

WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

Also See
Log 1787

Log No. 158
 Rec. 10/17 1947
 Well No. _____
 Permit No. _____
Do not fill in

Owner Pete Johansen Driller Dennis Smith
 Address Ely Nevada Address Ely Nev. Box 131 Lic. No. 23
 Location of well: SE 1/4 N. 1/4 Sec. 19, T. 15 N/S, R. 67 E, in White Pine County
NE?
 Water will be used for Irrigation Total depth of well 83'
 Size of drilled hole 16" Weight of casing per linear foot 5.0⁷²
 Thickness of casing 5/16" Temp. of water _____
 Diameter and length of casing 16" 80'
(Casing 12" in diameter and under give inside diameter; casing 12" in diameter give outside diameter.)
 If flowing well give flow in c.f.s. or g.p.m. and pressure none
 If nonflowing well give depth of standing water from surface 9'
 If flowing well describe control works none
(Type and size of valve, etc.)
 Date of commencement of well Sept 17 - 1947 Date of completion of well Sept 30 - 1947
 Type of well rig Cable tool outfit

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0	11	11	sandy clay
11	13	2	sand & gravel (water)
13	17	4	gravel & clay mixed
17	22	5	sand & gravel (water)
22	39	17	gravel & clay mixed
39	44	5	sand & gravel (water)
44	83	39	sandy clay

Water-bearing Formation, Casing Perforations, Etc.

Sand & gravel

Chief aquifer (water-bearing formation)
 from 39 to 44 ft.
 Other aquifers 11' to 13'
17' to 22'

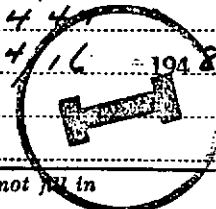
First water at 11 feet.

Casing perforated
 from 44' to 11 ft.

Size of perforations
1/2" x 3"
12 perforations to the round and each round one foot apart.
Casing drilled all the way.

(OVER)

WELL LOG AND REPORT TO THE STATE
ENGINEER OF NEVADA

Log No. 44
 Rec. 416 1948
 Well No. 
 Permit No.
 Do not fill in

Roger J. Reynolds

Owner *Roger J. Reynolds* no. 1 Driller *Darrell Free*

Address *Caliente Nevada* Address *Bochemer Lincoln* Lic. No. 30

Location of well: *SW 1/4 NE 1/4 Sec. 9, T. 45 N/S, R. 67 E*, in *Lincoln* County

Water will be used for *Irrigation* Total depth of well *42 ft 9 in*

Size of drilled hole *10 in* Weight of casing per linear foot

Thickness of casing *3/8 in* Temp. of water

Diameter and length of casing *8 in 42 ft 9 in*
(Casing 12" in diameter and under give inside diameter; casing 12" in diameter give outside diameter)

If flowing well give flow in c.f.s. or g.p.m. and pressure

If nonflowing well give depth of standing water from surface *18 ft*

If flowing well describe control works
(Type and size of valve, etc.)

Date of commencement of well *march 1-48* Date of completion of well *march 4-48*

Type of well rig *Churn Drill*

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material	Water-bearing Formation, Casing Perforations, Etc.
0	18	18	<i>Sand & gravel Very porous</i>	Chief aquifer (water-bearing formation)
18	42-9	24-9 in	<i>Coarse sand & gravel</i>	from <i>18 ft</i> to <i>42-9</i> ft.
				Other aquifers
				First water at <i>18</i> feet.
				Casing perforated from <i>18</i> to <i>42-9</i> ft.
				Size of perforations

LOG OF FORMATIONS—Continued

From feet	To feet	Thickness	Type of material

CASING RECORD

Diam. casing	From feet	To feet	Length	"Remarks"—Seals, Grouting, Etc.

GENERAL INFORMATION—Pumping Test, Quality of Water, Etc.

*Tested with 15 gal Bailer 30 in diam
Pump test failed and will follow*

WELL DRILLERS STATEMENT

(Not to be filled in by Driller)

This well was drilled under my jurisdiction and the above information is true to my best information and belief.

Signed Darrell Free
Well Driller

By Darrell Free

License No. 20

Dated April 14, 1948

OFFICE STATE ENGINEER
MAR 29 48
RECEIVED
ANG.

OFFICE STATE ENGINEER
APR 16 48
RECEIVED
ANG.

**WELL LOG AND REPORT TO THE STATE
ENGINEER OF NEVADA**

Log No. 726
 Rec. 12/1 1948
 Well No. _____
 Permit No. _____
Do not fill in

Owner Bert Robinson Driller Dennis Smith
 Address Mc Gill Nevada Address Garrison hts Lic. No. 23

Possible Location of well: SW 1/4 SE 1/4 Sec 24, T. 18N, R. 6E, in Winn Pine County

Water will be used for Culinary Total depth of well 95'

Size of drilled hole 6" Weight of casing per linear foot 20#

Thickness of casing 3/8 Temp. of water Cool

Diameter and length of casing 6" 80'
(Casing 12" in diameter and under give inside diameter; casing 12" in diameter give outside diameter.)

If flowing well give flow in c.f.s. or g.p.m. and pressure _____

If nonflowing well give depth of standing water from surface 60'

If flowing well describe control works _____
(Type and size of valve, etc.)

Date of commencement of well Nov 7 Date of completion of well Nov 14, 1948

Type of well rig Cable Tool

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0	7	7	boulders
7	60	53	yellow clay & Boulders
60	64	4	fine sand (water)
64	67	3	gravelly clay
67	75	8	gravel (water)
75	98	23	yellow clay

Water-bearing Formation, Casing Perforations, Etc.
preperforated 60' to 80'
 Chief aquifer (water-bearing formation)
 from 67 to 75 ft.
 Other aquifers 60 to 64
 First water at 60 feet.
 Casing perforated
 from 60 to 80 ft.
 Size of perforations
3/8" x 3"



LOG OF FORMATIONS—Continued

From feet	To feet	Thickness	Type of material

CASING RECORD

Diam. casing	From feet	To feet	Length	"Remarks"—Seals, Grouting, Etc.

GENERAL INFORMATION—Pumping Test, Quality of Water, Etc.

balling test 20 gal per min. no draw down

WELL DRILLERS STATEMENT

This well was drilled under my jurisdiction and the above information is true to my best information and belief.

Signed *Dennis Smith*
Well Driller

By

License No. *23*

Dated *Nov. 23*, 194*8*

(Not to be filled in by Driller)

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WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA



Log No. 1037
 Rec. 8/24 1949
 Well No. _____
 Permit No. _____

Do not fill in

Owner Fish And Game Driller Dennis Smith
 Address Ely Nevada Address Garrison Utah Lic. No. 23
 Location of well: S. W. 1/4 N. E 1/4 Sec. 2, T. 12 N/S, R. 67 E, in White Pine County
 or Spring Valley
 Water will be used for Fish Rearing Ponds Total depth of well 194'
 Size of drilled hole 13 1/2" Weight of casing per linear foot 50 lbs.
 Thickness of casing 1/2" in. Temp. of water 64
 Diameter and length of casing 14 1/2" length 195 ft.
(Casing 12" in diameter and under give inside diameter; casing 12" in diameter give outside diameter)
 If flowing well give flow in c.f.s. or g.p.m. and pressure 20 gal. 8' 5"
 If nonflowing well give depth of standing water from surface _____
 If flowing well describe control works 2" globe Valve Plate with gasket bolted.
(Type and size of valve, etc.)
 Date of commencement of well 10 June 1949 Date of completion of well Aug. 20 1949
 Type of well rig Cable tool

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0	12	12	Clay
12	14	2	rock, gravel (water)
14	49	35	sandy clay & boulders
49	51	2	sand & clay hardpan
51	55	4	sandy clay
55	56	1	coarse sand & gravel (water)
56	77	21	Sandy Clay
77	79	2	hard pan
79	82	3	sandy clay
82	85	3	hard pan
85	145	60	sandy clay
145	158	13	Clay & sand (sand Dom.)
158	159	1	Sand & gravel (water)
159	166	7	Sandy Clay
166	169	3	Sand & (water)
169	181	12	sticky clay
181	185	4	sand & gravel (water)
185	187	2	Sticky clay
187	191	4	sand (water)
191	194	3	sandy clay

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation)
 from 181 to 185 ft.

Other aquifers 12 to 14
55 to 56-158 to 159
166 to 169-187 to 191

First water at 12 feet.

Casing perforated
 from 194 to 55

Size of perforations
3 - 1/2

WELL LOG AND REPORT TO THE STATE
ENGINEER OF NEVADA

Log No. 159
 Rec. 6/3/52
 Well No. 1952
 Permit No.
 Do not fill

Owner W S Wright Driller W S Wright
 Address Dyer Nevada Address Dyer Nevada Lic. No. 5
 Location of well: S 1/4 SW 1/4 Sec 5, T. 42N/S, R. 36E, in Esmeralda Count
or about 150 ft from the west line and 50 ft north from the south line
 Water will be used for domestic Total depth of well 87 ft
 Size of drilled hole 15" Weight of casing per linear foot 12 1/2
 Thickness of casing 12 ga Temp. of water 56
 Diameter and length of casing 10 1/2" (O) D
 (Casing 12" in diameter and under give inside diameter; casing 12" in diameter give outside diameter.)
 If flowing well give flow in c.f.s. or g.p.m. and pressure
 If nonflowing well give depth of standing water from surface 29 ft
 If flowing well describe control works
 (Type and size of valve, etc.)
 Date of commencement of well June 1 1952 Date of completion of well June 3 1952
 Type of well rig Rotary

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material	GENERAL INFORMATION—Perforations, Casing Perforations, Etc.
top	26	26	sandy loam	
26	46	20	coarse sand	Chief aquifer (water-bearing formation)
46	58	12	sandy clay—brown	
58	87	29	sand gravel & rock	from 29 to 46 ft. Other aquifers 58 to 87
				First water at 29 feet. Casing perforated from 40' to 87 ft. Size of perforations 3/8" I.D. by 5"

ENGINEER OF NEVADA

Type of material

Owner: *W. S. Wright*
 Address: *Dyer Nevada*
 Location of well: *about 150 ft from the west line and 50 ft north from the south line*
 Water will be used for: *domestic*
 Size of drilled hole: *1 1/2"*
 Thickness of casing: *1 1/2"*
 Diameter and length of casing: *10 1/2"*

CASING RECORD

Diam. casing	From feet	To feet	Length	Remarks—Seals, Grouting, Etc.
	top	87	21	If flowing well give flow in c.f.s. or g.p.m. and pressure If nonflowing well give depth of standing water from surface If flowing well describe control works Date of commencement of well: <i>June 1 1952</i> Date of completion of well: <i>June 3 1952</i>

GENERAL INFORMATION—Pumping Test, Quality of Water, Etc.

From feet	To feet	Thickness	Remarks
top	87	1 1/2	This well was tested with a 60 gal boiler and will produce about 50 gals per min. The well was graveled with screened gravel casing about 5 tons.
87	88	1	hard clay
88	89	1	hard gravel rock

WELL DRILLERS STATEMENT

(Not to be filled in by Driller)

This well was drilled under my jurisdiction and the above information is true to my best information and belief.

Signed: *W. S. Wright*
 Well Driller

By: *W. S. Wright*

License No. 56

Dated June 26, 1952



WELL LOG AND REPORT TO THE STATE
ENGINEER OF NEVADA

Log No. 1206
 Rec. 3/24/1900
 Well No.
 Permit No. Do not fill in

Owner: (Dobbert?) George Eldridge
 Address: Mc. Gill Nevada
 Driller: Arthur Lopez
 Address: City
 Lic. No. 14
 Location of well: 1/4 NE 1/4 Sec. 31, T. 18 N/S, R. 28 E, in White Pine County
 or on 8 mile ranch on East Side Spring valley
 Water will be used for Irrigation Total depth of well 460
 Size of drilled hole 6" Weight of casing per linear foot 20
 Thickness of casing 1/4" Temp. of water
 Diameter and length of casing 6- 330
 (Casing 12" in diameter and under give inside diameter; casing 12" in diameter give outside diameter.)
 If flowing well give flow in c.f.s. or g.p.m. and pressure
 If nonflowing well give depth of standing water from surface 40
 If flowing well describe control works (Type and size of valve, etc.)
 Date of commencement of well Jan 2 Date of completion of well Feb-18
 Type of well rig Churn

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material	Water-bearing Formation, Casing Perforations, Etc.
220	460		Cemented Quartz Boulders.	Chief aquifer (water-bearing formation) from to ft.
			This well has been drilled several years to 220 feet with 100 feet of 10-1. D. pipe set at 100 feet	Other aquifers water aquifers unknown
				First water at feet.
				Casing perforated from 100 to 330 ft.
				Size of perforations 1/4 x 3"

LOG OF FORMATIONS—Continued

From feet	To feet	Thickness	Type of material

CASING RECORD

Diam. casing	From feet	To feet	Length	"Remarks"—Seals, Grouting, Etc.

GENERAL INFORMATION—Pumping Test, Quality of Water, Etc.

WELL DRILLERS STATEMENT

This well was drilled under my jurisdiction and the above information is true to my best information and belief.

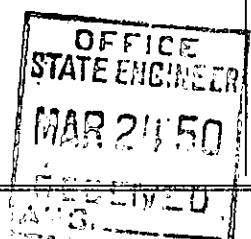
Signed: J. D. Hill
Well Driller

By.....

License No. 14

Dated 3-21, 1950

(Not to be filled in by Driller)



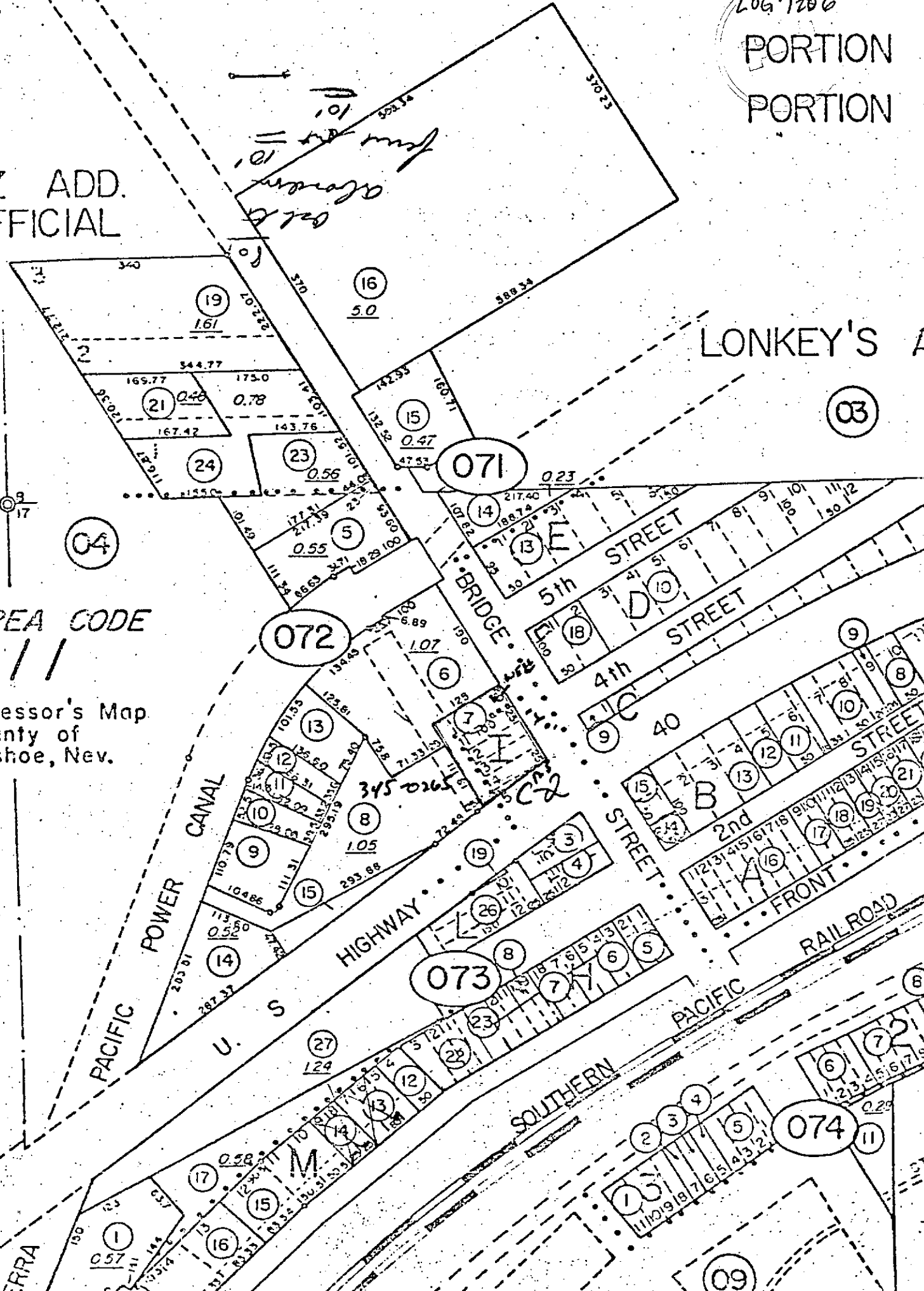
LOG 1286

PORTION
PORTION

KATZ ADD.
UNOFFICIAL

*from the
order
of
10/10/10*

LONKEY'S A



AREA CODE
//

Assessor's Map
County of
Washoe, Nev.

05

04

03

073

074

09

WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

Log No. 1378
 Rec. 7/25 1950
 Well No.
 Permit No.

Do not fill in

Owner Bert Robison Driller Dennis Smith

Address Mc Gill Nev. Address Garrison Ut. Lic. No. 23

Location of well: 1/4 NE 1/4 Sec. 25, T. 18 N/S, R. 66 E in WHITE PINE COUNTY County
 or 18/66-25AR

Water will be used for Culinary Total depth of well 190'

Size of drilled hole 6" Weight of casing per linear foot 20#

Thickness of casing 3/8" Temp. of water cool

Diameter and length of casing 6" 160'
(Casing 12" in diameter and under give inside diameter; casing 12" in diameter give outside diameter.)

If flowing well give flow in c.f.s. or g.p.m. and pressure none

If nonflowing well give depth of standing water from surface 2.6'

If flowing well describe control works none
(Type and size of valve, etc.)

Date of commencement of well June 10/1950 Date of completion of well July 20 1950

Type of well rig Cable Tool

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material	Water-bearing Formation, Casing Perforations, Etc.
0	28	28	boulders	<u>Perforated from 160' to 140'</u>
28	40	12	cemented sand & gravel	
40	42	2	sand & gravel (water)	Chief aquifer (water-bearing formation)
42	51	9	sandy clay	
51	57	6	cemented sandy clay	from <u>140</u> to <u>142</u> ft.
57	63	6	sandy clay	Other aquifers <u>63' to 65'</u>
63	65	2	sand & gravel (water)	
65	74	9	cemented sand & gravel	<u>17.1 to 17.2</u>
74	91	17	sandy clay	
91	108	17	conglomerate	
103	108	5	sandy clay	
108	171	63	conglomerate	
171	172	1	sand (water)	
172	190	18	conglomerate quartzite	First water at <u>140</u> feet.
			Boulders	
				Casing perforated from <u>160</u> to <u>140</u> ft.
				Size of perforations <u>5/16 x 3</u> <u>pre perforated</u>

WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

Log No. 1452
 Rec. 10/16 1950
 Well No. _____
 Permit No. _____
 Do not fill in

Owner Rogers Bros Driller Dennis Smith
 Address Mc Gill Nevada Address Garrison Utah Lic. No. 23
 Location of well: 1/4 NE 1/4 Sec. 3, T. 16 N/S, R. 67 E, in White Pine County _____
 or _____
 Water will be used for Culinary Total depth of well 317'
 Size of drilled hole 6" Weight of casing per linear foot 20⁷
 Thickness of casing 3/8" 187' Temp. of water Cool
 Diameter and length of casing 6" 187'
 (Casing 12" in diameter and under give inside diameter; casing 12" in diameter give outside diameter.)
 If flowing well give flow in c.f.s. or g.p.m. and pressure none
 If nonflowing well give depth of standing water from surface 6'
 If flowing well describe control works none
 (Type and size of valve, etc.)

Date of commencement of well July 21 Date of completion of well Aug 28 1950
 Type of well rig Cable Tool

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0	3	3	sandy clay
3	4	1	hard pan
4	18	14	clay
18	27	9	sand & gravel (water)
27	47	20	sandy clay
47	68	21	white clay
68	72	4	hard pan
72	78	6	sandy clay
78	79	1	hard pan
79	80	1	sand (water)
80	88	8	conglomerate
88	105	17	gravel (water)
105	145	40	sandy clay
145	149	4	hard pan
149	173	24	white clay
173	178	5	hard pan
178	223	45	sandy clay
223	226	3	hard pan
226	227	1	sand & gravel (water)
227	308	81	sandy clay
308	312	4	hard pan
312	317	5	sandy clay

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation)
 from 88 to 105 ft.

Other aquifers 18 to 21
79 to 80 226 - 227

First water at 18 feet.

Casing perforated
 from 147 to 187 ft.

Size of perforations
3/8 x 3
 pre perforated
 4 to 8" apart
 and 12" apart

WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

Log No. 1556
 Rec. 3/12 1951
 Well No.
 Permit No.
Do not fill in

Owner Bureau of Land management Driller J. D. Hill
 Address Ely, Nevada ? Address Ely, Nevada Lic. No. 14
 Location of well: $\frac{1}{4}$ $\frac{1}{4}$ Sec. 11, T. 13 N/S, R. 66 E, in White Pine County
 or 6 miles south east of Majors service station in Spring Valley
 Water will be used for stock water Total depth of well 120 ft.
 Size of drilled hole 6 inch Weight of casing per linear foot 20 lbs.
 Thickness of casing $\frac{1}{2}$ inch Temp. of water
 Diameter and length of casing 6 inch
 (Casing 12" in diameter and under give inside diameter; casing 12" in diameter give outside diameter.)
 If flowing well give flow in c.f.s. or g.p.m. and pressure
 If nonflowing well give depth of standing water from surface 60 ft.
 If flowing well describe control works
 (Type and size of valve, etc.)
 Date of commencement of well Jan. 20 1951 Date of completion of well Jan. 24
 Type of well rig cable

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
1	60		cemented sand and gravel
60	62		gravel and water
62	80		sandy clay
80	85		gravel
83	120		sandy clay

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation)

from 80 to 83 ft.

Other aquifers

First water at 60 feet.

Casing perforated from 60 to 120 ft.

Size of perforations $\frac{1}{4}$ X6



LOG OF FORMATIONS—Continued

From feet	To feet	Thickness	Type of material

CASING RECORD

Diam. casing	From feet	To feet	Length	"Remarks"—Seals, Grouting, Etc.

GENERAL INFORMATION—Pumping Test, Quality of Water, Etc.

WELL DRILLERS STATEMENT

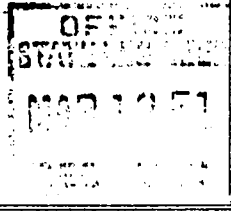
This well was drilled under my jurisdiction and the above information is true to my best information and belief.

Signed J. D. Hill
Well Driller

By

License No. 14

Dated Feb 8, 1951



(Not to be filled in by Driller)

WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

Log No. 1786
 Rec. 10/30/ 1951
 Well No. _____
 Permit No. _____

Do not fill in

Owner Bert Robison Driller W. J. Alcorn Drilling
 Address Spring Valley Address W. J. Alcorn Drilling Lic. No. 96
 Location of well: $\frac{1}{4}$ Sec. 6, T. 17 N/3, R. 67 E, in White Pine County
 or about 64 miles from Ely in Spring Valley
 Water will be used for Irrigation Total depth of well 500
 Size of drilled hole 22" Weight of casing per linear foot _____
 Thickness of casing 3/16" Temp. of water _____
 Diameter and length of casing 208 ft 16" top - 142 ft 12" + 150 ft 10" bottom
(Casing 12" in diameter and under give inside diameter; casing 12" in diameter give outside diameter.)
 If flowing well give flow in c.f.s. or g.p.m. and pressure _____
 If nonflowing well give depth of standing water from surface 40 ft
 If flowing well describe control works _____
(Type and size of valve, etc.)
 Date of commencement of well 10/2/51 Date of completion of well 10/18/51
 Type of well rig Rotary

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0	5	5	Top - Soil
5	47	42	boulders & Gravel
47	59	12	clay
59	102	43	Gravel & Cobble stones
102	118	16	yellow Clay
118	250	132	Gravel
250	275	25	clay & sand streaks
275	400	125	Gravel
400	500	100	sand & Gravel
500	516	16	clay

Cased to 500 ft.
 casing perforated 80 ft from top
 lower to bottom of 500 ft

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation)
 from 275 to 500 ft.

Other aquifers 118-200
59-102

First water at _____ feet.

Casing perforated
 from 80 to 500 ft.

Size of perforations
3/16"

LOG OF FORMATIONS—Continued

From feet	To feet	Thickness	Type of material

CASING RECORD

Diam. casing	From feet	To feet	Length	"Remarks"—Seals, Grouting, Etc.
				<i>Casey set</i>
				208 ft 16" 3/16 - 80 ft Blank and Perforated
				142 ft 12" 3/16 all perforated
				150 ft 10" 3/16 all perforated
				22 Hole drilled & gravel packed.

GENERAL INFORMATION—Pumping Test, Quality of Water, Etc.

Owner will Test Pump at a later date

WELL DRILLERS STATEMENT

This well was drilled under my jurisdiction and the above information is true to my best information and belief.

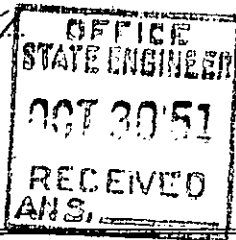
Signed *David Alcorn Drilling Co*
Well Driller

By *M Davis*

License No. *96*

Dated *12-26-* 19 *57*

(Not to be filled in by Driller)



WELL LOG AND REPORT TO THE STATE
ENGINEER OF NEVADA

Log No. 1787
 Rec. 10/30 1951
 Well No. _____
 Permit No. _____

Owner J. P. Johansen Driller W. J. Alcorn Drilling
 Address Spring Valley Address W. Sacramento Calif. Lic. No. 96
 Location of well: NE 1/4 NW 1/4 Sec. 19., T. 15 N/S, R. 67 E, in White Pine County
 or 36 Miles from Ely. on Ranch.
 Water will be used for Irrigation Total depth of well 700 ft
 Size of drilled hole 15 inch Weight of casing per linear foot _____
 Thickness of casing 3/16 Temp. of water _____
 Diameter and length of casing 200 ft 12" casing 500 ft 10" casing
 (Casing 12" in diameter and under give inside diameter; casing 12" in diameter give outside diameter.)
 If flowing well give flow in c.f.s. or g.p.m. and pressure _____
 If nonflowing well give depth of standing water from surface 40 ft
 If flowing well describe control works _____
 (Type and size of valve, etc.) _____
 Date of commencement of well 9/10/51 Date of completion of well 9/30/51
 Type of well rig Rotary

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
80	255	175	Gravel Course
255	300	45	clay
300	315	15	fine gravel
315	500	185	yellow clay
500	550	50	gravel & clay
550	600	50	yellow clay
600	612	12	fine gravel
612	680	68	clay
680	690	10	fine gravel
690	700	10	yellow clay

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation)
 from 80 to 255 ft.

Other aquifers _____
encountered sand & gravel in 10 to 15' streak all the way to 690'

First water at _____ feet.

Casing perforated
 from 100 to 700 ft.
600ft total perforated

Size of perforations
3/16 perforations
all casing 100ft from top down is perforated.

To go deeper

LOG OF FORMATIONS—Continued

From feet	To feet	Thickness	Type of material
			deepen well from 80 ft to 700 ft old well had 80 ft of 16" casing set

CASING RECORD

Diam. casing	From feet	To feet	Length	Remarks—Seals, Grouting, Etc.
				15" hole from 80 ft of old well. That was cased down to 80 ft. (80)
				we set 200 ft 12" casing 3/16 top. 100 ft perforated
				" " 500 ft 10" " 3/16 on bottom all perforated

GENERAL INFORMATION—Pumping Test, Quality of Water, Etc.

owner will have some one else test pumps.

WELL DRILLERS STATEMENT

This well was drilled under my jurisdiction and the above information is true to my best information and belief.

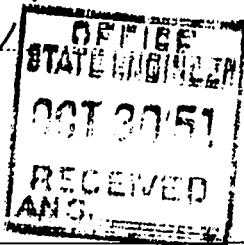
Signed W. Davis
Well Driller

By W. Davis

License No. 96

Dated 10-26-, 1951

(Not to be filled in by Driller)



Field Copy Well Test.
 Rte. Johansen, Ely Nevada
 By E.M. Colvin & Son
 Cedar City, Utah
 1/27/51

Pumping level in feet.

150
125
100
75
50
25

End of Test

Drilled
 by Davis Ateon Drilling Co

Notes:

1. G.P.M. measured w/ orifice
 1.570
2. P.H. measured w/ Electric
 Sounder, ± 1 Feet

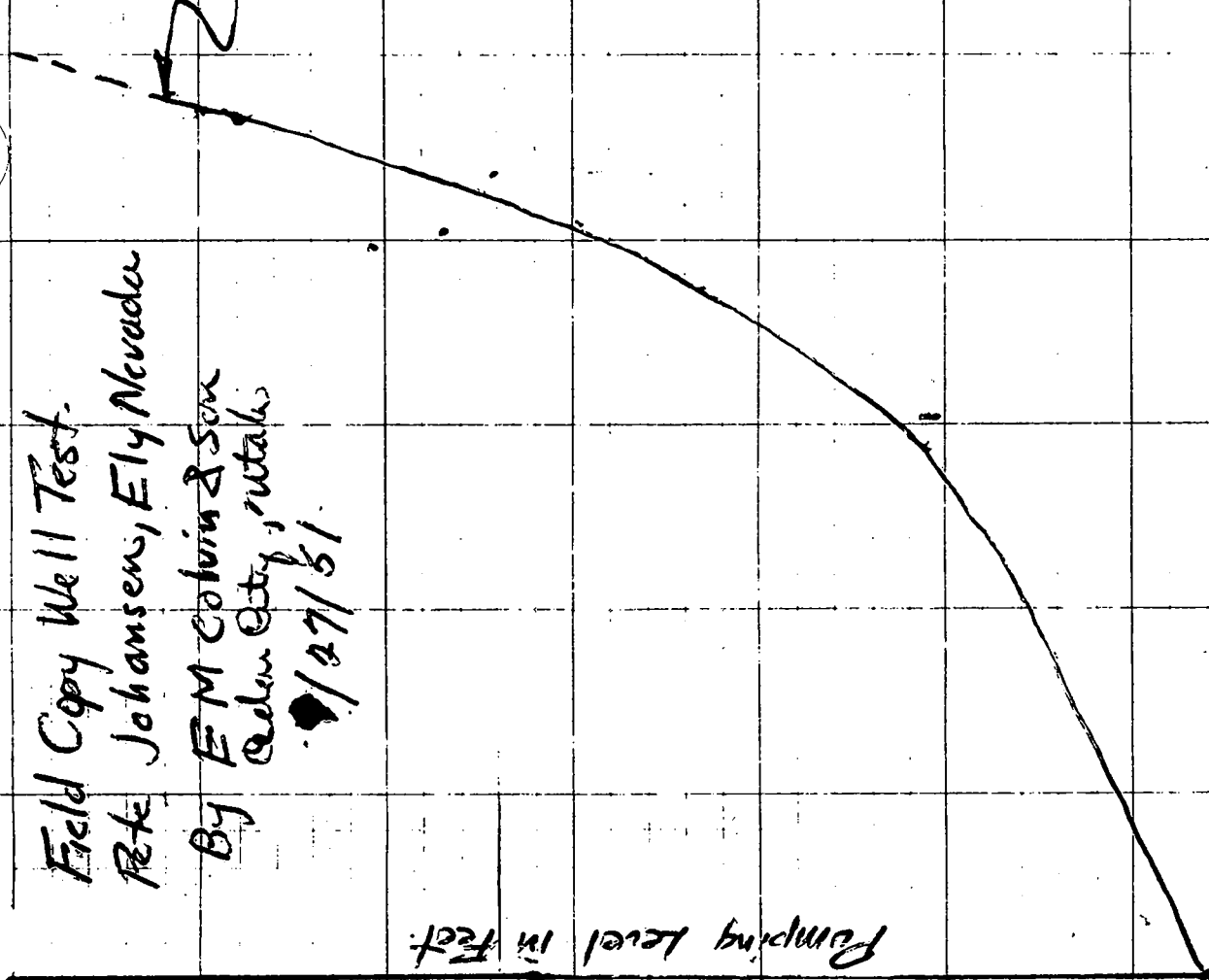
LOCATION OF WELL

NE 1/4 of NW 1/4 Sec. 19
 Township 15 Range 67E.

White Pine Co

Flow in G.P.M.

100 200 300 400 500 600 700 800 900



WELL LOG AND REPORT TO THE STATE
ENGINEER OF NEVADA

Log No. 2248
 Rec. June 11 1953
 Well No.
 Permit No.

Do not fill in

Owner Lawrence Henroid Driller Dennis Smith
 Address Mc Gill Nevada Address Garrison Utah Lic. No. 23
 Location of well: NW 1/4 SW 1/4 Sec. 31, T.23. N/8, R.66. E, in White Pine County
 or 500' west of flowing well on Henroid ranch
 Water will be used for Irrigation Total depth of well 104'
 Size of drilled hole 16" Weight of casing per linear foot 53.33 lbs.
 Thickness of casing 5/16 Temp. of water Cool
 Diameter and length of casing 16" 95' 8"
 (Casing 12" in diameter and under give inside diameter; casing 12" in diameter give outside diameter.)
 If flowing well give flow in c.f.s. or g.p.m. and pressure none
 If nonflowing well give depth of standing water from surface 26
 If flowing well describe control works none
 (Type and size of valve, etc.)
 Date of commencement of well May 29, 1953 Date of completion of well June 4, 1953
 Type of well rig Cable Tool

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material	Water-bearing Formation, Casing Perforations, Etc.
0	31	31	gravel & clay	Chief aquifer (water-bearing formation) from <u>33</u> to <u>48</u> ft.
31	32	1	sand & gravel (water)	
32	33	1	sandy clay	Other aquifers <u>31 & 32</u> <u>47.5 - 52 - 55 - 58</u> <u>70 - 75 - 84 - 87</u>
33	48	15	boulders, gravel & sand (water)	
48	49	1	sandy clay	
49	52	3	sand & gravel (water)	
52	55	3	cemented sandy clay	
55	58	3	sand & gravel (water)	
58	70	12	cemented sandy clay	
70	75	5	sand & gravel (water)	
75	84	9	sandy clay	
84	87	3	sand & gravel (water)	First water at <u>31</u> feet.
87	95	8	sandy clay	
95	104	9	hard Pan	Casing perforated from <u>87</u> to <u>90</u> ft. Size of perforations <u>3 x 1/2 in</u> perforated with Mills Perforator

WELL LOG AND REPORT TO THE STATE
ENGINEER OF NEVADA

Log No. 2303
 Rec. July 27 1953
 Well No.
 Permit No.

Do not fill in

Owner Richard Bate Driller Dennis Smith
 Address 77c Gill Nevada Address Harrison Stet Lic. No. 23
 Location of well: N.W. 1/4 NW 1/4 Sec. 1, T. 18 N/S, R. 66 E, in White Pine County
 or Spring Valley
 Water will be used for Culinary Total depth of well 68 ft.
 Size of drilled hole 6 in Weight of casing per linear foot 20 #
 Thickness of casing 3/8 Temp. of water Cool
 Diameter and length of casing 6" x 68'
 (Casing 12" in diameter and under give inside diameter; casing 12" in diameter give outside diameter.)
 If flowing well give flow in c.f.s. or g.p.m. and pressure none
 If nonflowing well give depth of standing water from surface 20 ft.
 If flowing well describe control works none
 (Type and size of valve, etc.)
 Date of commencement of well July 8 / 53 Date of completion of well July 11 / 53
 Type of well rig Cable Tool

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0	23	23	boulders
23	35	12	sandy clay
35	37	2	sand & Gravel (Water)
37	64	27	sandy clay
64	66	2	sand & gravel (Water)
66	68	2	sandy clay

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation)

from 35' to 37' ft.

Other aquifers 64 to 66

First water at 3.5 feet.

Casing perforated

from 67' to 52' ft.

Size of perforations

3" x 1/4
perforated

LOG OF FORMATIONS—Continued

From feet	To feet	Thickness	Type of material

CASING RECORD

Diam. casing	From feet	To feet	Length	"Remarks"—Seals, Grouting, Etc.

GENERAL INFORMATION—Pumping Test, Quality of Water, Etc.

WELL DRILLERS STATEMENT

This well was drilled under my jurisdiction and the above information is true to my best information and belief.

Signed *Tennis Smith*
Well Driller

By.....

License No. 23

Dated July 22, 1953

(Not to be filled in by Driller)

WELL LOG AND REPORT TO THE STATE
ENGINEER OF NEVADA



Log No. 2406
 Rec. Nov. 9 1953
 Well No.
 Permit No. 15381
 Do not fill in

Owner Combined Metals Reduction Co. Driller J. D. Hill
 Address Pioche, Nevada Address Box 694, Ely, Nevada Lic. No. 14
 Location of well: NE 1/4 NW 1/4 Sec 29, T. 11N, R. 68E, in White Pine County
 or
 Water will be used for Mining Total depth of well 353
 Size of drilled hole 8 in. Weight of casing per linear foot 19#
 Thickness of casing 1/4 in. Temp. of water
 Diameter and length of casing 8 in. x 347 ft.
 (Casing 12" in diameter and under give inside diameter; casing 12" in diameter give outside diameter.)
 If flowing well give flow in c.f.s. or g.p.m. and pressure
 If nonflowing well give depth of standing water from surface 250 ft.
 If flowing well describe control works
 (Type and size of valve, etc.)
 Date of commencement of well Oct. 21, 1953 Date of completion of well Nov. 7, 1953
 Type of well rig Churn drill

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0	268	268	Cemented gravel
268	269	1	Gravel (Water)
269	284	15	Cemented gravel
284	307	23	
284	285	1	Sand and gravel
286	307		Cemented gravel
307	308	1	Sand and gravel
309	322	13	Cemented gravel
323	324	1	Sand and gravel
324	335	11	Cemented gravel
335	336	1	Sand and gravel
336	343	7	Cemented gravel
343	344	1	Sand and gravel
344	353	9	Sand and gravel Cemented

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation)
 from 268 to 269 ft.

Other aquifers
284 to 285
323 to 324
335 to 336
343 to 344

First water at 268 feet.

Casing perforated
 from 217 to 347 ft.

Size of perforations
1/4 x 6



WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

Log No. 3207
 Rec. OCT 24 19 58
 Well No.
 Permit No.

Do not fill in

Owner Bugs Pinner Driller Walter Williams
 Address City, Nevada Address Las Vegas, Nevada Lic. No. 177
 Location of well: NW 1/4 NE 1/4 Sec. 5, T. 13 N/S, R. 10 E, in White Pine County

Water will be used for culinary purposes Total depth of well 45

Size of drilled hole 6 inch Weight of casing per linear foot

Thickness of casing 1 1/2 gauge Temp. of water cold

Diameter and length of casing 6 in. inside diameter
(Casing 12" in diameter and under give inside diameter; casing 12" in diameter give outside diameter.)

If flowing well give flow in c.f.s. or g.p.m. and pressure

If nonflowing well give depth of standing water from surface 15 feet

If flowing well describe control works

(Type and size of valve, etc.)

Date of commencement of well 11/2/55 Date of completion of well 11/2/55

Type of well rig cable

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
5	20	15	Boulders + gravel
20	40	20	Hard limestone + cracks
40	45	5	Hard limestone + cracks

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation)

from 40 to 45 ft.

Other aquifers

First water at 40 feet.

Casing perforated

from 20 to 40 ft.

Size of perforations

4 x 12 inch

LOG OF FORMATIONS—Continued

From feet	To feet	Thickness	Type of material

CASING RECORD

Diam. casing	From feet	To feet	Length	"Remarks"—Seals, Grouting, Etc.

GENERAL INFORMATION—Pumping Test, Quality of Water, Etc.

WELL DRILLER'S STATEMENT

This well was drilled under my jurisdiction and the above information is true to my best information and belief.

Signed [Signature]
Well Driller

By [Signature]

License No. 10107

Dated 10/24/55, 1955

(Not to be filled in by Driller)

OFFICE
STATE ENGINEER

1955 OCT 24 AM 10 00

WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA



Log No. 3208
 Rec. Oct. 24 1955
 Well No.
 Permit No.

Do not fill in

Owner Mrs. Albin Kiebel Driller Arthur Collins
 Address Ely, Nevada Address Proche Nevada Lic. No. 177
 Location of well: N.E. 1/4, W. 1/4 Sec. 27, T. 2 N, R. 17 E, in White Pine County
 or

Water will be used for Stock watering Total depth of well

Size of drilled hole

Thickness of casing 1 1/2 gauge Temp. of water

Diameter and length of casing 1 in. inside diameter
(Casing 12" in diameter and under give inside diameter; casing 12" in diameter give outside diameter.)

If flowing well give flow in c.f.s. or g.p.m. and pressure

If nonflowing well give depth of standing water from surface 13 feet

If flowing well describe control works

Date of commencement of well 11/11/55 Date of completion of well 11/18/55

Type of well rig cable

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0	20	20	Black soil + quartz rocks
20	30	10	gravel + boulders

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation)

from 20 to 30 ft.

Other aquifers

First water at 13 feet.

Casing perforated

from 16 to 30 ft.

Size of perforations

8 by 12 in



LOG OF FORMATIONS—Continued

From feet	To feet	Thickness	Type of material

CASING RECORD

Diam. casing	From feet	To feet	Length	"Remarks"—Seals, Grouting, Etc.

GENERAL INFORMATION—Pumping Test, Quality of Water, Etc.

WELL DRILLER'S STATEMENT

This well was drilled under my jurisdiction and the above information is true to my best information and belief.

Signed *J. H. ...*
Well Driller

By *J. H. ...*

License No. *1111*

Dated *10/24/55*, 19...

(Not to be filled in by Driller)

OFFICE
STATE ENGINEER

1955 OCT 24 AM 10 00

WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA



Log No. 3209
 Rec. OCT 24 1955
 Well No.
 Permit No. 18830 ?

Do not fill in

Owner Mrs. Albin Hendley Driller Walter Cottrell
 Address Cly, Nevada Address Finch, Nevada Lic. No. 74
 Location of well: N 1/4 NE 1/4 Sec. 13, T. 12 N, R. 6 E, in White Pine County

Water will be used for stock watering Total depth of well 70 feet

Size of drilled hole 6 inch Weight of casing per linear foot

Thickness of casing 1 1/2 gauge Temp. of water cold

Diameter and length of casing 6 inch inside diameter
(Casing 12" in diameter and under give inside diameter; casing 12" in diameter give outside diameter.)

If flowing well give flow in c.f.s. or g.p.m. and pressure

If nonflowing well give depth of standing water from surface 3 feet

If flowing well describe control works

(Type and size of valve, etc.)

Date of commencement of well 10/8/55 Date of completion of well 10/16/55

Type of well rig cable

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0	70	70	<u>White clay</u>
70	80	10	<u>Sand + white clay</u>

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation)

from 40 to 52 ft.

Other aquifers

First water at 12 feet.

Casing perforated

from 12 to 81 ft.

Size of perforations

4 by 13 in.

LOG OF FORMATIONS—Continued

From feet	To feet	Thickness	Type of material

CASING RECORD

Diam. casing	From feet	To feet	Length	"Remarks"—Seals, Grouting, Etc.

GENERAL INFORMATION—Pumping Test, Quality of Water, Etc.

WELL DRILLER'S STATEMENT

This well was drilled under my jurisdiction and the above information is true to my best information and belief.

Signed *Walter G. Miller*
Well Driller

By *Walter G. Miller*

License No. 144

Dated *10/24/55*, 1955

OFFICE
STATE ENGINEER

(Not to be filled in by Driller)

14463-4

WELL LOG AND REPORT TO THE STATE
ENGINEER OF NEVADA



Log No. 4741
 Rec. July 31 1959
 Well No.
 Permit No.

Do not fill in

Owner Kirkeby Ranch Driller Patrick H. Thompson
 Address Ely, Nevada Address 217 S. 26th St. L.V.N. Lic. No. 192

Location of well: SE 1/4 SE 1/4 Sec. 12, T12 N/S, R. 67E, in White Pine County
 or

Water will be used for Irrigation Total depth of well 185'

Size of drilled hole 12" Weight of casing per linear foot 33#

Thickness of casing 1/2" Temp. of water cool

Diameter and length of casing 12" dia - 169' length
 (Casing 12" in diameter and under give inside diameter; casing 12" in diameter give outside diameter.)

If flowing well give flow in c.f.s. or g.p.m. and pressure.....

If nonflowing well give depth of standing water from surface 50'

If flowing well describe control works.....
 (Type and size of valve, etc.)

Date of commencement of well July 6, 1959 Date of completion of well July 17, 1959

Type of well rig Spudder

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0	66	66	gravel & boulders
66	73	7	cemented gravel
73	156	83	gravel & boulders
156	185	29	silicious shale

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation)
 from 73 to 156 ft.

Other aquifers.....

First water at 73 feet.

Casing perforated
 from 68 to 158 ft.

Size of perforations
1/4" x 12 - 6 rows



WELL LOG AND REPORT TO THE STATE
ENGINEER OF NEVADA

Log No. 4742
 Rec. July 31 1959
 Well No.
 Permit No. 18828
 Do not fill in

Owner Kirkeby Ranch Driller Patrick H. Thompson

Address Ely, Nevada Address 217 S. 26th St. L.V.N. Lic. No. 192

Location of well: NE 1/4 NW 1/4 Sec. 13, T12 N 6 S, R. 6 E, in White Pine County

or

Water will be used for Stock Watering Total depth of well 220'

Size of drilled hole 6" Weight of casing per linear foot 19#

Thickness of casing 5/16" Temp. of water cool

Diameter and length of casing 6" dia - 220' length
 (Casing 12" in diameter and under give inside diameter; casing 12" in diameter give outside diameter.)

If flowing well give flow in c.f.s. or g.p.m. and pressure 5 GPM - pressure unknown

If nonflowing well give depth of standing water from surface

If flowing well describe control works Valve to be installed by owner
 (Type and size of valve, etc.)

Date of commencement of well July 17, 1959 Date of completion of well July 24, 1959

Type of well rig Spudder

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material	Water-bearing Formation, Casing Perforations, Etc.
0	7	7	sandy soil	
7	20	13	sand & gravel	Chief aquifer (water-bearing formation)
20	50	30	sand & boulders	from <u>200</u> to <u>220</u> ft.
50	68	18	fine sand	Other aquifers <u>7 - 20</u>
68	76	8	gravel	<u>68 - 76</u>
76	146	70	fine sand - thin streaks of clay	
146	200	54	sandy clay	First water at <u>7</u> feet.
200	220	20	sand & gravel	Casing perforated
				from <u>200</u> to <u>220</u> ft.
				Size of perforations
				<u>3/16 x 12 - 4 rows</u>



LOG OF FORMATIONS—Continued

From feet	To feet	Thickness	Type of material

CASING RECORD

Diam. casing	From feet	To feet	Length	Remarks—Seals, Grouting, Etc.
6"	+ 1	220	221	no grout

GENERAL INFORMATION—Pumping Test, Quality of Water, Etc.

WELL DRILLER'S STATEMENT

This well was drilled under my jurisdiction and the above information is true to my best information and belief.

Signed Patrick H. Thompson
Well Driller

By.....

License No. 192

Dated July 27, 19 65

(Not to be filled in by Driller)

1959 JUL 31 PM 1 14
STATE ENGINEER
OFFICE

Need copy

WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA



Log No. 4981
Rec. Jan 13 1960
Well No.
Permit No. 18829
Do not fill in

Owner Gordon & Kay Kirkeby, Kirkeby Rancher Patrick H. Thompson

Address Ely, Nevada Address 217 S. 26th St. L. V. N Lic. No. 192

Location of well: NW 1/4, NW 1/4 Sec. 24, T.12N/S, R.67E, in White Pine County
or

Water will be used for STOCK WATERING Total depth of well 155'

Size of drilled hole 8" Weight of casing per linear foot 12#

Thickness of casing 10 guage Temp. of water cool

Diameter and length of casing 8" dia. -- 155' length
(Casing 12" in diameter and under give inside diameter; casing 12" in diameter give outside diameter.)

If flowing well give flow in c.f.s. or g.p.m. and pressure 7 G.P.M.

If nonflowing well give depth of standing water from surface

If flowing well describe control works

(Type and size of valve, etc.)

Date of commencement of well July 25, 1959 Date of completion of well July 30, 1959

Type of well rig Cable tools 60L B.E.

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0	8	8	sandy soil
8	22	14	fine sand
22	48	26	clay & gravel - water
48	86	18	fine sand
86	89	3	gravel - water
89	94	5	clay
94	146	52	sandy clay
146	155	9	red clay

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation)
from 22 to 48 ft.
Other aquifers 86 - 89

First water at 8 feet.

Casing perforated
from 93 to 138 ft.

Size of perforations
3/16 x 12 - 4 rows



LOG OF FORMATIONS—Continued

From feet	To feet	Thickness	Type of material

CASING RECORD

Diam. casing	From feet	To feet	Length	"Remarks"—Seals, Grouting, Etc.
8"	#1	144	145	

GENERAL INFORMATION—Pumping Test, Quality of Water, Etc.

WELL DRILLER'S STATEMENT

This well was drilled under my jurisdiction and the above information is true to my best information and belief.

Signed Patrick W. Chapman
Well Driller

By.....

License No.192.....

Dated.....Dec. 30....., 19 59....

(Not to be filled in by Driller)

1960 JAN 13 AM 9 23

SINCE

30110E

WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA



Log No. 5139
 Rec. APRIL 17 1960
 Well No. _____
 Permit No. 18045
Do not fill in

Owner Dee Heckethorne Driller F. D. Hill
 Address Spring Valley, via Ely, Nev. Address Ely, Nevada Lic. No. 14
 Location of well: NW 1/4 SE 1/4 Sec 35, T. 11N, R. 66E, in White Pine County
 or _____
 Water will be used for Stockwatering Total depth of well 240
 Size of drilled hole 6" & 4" Weight of casing per linear foot 20#
 Thickness of casing 1/4" Temp. of water _____
 Diameter and length of casing 120 ft of 6" and 120 Ft. of 4"
 (Casing 12" in diameter and under give inside diameter; casing 12" in diameter give outside diameter.)
 If flowing well give flow in c.f.s. or g.p.m. and pressure 5 gals per minute
 If nonflowing well give depth of standing water from surface _____
 If flowing well describe control works _____
 (Type and size of valve, etc.) _____
 Date of commencement of well April 8 Date of completion of well April 16, 1959
 Type of well rig Churn drill

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0	220	220	Clay
220	221	1	Sand
221	238	17	Clay
238	240	2	Sand

OFFICE ENGINEER

1960 APR 18 AM 10 06

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation)
 from 238 to 240 ft.

Other aquifers Smaal amount of water in clay all the way down

First water at 10 feet.

Casing perforated
 from 220 to 240 ft.

Size of perforations
1/4" x 6



LOG OF FORMATIONS—Continued

From feet	To feet	Thickness	Type of material

CASING RECORD

Diam. casing	From feet	To feet	Length	"Remarks"—Seals, Grouting, Etc.

GENERAL INFORMATION—Pumping Test, Quality of Water, Etc.

WELL DRILLER'S STATEMENT

This well was drilled under my jurisdiction and the above information is true to my best information and belief.

Signed J. D. Hill
Well Driller

By.....

License No. 14

Dated 4-19, 1959

(Not to be filled in by Driller)

WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

PLEASE COMPLETE THIS FORM IN ITS ENTIRETY



Log No. 6567
 Rec. June 6 19 62
 Well No. _____
 Permit No. 18524
Do not fill in

Owner Fred A. Farnsworth Driller Bob H. Meyers

Address P.O. Box 1173, Ely, Nevada Address 1190 Ave. B., E. Ely, Nev. Me. No. _____

Location of well: NE 1/4 NE 1/4 Sec. 26., T. 12N 8, R. 67E, in White Pine County _____
 or Spring Valley M.D.M.

Water will be used for Irrigation Total depth of well 14'

Size of drilled hole 60' x 70' Weight of casing per linear foot None

Thickness of casing _____ Temp. of water 55°

Diameter and length of casing _____
 (Casing 12" in diameter and under give inside diameter; casing 12" in diameter give outside diameter.)

If flowing well give flow in c.f.s. or g.p.m. and pressure _____

If nonflowing well give depth of standing water from surface 8 feet

If flowing well describe control works _____
 (Type and size of valve, etc.)

Date of commencement of well 7/5/60 Date of completion of well 7/19/60

Type of well rig Back hoe

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material	Water-bearing Formation, Casing Perforations, Etc.
0	5	5	Top soil	
5	14	9	Sand & Gravel predominately gravel	Chief aquifer (water-bearing formation) from _____ to _____ ft. Other aquifers _____ First water at <u>8</u> feet. Casing perforated from _____ to _____ ft. Size of perforations _____



LOG OF FORMATIONS—Continued

From feet	To feet	Thickness	Type of material

CASING RECORD

Diam. casing	From feet	To feet	Length	Remarks—Seals, Grouting, Etc.

GENERAL INFORMATION—Pumping Test, Quality of Water, Etc.

Pumps 4" Centrifugal Pump full.

WELL DRILLER'S STATEMENT

This well was drilled under my jurisdiction and the above information is true to my best information and belief.

Signed

Fred Farnsworth
F. A. H. Meyers
 Well Driller

By

License No.

Dated *May 14, 1962*, 19

(Not to be filled in by Driller)

STATE ENGINEER

OFFICE

1962 JUN 6 AM 9 34

WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

PLEASE COMPLETE THIS FORM IN ITS ENTIRETY

Log No. 6568
 Rec. June 6 1962
 Well No. _____
 Permit No. 18525
Do not fill in

Owner Fred A. Farnsworth Driller Jim Oxborrow

Address P.O. Box 1173, Ely, Nevada Address Lund, Nevada Lic. No. _____
 Under J.D. Hill License No. 14

Location of well: SE 1/4 SW 1/4 Sec. 24., T. 12N, R. 6E, in White Pine County
M.D.M.
 or Spring Valley

Water will be used for Irrigation Total depth of well 300'

Size of drilled hole 12" Weight of casing per linear foot Heavy duty

Thickness of casing 1/2" Temp. of water about 50°

Diameter and length of casing 10" x 260' (20' joints welded)
 (Casing 12" in diameter and under give inside diameter; casing 12" in diameter give outside diameter.)

If flowing well give flow in c.f.s. or g.p.m. and pressure _____

If nonflowing well give depth of standing water from surface 23'

If flowing well describe control works _____
 (Type and size of valve, etc.)

Date of commencement of well 7/5/60 Date of completion of well 7/15/60

Type of well rig Cable tools

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material	Water-bearing Formation, Casing Perforations, Etc.
0	30	30	Top soil	
30	250	220	Sand & gravel - predominately gravel	Chief aquifer (water-bearing formation) from <u>30</u> to <u>250</u> ft.
250	300	50	Yellow lime clay	Other aquifers <u>None</u>
				First water at <u>35</u> feet.
				Casing perforated from <u>0</u> to <u>260</u> ft.
				Size of perforations <u>1/2 x 1</u>



LOG OF FORMATIONS—Continued

From feet	To feet	Thickness	Type of material

CASING RECORD

Diam. casing	From feet	To feet	Length	Remarks—Seals, Grouting, Etc.
10"	0	260	260	

GENERAL INFORMATION—Pumping Test, Quality of Water, Etc.

Drilling averaged 25 feet per day. Pump test Arnold Wood, BLM
960 G.P.M.

WELL DRILLER'S STATEMENT

This well was drilled under my jurisdiction and the above information is true to my best information and belief.

Signed

Frederick J. ...
Well Driller

By

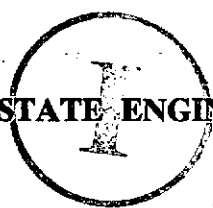
License No.

Dated *May 14 1962*, 19

(Not to be filled in by Driller)

1962 JUN 6 AM 9 34
STATE ENGINEER
OFFICE

**WELL LOG AND REPORT TO THE STATE ENGINEER
OF NEVADA**



Log No. 7860
 Rec. May 20 1964
 Well No. _____
 Permit No. 19654
 Do not fill in.

PLEASE COMPLETE THIS FORM IN ITS ENTIRETY

Owner ERISL RHODES Driller RONALD JORDAN
 Address NORTH SPRING VALLEY, ELY, NEV. Address ELY, NEVADA Lic. No. 428
 Location of well: SE 1/4 SE 1/4 Sec. 31, T. 12 N/S, R. 67 E, in WHITE PINE County
 or _____

Water will be used for IRRIGATION Total depth of well 456 ft.
 Size of drilled hole 16" Weight of casing per linear foot 23 lbs.
 Thickness of casing 1/4" Temp. of water 63°
 Diameter and length of casing 16"
(Casing 12" in diameter and under give inside diameter; casing 12" in diameter give outside diameter.)

If flowing well give flow in c.f.s. or g.p.m. and pressure. _____
 If nonflowing well give depth of standing water from surface 15'
 If flowing well describe control works _____
(Type and size of valve, etc.)

Date of commencement of well FEB. 16, 1964 Date of completion of well APRIL 13, 1964
 Type of well rig BUSVROS ERIE MODEL 60-L

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material	Water-bearing Formation, Casing Perforations, etc.
0	13	13	GRAVELY SOIL	Chief aquifer (water-bearing formation) from <u>30.6</u> to <u>45.6</u> ft.
13	46	33	GRAVEL	
46	217	171	CEMENTED GRAVEL	Other aquifers <u>CEMENTED GRAVEL WITH SMALL WATER SEAMS</u>
217	286	69	CLAY	
286	306	20	CEMENTED GRAVEL	First water at <u>46</u> feet. Casing perforated from <u>120</u> to <u>450</u> ft. Size of perforations <u>1/4" x 6"</u>
306	390	83	BLUE CLAY WITH GRAVEL	
390	456	66	CEMENTED GRAVEL	

LOG OF FORMATIONS—Continued

From feet	To feet	Thickness	Type of material

CASING RECORD

Diam. casing	From feet	To feet	Length	REMARKS—Seals, Grouting, etc.
16"	0	456	456	

GENERAL INFORMATION—Pumping Test, Quality of Water, etc.

THE WELL HAS NOT BEEN TEST PUMPED YET.

WATER VERY Good QUALITY

WELL DRILLER'S STATEMENT

This well was drilled under my jurisdiction and the above information is true to my best information and belief.

Signed *Ronald Jordan*
Well Driller

By.....

License No. *328*

Dated *MAY 16*, 19*64*

(Not to be filled in by Driller)

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48-6-17 DE 1964

To replace Log in file

WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

Log No. 8054
Rec. Oct 16 1964
Well No. _____
Permit No. 22107
Do not fill in

PLEASE COMPLETE THIS FORM IN ITS ENTIRETY

Owner Swallow Ranches Inc. Driller Virgil Valentine

Address P.O. Box 457 - Ely, Nevada Address Pine, Nevada Lic. No. 432

Location of well: S.W. 1/4 S.E. 1/4 Sec. 13, T. 11 N. 8, R. 67 E. in White Pine County
or _____

Water will be used for Irrigation Total depth of well 450'

Size of drilled hole 14" Weight of casing per linear foot _____

Thickness of casing 10 gauge Temp. of water _____

Diameter and length of casing 14" 340'
(Casing 12" in diameter and under give inside diameter; casing 12" in diameter give outside diameter.)

If flowing well give flow in c.f.s. or g.p.m. and pressure _____

If nonflowing well give depth of standing water from surface 10'

If flowing well describe control works _____
(Type and size of valve, etc.)

Date of commencement of well July 3, 1964 Date of completion of well September 15, 1964

Type of well rig Cable Tool

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0	12	12	soil
12	46	34	Clay - orange in color
46	50	4	Clay - white in color
50	58	8	gravel in clay
58	86	28	Clay with layers of sand
86	94	8	Clay with layers of gravel
94	125	31	Clay - orange in color
125	180	55	Clay with layers cemented gravel
180	260	80	Clay with layers of sand
260	300	40	Clay with layers of gravel
300	450	150	Clay - grey

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation)

from 58 to 94 ft.

Other aquifers 180' to 300ft

First water at 12 feet.

Casing perforated

from 16' to 336' ft.

Size of perforations

1/8" x 1 1/2"



LOG OF FORMATIONS—Continued

From feet	To feet	Thickness	Type of material
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CASING RECORD

Diam. casing	From feet	To feet	Length	"Remarks"—Seals, Grouting, Etc.
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GENERAL INFORMATION—Pumping Test, Quality of Water, Etc.

Ground water hole 12" for 94' cavity from 86' to 94'
containing 15 yds gravel.

WELL DRILLER'S STATEMENT

This well was drilled under my jurisdiction and the above information is true to my best information and belief.

Signed Daniel P. Tree
Well Driller

By Owner

License No. 30

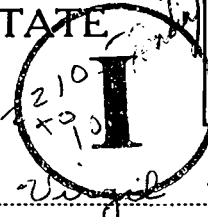
Dated Oct 13, 1964

(Not to be filled in by Driller)

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OCT 16 9 28 AM 1964
STATE ENGINEER
OFFICE

WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

PLEASE COMPLETE THIS FORM IN ITS ENTIRETY



Log No. 8121
 Rec. Oct 16 1964
 Well No. _____
 Permit No. _____
Do not fill in

Owner Swallow Ranches Inc. Driller Virgil Valentine
 Address P.O. Box 457 - Ely, Nevada Address Pioche, Nevada Lic. No. 432
 Location of well: N.E. 1/4 N.E. 1/4 Sec. 1, T. 11 N, R. 67 E, in White Pine County

Water will be used for Irrigation Total depth of well 200'
 Size of drilled hole 14" Weight of casing per linear foot _____

Thickness of casing 10 gauge Temp. of water _____

Diameter and length of casing 14" 200'
 (Casing 12" in diameter and under give inside diameter; casing 12" in diameter give outside diameter.)

If flowing well give flow in c.f.s. or g.p.m. and pressure _____

If nonflowing well give depth of standing water from surface 18'

If flowing well describe control works _____
 (Type and size of valve, etc.)

Date of commencement of well September 4, 1964 Date of completion of well September 21, 1964

Type of well rig Cable Tool

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material	Water-bearing Formation, Casing Perforations, Etc.
0	33	33	gravel	Chief aquifer (water-bearing formation)
33	64	31	gravel in clay	from <u>33</u> to <u>64</u> ft.
64	92	28	clay with layers cemented gravel	Other aquifers _____
92	114	22	cemented gravel	_____
114	200	86	clay with layers of gravel	_____
				First water at <u>28</u> feet.
				Casing perforated from <u>32'</u> to <u>200</u> ft.
				Size of perforations <u>1/8 x 1 1/2"</u>



LOG OF FORMATIONS—Continued

From feet	To feet	Thickness	Type of material

CASING RECORD

Diam. casing	From feet	To feet	Length	“Remarks”—Seals, Grouting, Etc.

GENERAL INFORMATION—Pumping Test, Quality of Water, Etc.

Well test by Rhodes Brothers - Tooele City, Utah
 .50 g.P.M from 100'
 Well maybe deepened at a later date

WELL DRILLER'S STATEMENT

This well was drilled under my jurisdiction and the above information is true to my best information and belief.

Signed Danell Free
 Well Driller

By Owner
 License No. 30

Dated Oct 13, 1964

(Not to be filled in by Driller)

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 1964 OCT 16 AM 9 28
 STATE ENGINEER
 OFFICE

WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

PLEASE COMPLETE THIS FORM IN ITS ENTIRETY

Log No. 0123
 Rec. Oct 16 1964
 Well No. _____
 Permit No. _____

Do not fill in

Owner Swallow Ranches Inc. Driller Virgil Valerise
 Address P.O. Box 457, Ely, Nevada Address Rioche, Nevada Lic. No. 132
 Location of well: $\frac{1}{4}$ $\frac{1}{4}$ Sec. 28, T. 14 N. 8 R. 66 E, in White Pine County
 or 4 miles East of Major road, Service Station Highway 93 South of Ely, Nev.
 Water will be used for Stock Total depth of well 220
 Size of drilled hole 8" Weight of casing per linear foot _____
 Thickness of casing 10 gauge Temp. of water _____
 Diameter and length of casing 6 5/8" I.D. 220'
 (Casing 12" in diameter and under give inside diameter; casing 12" in diameter give outside diameter.)
 If flowing well give flow in c.f.s. or g.p.m. and pressure _____
 If nonflowing well give depth of standing water from surface 160'
 If flowing well describe control works _____
 (Type and size of valve, etc.) _____
 Date of commencement of well September 23, 1964 Date of completion of well October 12, 1964
 Type of well rig Cable Tool

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0	50	50	hardpan with large boulders
50	195	145	cemented sand and gravel
195	205	10	clay
205	220	15	gravel

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation)

from 205 to 220 ft.

Other aquifers _____

First water at 162 feet.

Casing perforated

from 180' to 220 ft.

Size of perforations

1/8" x 8"



LOG OF FORMATIONS—Continued

From feet	To feet	Thickness	Type of material

CASING RECORD

Diam. casing	From feet	To feet	Length	"Remarks"—Seals, Grouting, Etc.

GENERAL INFORMATION—Pumping Test, Quality of Water, Etc.

WELL DRILLER'S STATEMENT

This well was drilled under my jurisdiction and the above information is true to my best information and belief.

Signed Danell Free
Well Driller

By Owner

License No. 30

Dated Oct 13, 1964

(Not to be filled in by Driller)

1964 OCT 16 AM 9 28
STATE ENGINEER
OFFICE

WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

PLEASE COMPLETE THIS FORM IN ITS ENTIRETY

Log No. 8326
 Rec. JAN 22 1965
 Well No. _____
 Permit No. 22016
24899 Do not fill in

Owner F. L. Edgar Jordan Driller C. B. Hill

Address Majors Station Fly Mo Address _____ Lic. No. 6313

Location of well: SE 1/4 NW 1/4 Sec 26, T. 13 N/S, R. 17 E, in White Pine County

or _____

Water will be used for Irrigation of Desert Land Entry Total depth of well 330

Size of drilled hole 14" Weight of casing per linear foot _____

Thickness of casing 1/4 Temp. of water _____

Diameter and length of casing 14" 20' length
(Casing 12" in diameter and under give inside diameter; casing 12" in diameter give outside diameter.)

If flowing well give flow in c.f.s. or g.p.m. and pressure _____

If nonflowing well give depth of standing water from surface 28'

If flowing well describe control works _____
(Type and size of valve, etc.)

Date of commencement of well Oct, 14, 1964 Date of completion of well Dec, 23, 1964

Type of well rig _____

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0'	65'	Top soil	Top soil
65'	75'		Loose Gravel } cemented clay } sand & Gravel } Water bearing
75'	235'		
235'	275'		
275'	300'		
300'	330'		Cement ← NO Water

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation)
 from 65 to 75 ft.

Other aquifers 235 to 275
Water bearing

First water at 65 feet.

Casing perforated
 from 65 to 320 ft.

Size of perforations
3" long by 1/2" wide



LOG OF FORMATIONS—Continued

From feet	To feet	Thickness	Type of material

CASING RECORD

Diam. casing	From feet	To feet	Length	"Remarks"—Seals, Grouting, Etc.
14'	0'	323'	20'	

GENERAL INFORMATION—Pumping Test, Quality of Water, Etc.

WELL DRILLER'S STATEMENT

This well was drilled under my jurisdiction and the above information is true to my best information and belief.

Signed L. B. Hill
Well Driller

By L. B. Hill

License No. 6313

Dated Jan 15, 1965

(Not to be filled in by Driller)

1965 JAN 22 11 10 55

RECORDED

WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

Log No. 90514
 Rec. 1/13 1966
 Well No. 10
 Permit No.

Do not fill in.

PLEASE COMPLETE THIS FORM IN ITS ENTIRETY

Owner Carl and/or Ruth Heever Driller R. W. Gibson
 Address Lenmon Valley, Nevada Address 455 Sidehill Dr. Lic. No. 7373
Sun Valley, Nev.
 Location of well: 1/4 NW 1/4 Sec. 4., T. 20N/S, R. 19E, in Washoe County County
M.D.B. & M.

Water will be used for Domestic Total depth of well 250 ft.

Size of drilled hole 12 inch Weight of casing per linear foot 188 wall

Thickness of casing 188 Temp. of water 40

Diameter and length of casing 8 inch 250 ft.
(Casing 12" in diameter and under give inside diameter; casing 12" in diameter give outside diameter.)

If flowing well give flow in c.f.s. or g.p.m. and pressure

If nonflowing well give depth of standing water from surface 50 ft.

If flowing well describe control works
(Type and size of valve, etc.)

Date of commencement of well May 2nd Date of completion of well May 29th

Type of well rig 82 Star

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material	Water-bearing Formation, Casing Perforations, etc.
00	15		topsoil, sand	
15	25		D.G. granite	
25	60		Sand, gravel, boulders	Chief aquifer (water-bearing formation)
60	110		sand, gravel, clay	from <u>178</u> to <u>175</u> ft.
110	172		sand, gravel, clay	Other aquifers
172	175		gravel	<u>175 to 235</u>
175	219		gravel and sand	<u>235 to 250</u>
219	235		gravel and sand	
235	250		granite boulder	
				First water at <u>60</u> feet.
				Casing perforated
				from <u>60</u> to <u>250</u> ft.
				Size of perforations
				<u>1/8</u>

LOG OF FORMATIONS—Continued

From feet	To feet	Thickness	Type of material

CASING RECORD

Diam. casing	From feet	To feet	Length	REMARKS—Seals, Grouting, etc.
.8 in	00	250	250	Grout seal 50 ft.

GENERAL INFORMATION—Pumping Test, or Boiling Test, Quality of Water, etc.

Two weeks pumping at 80 gals per minute.

Very Good.

WELL DRILLER'S STATEMENT

This well was drilled under my jurisdiction and the above information is true to my best information and belief.

Signed *R. M. Gibson*
Well Driller

By

License No. *359*

Dated *May 29*, 19*66*

(Not to be filled in by Driller)

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1966 JUL 13 AM 10 58

STATE ENGINEER
 OFFICE

WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

PLEASE COMPLETE THIS FORM IN ITS ENTIRETY

Log No. 915-7
 Rec. Sept 12 1966
 Well No. _____
 Permit No. 20889

Do not fill in.

Owner... Delbert D. Eldridge Driller... Delbert D. Eldridge

Address... Spring Valley, Ely, Nevada Address... Spring Valley, Ely, Nev. Lic. No. 7514

Location of well: ^{NW 1/4 NE 1/4} NW 1/4 NE 1/4 Sec. 13, T. 20 N/S, R. 66 E, in White Pine County

or... S. 31° 22' 42" E-5403.73 (well to SE T. corner)

Water will be used for irrigation Total depth of well 907'

Size of drilled hole 320' 16", 587' 12" Weight of casing per linear foot

Thickness of casing 160' of .250"-136' of .1875" Temp. of water Not taken

Diameter and length of casing diameter 16"; length 296' 4"
(Casing 12" in diameter and under give inside diameter; casing 12" in diameter give outside diameter.)

If flowing well give flow in c.f.s. or g.p.m. and pressure

If nonflowing well give depth of standing water from surface depth standing water 135'

If flowing well describe control works

(Type and size of valve, etc.)

Date of commencement of well March 3, 1964 Date of completion of well June 26, 1966

Type of well rig Bucyrus Erie 29T churn drill

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material	Water-bearing Formation, Casing Perforations, etc.
surface	4	4	silt	
4	13	9	gravel & sand	Chief aquifer (water-bearing formation)
13	27	14	gravely silt	from <u>298</u> to <u>305</u> ft.
27	31	4	clay	Other aquifers <u>217-228</u> ft.
31	39	8	gravely silt	<u>150-154</u> ft.
39	48	9	sandy silt	<u>220-245</u> ft.
48	54	6	gravel	<u>260-282</u> ft.
54	67	13	gravely clay	(Others shown in log)
67	85	18	clay	First water at <u>150</u> feet.
85	90	5	gravel	Casing perforated
90	150	60	gravely clay	from <u>135</u> to <u>296</u> ft.
150	154	4	water bearing gravel	Size of perforations
154	195	41	water bearing gravel with small, thin stratas of clay	<u>3 in. X 1/4 in.</u>
195	217	22	clay	
217	228	11	water bearing gravel, water raised from 150 to 135 feet from surface	
228	245	17	water bearing gravel	
245	260	15	gravely clay	
260	282	22	water bearing gravel with thin stratas of clay	
282	298	16	gravely clay	
298	305	7	water bearing gravel	

LOG OF FORMATIONS—Continued

From feet	To feet	Thickness	Type of material
305	335	30	clay hardpan
335	385	50	water bearing gravel with small stratas of clay
385	880	495	gravelly clay
880	882	2	water bearing sand
882	900	18	clay with large gravel
900	902	2	water bearing sand
902	907	5	clay with large gravel

CASING RECORD

Diam. casing	From feet	To feet	Length	REMARKS—Seals, Grouting, etc.
16"	surface	135'	135'	non-perforated
16"	135'	296'	161'	perforated-8 holes in circumference each 15 in. down casing

GENERAL INFORMATION—Pumping Test, Quality of Water, etc.

Water was measured with City of Ely weir, using State Engineer's measuring table. According to these measurements, well pumped 1925 gallons per minute. Water good quality, clear, average warmth.

WELL DRILLER'S STATEMENT

This well was drilled under my jurisdiction and the above information is true to my best information and belief.

Signed

D. H. Elbridge
Well Driller

By.....

License No. 7514

Dated

August 23, 1966

(Not to be filled in by Driller)

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1966 SEP 12 AM 11 22

STATE ENGINEER
Ely

WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

21720

Log No. 9365
 Rec. Jan 30 1967
 Well No. 5
 Permit No. 21720
 Do not fill in

PLEASE COMPLETE THIS FORM IN ITS ENTIRETY

Owner David A. Wittler Geyser Ranch - Ely Nevada
 Driller B & B Drilling Co

Address Lincoln County Nevada Address Beaver Utah Lic. No. 451

Location of well: NE 1/4 SE 1/4 Sec. 36, T. 10. N. 8, R. 5 E, in W.P. County

Water will be used for Irrigation Total depth of well 410

Size of drilled hole 2 1/4 inch 1 1/2" casing Length of casing per linear foot 35 lb

Thickness of casing 1/4 inch

Diameter and length of casing 1 1/2 inch 410 ft
(Casing 2" in diameter and under give inside diameter. 2" in diameter give outside diameter.)

If flowing well give flow in cfs. or g.p.m. and pressure

If nonflowing well give depth of standing water from surface 60 ft

If flowing well describe control works
(Type and size of valve, etc.)

Date of commencement of well 1st day April 1965 Date of completion of well 1st day May 1965

Type of well rig rotary

LOG OF FORMATION

From feet	To feet	Thickness feet	Description of formation	Water-bearing Formation, Casing Perforations, Etc.
0	5		Gravel	
3	10		Sandy clay	Chief aquifer (water-bearing formation)
10	22		Clay with sand	to
36	51		Clay	Other aquifers
61	78		Clay with sand	
68	85		Clay	
85	97		Clay with sand	
97	109		Clay with sand	
109	142		Clay with sand	
142	150		Clay	First water at <u>68 to 85</u> feet.
159	160		Clay with sand	
164	182		Sandy clay	Casing perforated
182	200		Sand & gravel	from <u>90</u> to <u>410</u> ft.
204	217		Clay	
217	230		Clay with sand	Size of perforations
236	242		Clay with sand	<u>1 1/4 inch</u>
242	244		Clay	
244	264		Clay	
264	270		Clay with sand	
270	307		gravel - clay	

copy mail to Geyser Ranch 7-12-66

LOG OF FORMATIONS—Continued

From feet	To feet	Thickness	Type of material
307	310		sand & gravel
310	339		clay
339	352		clay & Boulders
352	377		Hard clay
377	389		Boulders & clay
389	392		clay
392	409		Boulders
409	416		clay & gravel
416	468		Solid Rock

CASING RECORD

Diam. casing	From feet	To feet	Length	Remarks—Seals, Grouting, etc.

QTY. OF WATER FROM WELL

Time	Flow	Remarks	Pressure	Temperature
7.50	gal water from	175 ft		
6.60	✓	✓	✓	160 ✓
6.30	✓	✓	✓	140 ✓
5.80	✓	✓	✓	135 ✓

WELL DRILLER'S STATEMENT

(Not to be filled in by Driller)

This well was drilled under my jurisdiction and the above information is true to my best information and belief.

Signed Vito S. S. S.
Well Driller

By B + B Drilling Co.

License No. 451

Dated Jan 27, 1967

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5760 #

WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

Log No. 10173
 Rec. 2 1968
 Well No. Aug 2 1968
 Permit No. 24576

PLEASE COMPLETE THIS FORM IN ITS ENTIRETY

Do not fill in.

Owner Comstock Six Placer Inc. Driller Don E. Edridge
 Address 111 West Telegraph St. - C. C. Address Elko Nev Lic. No. 445
 Location of wells SW 1/4 S. E. 1/4 Sec. 21, T. 14 N/S, R. 67 E, in White Pine County
 Permit No. _____

Water will be used for mining & milling Total depth of well 154 Feet

Size of drilled hole 4 1/2 Weight of casing per linear foot _____

Thickness of casing 1/4 Temp. of water cool

Diameter and length of casing _____
(Casing 12" in diameter and under give inside diameter; casing 12" in diameter give outside diameter.)

If flowing well give flow in c.f.s. or g.p.m. and pressure _____

If nonflowing well give depth of standing water from surface 33 Feet

If flowing well describe control works _____
(Type and size of valve, etc.)

Date of commencement of well May 5 1968 Date of completion of well May 11, 1968

Type of well rig 60 ft.

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0	10	10	Top soil
10	55	45	Clay & silt
55	80	25	Gravel
80	154		Clay & silt

Water-bearing Formation, Casing Perforations, etc.

55 TO 154

Chief aquifer (water-bearing formation)

from 55 to 58 ft.

Other aquifers _____

First water at 55 feet.

Casing perforated

from 55 to 154 ft.

Size of perforations

1/2 to 3" dia



245-6

600

C.P.M.

LOG OF FORMATIONS—Continued

From feet	To feet	Thickness	Type of material

CASING RECORD

Diam. casing	From feet	To feet	Length	REMARKS—Seals, Grouting, etc.

GENERAL INFORMATION—Pumping Test, or Bailing Test, Quality of Water, etc.

WELL DRILLER'S STATEMENT

This well was drilled under my jurisdiction and the above information is true to my best information and belief.

Signed.....
Well Driller

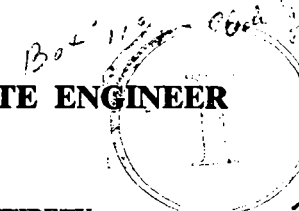
License No.....

Dated....., 19.....

(Not to be filled in by Driller)

CG

WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA



Log No. 10174
 Rec. Aug 2 1968
 Well No. 22544
 Permit No. 22544

Do not fill in.

PLEASE COMPLETE THIS FORM IN ITS ENTIRETY

Owner Robert L. Harbecke Driller Don E. Mides
 Address Spring Valley Route Ely Nev Address Ely Nev Lic. No. 485
 Location of well: N.E. 1/4 NW 1/4 Sec. 22, T. 13. N/S, R. 6.7. E, in White Pine County
 Permit No. 22544

Water will be used for Irrigation & Domestic Total depth of well 550

Size of drilled hole 10" Weight of casing per linear foot

Thickness of casing 1/4" Temp. of water cool

Diameter and length of casing
(Casing 12" in diameter and under give inside diameter; casing 12" in diameter give outside diameter.)

If flowing well give flow in c.f.s. or g.p.m. and pressure

If nonflowing well give depth of standing water from surface 57

If flowing well describe control works
(Type and size of valve, etc.)

Date of commencement of well JAN 10 / 68 Date of completion of well JAN 23 / 68

Type of well rig

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
		<u>56 Feet</u>	<u>16" Old Well</u>
<u>56</u>	<u>67</u>		<u>SILT</u>
<u>67</u>	<u>80</u>		<u>sand + SILT</u>
<u>80</u>	<u>114</u>		<u>Brown</u>
<u>114</u>	<u>200</u>		<u>Brown clay & sand</u>
<u>200</u>	<u>550</u>		<u>SILT & sand</u>

Water-bearing Formation, Casing Perforations, etc.

80 Feet TO 550

Chief aquifer (water-bearing formation)

from 80 to 114 ft.

Other aquifers

First water at _____ feet.

Casing perforated

from 80 to 550 ft.

Size of perforations

1/2" x 3" long



LOG OF FORMATIONS—Continued

From feet	To feet	Thickness	Type of material

CASING RECORD

Diam. casing	From feet	To feet	Length	REMARKS—Seals, Grouting, etc.

GENERAL INFORMATION—Pumping Test, or Bailing Test, Quality of Water, etc.

WELL DRILLER'S STATEMENT

This well was drilled under my jurisdiction and the above information is true to my best information and belief.

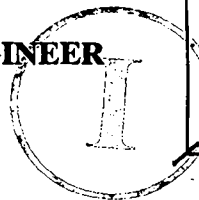
Signed.....
Well Driller

License No.....

Dated....., 19.....

(Not to be filled in by Driller)

WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA



Log No. 10175
 Rec. Aug. 2 1968
 Well No. 29219 24898
 Permit No. 23852

Do not fill in.

PLEASE COMPLETE THIS FORM IN ITS ENTIRETY

Owner J. Lynn Hanson Driller Don Eldridge
 Address 279 Tenipahua Hogan John 84221 Address _____ Lic. No. 415
 Location of well: SW 1/4 SE 1/4 Sec. 26, T. 13 N/S, R. 67 E, in _____ County
 Permit No. _____
 Water will be used for Irrigation Total depth of well 300
 Size of drilled hole 16 inch 8 Foot 243 10 inch 15 Foot Weight of casing per linear foot _____
 Thickness of casing 1/2 Temp. of water cool
 Diameter and length of casing 16" O.D. 10" I.D.
(Casing 12" in diameter and under give inside diameter; casing 12" in diameter give outside diameter.)
 If flowing well give flow in c.f.s. or g.p.m. and pressure _____
 If nonflowing well give depth of standing water from surface 44 feet
 If flowing well describe control works _____
(Type and size of valve, etc.)
 Date of commencement of well May 27/68 Date of completion of well June 9 1968
 Type of well rig 60 ft

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0	4	4	Top Soil
4	185	181	Gravel & Cobbles
181	195		Silt
195	262		Cemented sand & Gravel
262	300		Gravel & Cobbles

Water-bearing Formation, Casing Perforations, etc.

Chief aquifer (water-bearing formation) _____
 from _____ to _____ ft.
 Other aquifers _____

 First water at 271 feet.
 Casing perforated from 262 to 300 ft.
 Size of perforations 1/2" 3/8" 1/4" 3/16"

OFFICE USE ONLY
 Log No. 10216 15490
 Permit No. 15490
 Basin SPRING VAL.

WELL DRILLERS REPORT

Please complete this form in its entirety

1. OWNER Nevada State Department of Highways ADDRESS Equip. Div. - P. O. Box 930
 Reno, Nevada 89504

2. LOCATION SE 1/4 SW 1/4 Sec. 34 T. 14 N/S R. 66 E. White Pine County
 PERMIT NO.

3. TYPE OF WORK
 New Well Recondition
 Deepen Other
 4. PROPOSED USE
 Domestic Irrigation Test
 Municipal Industrial Stock
 5. TYPE WELL
 Cable Rotary
 Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Cemented Cong.		0	10'	10'
Hand Gravel & Boulders		10	95	85
Cemented Cong.		95	305	210
Cemented Cong. W/ streaks of clay		305	350	45
Sand & Gravel	1'	350	351	1
Cemented Cong. W/ streaks of clay		351	385	34
Sand and Gravel	1'	385	386	1
Cemented Cong W/ streaks of Clay		386	425	31
Sand & Gravel	1"	425	426	1
Cemented Cong W/ Streak of Clay		426	452	26

8. WELL CONSTRUCTION
 Diameter hole 9 inches Total depth 452 feet
 Casing record 455'
 Weight per foot Thickness 1/4

Diameter	From	To
10 inches	0 feet	50 feet
6 inches	0 feet	452 feet
inches		feet
inches		feet
inches		feet
inches		feet

 Surface seal: Yes No Type Groute
 Depth of seal feet
 Gravel packed: Yes No
 Gravel packed from 50 feet to 452 feet
 Perforations:
 Type perforation Torch Cut
 Size perforation 1/8 x 5" 5 to the round
 From 330 feet to 452 feet
 From feet to feet
 From feet to feet
 From feet to feet
 From feet to feet

9. WATER LEVEL
 Static water level 102 Feet below land surface 350
 Flow G.P.M. 25 gal.
 Water temperature 65 ° F. Quality

Date started June 27, 19 68
 Date completed August 10, 19 68

7. WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump
	25	7	9 hrs.

10. DRILLERS CERTIFICATION
 This well was drilled under my supervision and the report is true to the best of my knowledge.
 Name /S/ James A. Wakeling
 Address Dept. of Highways, Box 930, Reno
 Nevada contractor's license number NSHD
 Nevada driller's license number 554
 Signed /S/ James A. Wakeling
 Date 8/12/68

BAILER TEST

G.P.M.	Draw down	feet	hours

NEVADA STATE DEPARTMENT OF HEALTH
FOOD AND DRUG LABORATORY
755 Ryland Street Reno 215 E. Bonanza Las Vegas

COUNTY... WHITE PINE
T. 14 R. 66 Sec. 34 No.
Area... Connors Pass

WATER ANALYSIS REPORT

Laboratory Number... 25493 Date sample taken... 8-10-68
Submitted by... Nev. State Highway Dept. Date sample received... 8-12-68
Source... Well If well: Permit
Temperature... 65 Depth... 452 ft.
Reason for analysis... Domestic check Cased
Location: Diam... 6"
City or county Construction method
Street or other
Use... domestic How many served
Owner... Nevada State Highway Dept.
Submit report to: Same
Street... P. O. Box 930
City... Reno, Nevada 89504
Special requests

RESULT OF TESTING

Table with 3 columns: Test Name, Value, and Unit. Rows include Color (0), Turbidity (0.63), Sediment (0), pH value (7.72), Total dissolved solids (250.0 ppm), Alkalinity (194.0 ppm), Bicarbonate (232.0 ppm), Carbonate (0.0 ppm), Total iron (0.08 ppm), Total hardness (CaCO3) (216.0 ppm), Calcium (49.65 ppm), Magnesium (22.30 ppm), Sulfate (36.0 ppm), Chloride (8.0 ppm), Nitrate (1.3 ppm), Sodium and Potassium (12.79 ppm).

Chemist... /S/ Louis Rossi

- 1. [x] Analysis of this sample indicates its chemical quality is within limits recommended by the State Health Department Water Supply Regulations.
2. [] Analysis of this sample indicates the following exceed the amounts recommended by the State Health Department Water Supply Regulations:

Comments:

WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

Log No. 10432
 Rec. 19
 Well No.
 Permit No. Spring Val
Do not fill in

Owner Bureau of Land Management Driller Perry Brothers
 Address Fly, Nevada Address 2033 N. Navajo Dr. Flagstaff, Arizona Lic. No 278
 Location of well: N.W. 1/4 S.W. 1/4 Sec 31, T.24 N. 8, R. 6 E, in White Pine County
 or Henried Seeding Well
 Water will be used for Stockwater Total depth of well 211 ft.
 Size of drilled hole 8" Weight of casing per linear foot 18#
 Thickness of casing .280 Temp. of water Not Known
 Diameter and length of casing 6" ID-213 ft 5 in
(Casing 12" in diameter and under give inside diameter; casing 12" in diameter give outside diameter.)
 If flowing well give flow in c.f.s. or g.p.m. and pressure _____
 If nonflowing well give depth of standing water from surface 140 ft.
 If flowing well describe control works _____
(Type and size of valve, etc.)
 Date of commencement of well 9/15/66 Date of completion of well 9/19/66
 Type of well rig 28 L Bucyrus Erie Cable Tool Rig

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material	Water-bearing Formation, Casing Perforations, Etc.
0	211	211	Clay & Gravel	Chief aquifer (water-bearing formation) from <u>175</u> to <u>211</u> ft. Other aquifers _____ _____ _____ First water at <u>175</u> feet. Casing perforated from <u>179</u> to <u>211</u> ft. Size of perforations <u>6 Row 1/16 x 3"</u>

Log No. 10434
Permit No. 23556
Basin Spring Valley

WELL DRILLERS REPORT

Please complete this form in its entirety.

1. OWNER REX L. FRANSEN ADDRESS Rt. 4 Box 142 - Blackfoot Idaho

2. LOCATION SW 1/4 SW 1/4 Sec. 22 T. 14 N. R. 67 E. White Pine County
PERMIT NO. 23556

3. TYPE OF WORK	4. PROPOSED USE	5. TYPE WELL
New Well <input checked="" type="checkbox"/> Recondition <input type="checkbox"/>	Domestic <input checked="" type="checkbox"/> Irrigation <input type="checkbox"/> Test <input type="checkbox"/>	Cable <input type="checkbox"/> Rotary <input type="checkbox"/>
Deepen <input type="checkbox"/> Other <input type="checkbox"/>	Municipal <input type="checkbox"/> Industrial <input type="checkbox"/> Stock <input type="checkbox"/>	Other <input type="checkbox"/>

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Clay + Large Rocks		0	20	20
Clay + Small Rocks		20	40	20
Clay + Gravel		40	50	10
Clay + Mostly Gravel		50	64	
First Water	x		64	
Clay + Rock		64	70	6
Clay + Rock		70	80	10
Clay + Rock		80	90	10
Clay + mostly Sm. Gravel		90	105	15

8. WELL CONSTRUCTION

Diameter hole 16 inches Total depth 100 feet

Casing record.....

Weight per foot..... Thickness 1/4

Diameter	From	To
<u>16</u> inches	<u>0</u> feet	<u>100</u> feet
..... inches	..... feet	..... feet
..... inches	..... feet	..... feet
..... inches	..... feet	..... feet
..... inches	..... feet	..... feet
..... inches	..... feet	..... feet

Surface seal: Yes No Type.....

Depth of seal..... feet

Gravel packed: Yes No

Gravel packed from..... feet to..... feet

Perforations:

Type perforation.....

Size perforation.....

From..... feet to..... feet

From..... feet to..... feet

From..... feet to..... feet

From..... feet to..... feet

From..... feet to..... feet

Date started....., 19.....
Date completed....., 19.....

7. WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump

BAILER TEST

G.P.M. Draw down..... feet hours

G.P.M. Draw down..... feet hours

G.P.M. Draw down..... feet hours

9. WATER LEVEL

Static water level..... Feet below land surface.....

Flow..... G.P.M.....

Water temperature..... ° F. Quality.....

10. DRILLERS CERTIFICATION

This well was drilled under my supervision and the report is true to the best of my knowledge.

Name REX L. FRANSEN

Address.....

Nevada contractor's license number.....

Nevada driller's license number.....

Signed.....

Date.....

Log taken from letter dated 2-3-69 & filed with Permit.

WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA



Log No. 10440
 Rec. 19 69
 Well No. _____
 Permit No. Spring, Va!
 Do not fill in

Owner Bureau of Land Management Driller Perry Brothers
2033 N. Navajo Dr.
 Address Ely, Nevada Address Flagstaff, Arizona Lic. No. 278
 Location of well: SE 1/4 SW 1/4 Sec. 21, T. 12 N. 3, R. 6 E, in White Pine County _____
 or Dales Seeding Well
 Water will be used for Stockwatering Total depth of well 631
 Size of drilled hole 8" Weight of casing per linear foot 18#
 Thickness of casing .250 Temp. of water Not Known
 Diameter and length of casing 6" ID & 633 ft 8 In.
(Casing 12" in diameter and under give inside diameter; casing 12" in diameter give outside diameter.)
 If flowing well give flow in c.f.s. or g.p.m. and pressure _____
 If nonflowing well give depth of standing water from surface 564 ft
 If flowing well describe control works _____
(Type and size of valve, etc.)
 Date of commencement of well 8/26/66 Date of completion of well 9/13/66
 Type of well rig 28 L Bucyrus Erie Cable Tool Rig

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0)	10	10	Soil, Clay & Gravel
10	260	250	Clay & Gravel
260	362	102	Soft Black Limestone
362	370	8	Yellow Caliche
370	631	261	Gray & Yellow Limestone

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation)
 from 595 to 625 ft.

Other aquifers _____

First water at 595 feet.

Casing perforated
 from 597' 6" to 631' ft.

Size of perforations
6 Row 1/16 x 3"

DIVISION OF WATER RESOURCES

WELL DRILLERS REPORT

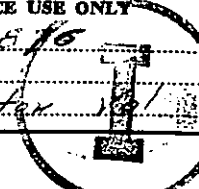
Please complete this form in its entirety

OFFICE USE ONLY

Log No. 10676

Permit No. _____

Basin Clayton



1. OWNER Foote Mineral ADDRESS Silver Peak, Nevada

2. LOCATION SE 1/4 SW 1/4 Sec. 8 T. 2 N/S R. 40 E County _____

3. TYPE OF WORK

New Well Recondition

Deepen Replace Other

4. PROPOSED USE Lithium X

Domestic Irrigation Test

Municipal Industrial Stock

5. TYPE WELL

Cable Rotary

Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Fine sand and yellow clay		1	14	14
Blue clay		14	24	10
Salt		24	26	2
Multicolored clays		26	84	57
Blue clay with salt layers		84	94	10
Multicolored clays		94	219	125
White pumice		219	223	4
Gray clay		223	227	4
White pumice		227	236	9
Multicolored clays		236	458	222

8. WELL CONSTRUCTION

Diameter hole 24 inches Total depth 458 feet

Casing record _____

Weight per foot _____ Thickness .250

Diameter	From	To
24 inches	0 feet	38-4 feet
12 inches	0 feet	458 feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet

Surface seal: Yes No Type Cement

Depth of seal 38-4 feet

Gravel packed: Yes No

Gravel packed from 0 feet to 458 feet

Perforations:

Type perforation slot

Size perforation 3/16 X 1 1/2

From 36 feet to 458 feet

From _____ feet to _____ feet

From _____ feet to _____ feet

From _____ feet to _____ feet

From _____ feet to _____ feet

9. WATER LEVEL

Static water level 46 Feet below land surface

Flow _____ G.P.M.

Water temperature _____ ° F. Quality _____

Date started 1-14-70, 19____

Date completed 1-19-70, 19____

7. WELL TEST DATA by others

Pump RPM	G.P.M.	Draw Down	After Hours Pump

10. DRILLERS CERTIFICATION

This well was drilled under my supervision and the report is true to the best of my knowledge.

Name Cope Drilling & Pump Co.

Address Box 1196-Idaho Falls, Idaho

Nevada contractor's license number _____

Nevada driller's license number 593

Signed Charles Cope

Date 1-28-70

BAILER TEST

G.P.M. _____ Draw down _____ feet _____ hours

G.P.M. _____ Draw down _____ feet _____ hours

G.P.M. _____ Draw down _____ feet _____ hours

Log No. 10934

Permit No. _____

Basin Spring Valley

WELL DRILLERS REPORT

Please complete this form in its entirety

1. OWNER Freel Farmworth

ADDRESS Ely Nevada

2. LOCATION SE 1/4 SE 1/4 Sec. 13 T. 12 N N/S R. 67 E White Pine County
 PERMIT NO. _____

3. TYPE OF WORK	4. PROPOSED USE	5. TYPE WELL
New Well <input checked="" type="checkbox"/> Recondition <input type="checkbox"/>	Domestic <input type="checkbox"/> Irrigation <input checked="" type="checkbox"/> Test <input type="checkbox"/>	Cable <input checked="" type="checkbox"/> Rotary <input type="checkbox"/>
Deepen <input type="checkbox"/> Other <input type="checkbox"/>	Municipal <input type="checkbox"/> Industrial <input type="checkbox"/> Stock <input type="checkbox"/>	Other <input type="checkbox"/>

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
clay		0	4	4
gravel		4	40	36
clay		40	52	12
gravel	57	52	55	3
clay & gravel		55	71	16
gravel	71	71	76	5
clay		76	91	15
gravel	91	91	108	17
clay		108	140	32
sand & clay		140	154	14
gravel	154	154	168	12
clay		168	178	10
gravel	178	178	180	2
clay		180	191	11
gravel	191	191	192	2
sand stone		192	204	12
clay		204	220	16

8. WELL CONSTRUCTION

Diameter hole 16" inches Total depth 220 feet

Casing record _____

Weight per foot _____ Thickness 1/4"

Diameter	From	To
<u>16"</u> inches	<u>0</u> feet	<u>220</u> feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet

Surface seal: Yes No Type _____

Depth of seal _____ feet

Gravel packed: Yes No

Gravel packed from _____ feet to _____ feet

Perforations:

Type perforation mill knife

Size perforation 1/4"

From 88' feet to 192 feet

From _____ feet to _____ feet

From _____ feet to _____ feet

From _____ feet to _____ feet

From _____ feet to _____ feet

9. WATER LEVEL

Static water level 37' Feet below land surface 37'

Flow _____ G.P.M.

Water temperature _____ ° F. Quality _____

Date started Feb 16, 1970

Date completed 11 25, 1970

7. WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump

10. DRILLERS CERTIFICATION

This well was drilled under my supervision and the report is true to the best of my knowledge.

Name Steve Kowchack

Address PO Box 536 Gardnerville nev

Nevada contractor's license number 4817

Nevada driller's license number 545

Signed Steve Kowchack

Date Feb 25 1970

BAILER TEST

G.P.M.	Draw down	feet	hours

WELL DRILLERS REPORT

Log No. 11720
Permit No. 26228
Basin Spring & Cambrian

Please complete this form in its entirety

1. OWNER F. H. H. H. Co. ADDRESS Spring Valley Ely Nev

2. LOCATION 2.1 1/4 2.5 1/4 Sec. 11. T. 13 N/S R. 67 E. Wyo. T. Mine County Wyo.
PERMIT NO. _____

<p>3. TYPE OF WORK</p> <p>New Well <input type="checkbox"/> Recondition <input type="checkbox"/> Deepen <input checked="" type="checkbox"/> Other <input type="checkbox"/></p>	<p>4. PROPOSED USE</p> <p>Domestic <input type="checkbox"/> Irrigation <input checked="" type="checkbox"/> Test <input type="checkbox"/> Municipal <input type="checkbox"/> Industrial <input type="checkbox"/> Stock <input type="checkbox"/></p>	<p>5. TYPE WELL</p> <p>Cable <input checked="" type="checkbox"/> Rotary <input type="checkbox"/> Other <input type="checkbox"/></p>
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6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Capit wall		115	120	5
Co. & talc shales		120	140	20
Sand shale		140	156	16
Shaly clay		156	230	74
Clay		230	274	44

8. WELL CONSTRUCTION

Diameter hole 16 inches Total depth 274 feet
 Casing record 274
 Weight per foot _____ Thickness 1/2
 Diameter From To
 _____ inches _____ feet _____ feet
 _____ inches _____ feet _____ feet
 _____ inches _____ feet _____ feet
 _____ inches _____ feet _____ feet
 _____ inches _____ feet _____ feet
 _____ inches _____ feet _____ feet

Surface seal: Yes No Type _____
 Depth of seal _____ feet
 Gravel packed: Yes No
 Gravel packed from C feet to 118 feet

Perforations:
 Type perforation Tenacity
 Size perforation 1/4" 600 mesh
 From 100 feet to 268 feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet

9. WATER LEVEL

Static water level 7.2 Feet below land surface
 Flow _____ G.P.M.
 Water temperature _____ ° F. Quality _____

Date started July 31, 19 71
 Date completed August 7, 19 71

7. WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump

10. DRILLERS CERTIFICATION

This well was drilled under my supervision and the report is true to the best of my knowledge.

Name F. B. Hick Drilling
 Address P.O. Box 756 Ely Nev 89315
 Nevada contractor's license number 10705
 Nevada driller's license number 638
 Signed F. B. Hick
 Date Aug
Ronald Woodbridge

BAILER TEST

G.P.M. _____	Draw down _____ feet	_____ hours
G.P.M. _____	Draw down _____ feet	_____ hours
G.P.M. _____	Draw down _____ feet	_____ hours

OFFICE USE ONLY
 Log No. 11974-26253
 Permit No. 23907-26229
 Basin White Pine

WELL DRILLERS REPORT

Please complete this form in its entirety

1. OWNER Fern A. Harbocke ADDRESS Spring Valley Rte Ely Nev
 2. LOCATION S E 1/4 S W 1/4 Sec. 15 T. 13 N N/S R. 67 E. White Pine County
 PERMIT NO. _____

3. TYPE OF WORK
 New Well Recondition
 Deepen Other

4. PROPOSED USE
 Domestic Irrigation Test
 Municipal Industrial Stock

5. TYPE WELL
 Cable Rotary
 Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Old well		13 1/2	feet	
consolidated cobbles stone		13 1/2	22	
silt & gravel		22	26	
consolidated sand		26	30	
silt & gravel		30	34	
consolidated cobbles stone		34	70	
silt & gravel		70	100	
hard & water		100	104	
silt & clay		104	130	
water sand		130	131	
silt & gravel		131	160	
water sand		160	164	
clay & gravel		164	320	
consolidated sand		320	390	
clay		390	440	
consolidated cobbles stone		440	487	

8. WELL CONSTRUCTION
 Diameter hole 16 inches Total depth 487 feet
 Casing record 2 1/2" x 1/2" 16' 2 1/2" x 1/2" 16'
 Weight per foot _____ Thickness 1/4"

Diameter	From	To
inches	feet	feet
inches	feet	feet
inches	feet	feet
inches	feet	feet
inches	feet	feet
inches	feet	feet

Surface seal: Yes No Type _____
 Depth of seal _____ feet
 Gravel packed: Yes No
 Gravel packed from _____ feet to _____ feet

Perforations:
 Type perforation Knife
 Size perforation 1/2" - 1/4" holes
 From 100 feet to 487 feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet

9. WATER LEVEL
 Static water level _____ Feet below land surface
 Flow _____ G.P.M.
 Water temperature _____ ° F. Quality _____

Date started Oct 7 1971
 Date completed March 28 1971

7. WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump

BAILER TEST
 G.P.M. _____ Draw down _____ feet _____ hours
 G.P.M. _____ Draw down _____ feet _____ hours
 G.P.M. _____ Draw down _____ feet _____ hours

10. DRILLERS CERTIFICATION
 This well was drilled under my supervision and the report is true to the best of my knowledge.
 Name F. B. Harbocke
 Address PO Box 756 Ely Nev
 Nevada contractor's license number 10705
 Nevada driller's license number 653
 Signed Donald Ken Eldridge
 Date May 5th 19-71

OFFICE USE ONLY
Log No. 12159
Permit No. 24900
Basin. Spring Valley
29206

WELL DRILLERS REPORT

Please complete this form in its entirety

1. OWNER J. Lynn Larson ADDRESS 279 Temple View Drive
Laqan Ulahi 7432
2. LOCATION SE 1/4 NW 1/4 Sec. 26 T. 13 N/R. 67 E. White Pine County
PERMIT NO. 24900

3. TYPE OF WORK
New Well Recondition
Deepen Other
4. PROPOSED USE
Domestic Irrigation Test
Municipal Industrial Stock
5. TYPE WELL
Cable Rotary
Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Soil + Clay		0	74	74
Gravel		74	78	4
Clay		78	108	30
Gravel layers about every 30-35' with water.				
The best strata was				
		240	247	7

Log from information contained in notes dated Mar. 21, 1972 HCL

8. WELL CONSTRUCTION
Diameter hole.....inches Total depth 260 feet
Casing record.....
Weight per foot.....Thickness.....
Diameter From To
16 inches 0 feet 260 feet
10 inches 26 feet 320 feet
.....inches.....feet.....feet
.....inches.....feet.....feet
.....inches.....feet.....feet
Surface seal: Yes No Type.....
Depth of seal.....feet
Gravel packed: Yes No
Gravel packed from.....feet to.....feet
Perforations:
Type perforation.....
Size perforation.....
From.....feet to.....feet
From.....feet to.....feet
From.....feet to.....feet
From.....feet to.....feet
From.....feet to.....feet

Date started....., 19.....
Date completed....., 19.....

9. WATER LEVEL
Static water level.....Feet below land surface.....
Flow.....G.P.M.
Water temperature.....° F. Quality.....

7. WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump
	<u>1600</u>		

10. DRILLERS CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name Geo Eldridge
Address.....
Nevada contractor's license number.....
Nevada driller's license number.....
Signed.....
Date.....

BAILER TEST

G.P.M.....	Draw down.....feet	.....hours
G.P.M.....	Draw down.....feet	.....hours
G.P.M.....	Draw down.....feet	.....hours

Log No. 12213

Permit No. 26507

Basin. WARD

WELL DRILLERS REPORT

Please complete this form in its entirety

1. OWNER James B & Gay M Rasmussen ADDRESS Box 1342
McGill, Nevada 89318

2. LOCATION S.E. 1/4 N.E. 1/4 Sec. 22 T. 13 N/S.R. 67 E. White Pine County
PERMIT NO.

3. TYPE OF WORK
New Well Recondition
Deepen Other

4. PROPOSED USE
Domestic Irrigation Test
Municipal Industrial Stock

5. TYPE WELL
Cable Rotary
Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Silt & Top Soil		0	20	20
Sand & Clay	✓	20	75	55
Clay		75	90	15
Sand	✓	90	100	10
Clay		100	105	5
Sand	✓	105	120	15
Clay		120	240	120
Sand	✓	240	250	10
Clay		250	270	20
Sand	✓	270	275	5
Clay		275	300	25

8. WELL CONSTRUCTION
Diameter hole 8 inches Total depth 300 feet
Casing record New Steel
Weight per foot 36 lbs Thickness .250

Diameter	From	To
8 inches	0 feet	300 feet
inches	feet	feet
inches	feet	feet
inches	feet	feet
inches	feet	feet
inches	feet	feet

Surface seal: Yes No Type Band Aqua-Gel
Depth of seal 50 ft. feet
Gravel packed: Yes No
Gravel packed from 50 feet to 80 feet

Perforations:
Type perforation Machine
Size perforation 1/4" x 4"
From 50 feet to 90 feet
From 200 feet to 300 feet
From feet to feet
From feet to feet
From feet to feet

9. WATER LEVEL
Static water level 60 Feet below land surface
Flow No G.P.M.
Water temperature 50.° F. Quality Good

Date started Jan 27, 1972
Date completed Feb 10, 1972

7. WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump

10. DRILLERS CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.

Name J.D. Hill Drilling Co.
Address Ely, Nevada
Nevada contractor's license number 6311
Nevada driller's license number 14

Signed Joseph H. Smith - Manager
Date Feb 10, 1972
License # 584

BAILER TEST
G.P.M. 35 Draw down 0 feet 1/2 hours
G.P.M. Draw down feet hours
G.P.M. Draw down feet hours

Log No. 12475
Permit No. _____
Basin Spring Valley

WELL DRILLERS REPORT

Please complete this form in its entirety

1. OWNER Richard Swallow Jr. ADDRESS Ely, Nevada
2. LOCATION N.W 1/4 N.W 1/4 Sec. 26 T. 13 N/R. 67 E. White Pine County
PERMIT NO. _____

3. TYPE OF WORK: New Well Recondition Deepen Other
4. PROPOSED USE: Domestic Irrigation Industrial Municipal Test Stock
5. TYPE WELL: Cable Rotary Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
<u>top soil</u>		<u>0</u>	<u>4</u>	<u>4</u>
<u>Clay with layers gravel</u>		<u>4</u>	<u>5-0</u>	<u>4-6</u>
<u>Consolidated gravel</u>		<u>5-0</u>	<u>6-7</u>	<u>1-7</u>
<u>gravel</u>		<u>6-7</u>	<u>9-3</u>	<u>2-8</u>
<u>gravel in clay</u>		<u>9-3</u>	<u>100</u>	<u>3-</u>

8. WELL CONSTRUCTION
Diameter hole 10 inches Total depth 100 feet
Casing record 6" 100'
Weight per foot _____ Thickness 3/16
Diameter _____ inches From _____ feet To _____ feet
Surface seal: Yes No Type _____
Depth of seal _____ feet
Gravel packed: Yes No
Gravel packed from by owner feet to _____ feet
Perforations:
Type perforation torch
Size perforation 1/4 x 10"
From 7.0 feet to 100 feet

9. WATER LEVEL
Static water level 65 Feet below land surface 65
Flow _____ G.P.M.
Water temperature cold ° F. Quality good

Date started July 11, 19 72
Date completed July 18, 19 72

7. WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump

10. DRILLERS CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name Darell Free
Address Panaca, Nevada
Nevada contractor's license number 3422
Nevada driller's license number 30
Signed Darell Free
Date July 25, 1972

BAILER TEST
G.P.M. 10 Draw down _____ feet 2 hours
G.P.M. _____ Draw down _____ feet _____ hours
G.P.M. _____ Draw down _____ feet _____ hours

OFFICE USE ONLY
Log No. 12584
Permit No. _____
Basin Spring V CARD

WELL DRILLERS REPORT

Please complete this form in its entirety

1. OWNER Eric Peterson ADDRESS Spring Valley Rd. Ely Nev. 89301

2. LOCATION N.W. 1/4 S.W. 1/4 Sec. 30 T. 17 N/S R. 67 E. White Pine County
PERMIT NO. _____

3. TYPE OF WORK	4. PROPOSED USE	5. TYPE WELL
New Well <input checked="" type="checkbox"/> Recondition <input type="checkbox"/>	Domestic <input checked="" type="checkbox"/> Irrigation <input type="checkbox"/> Test <input type="checkbox"/>	Cable <input checked="" type="checkbox"/> Rotary <input type="checkbox"/>
Deepen <input type="checkbox"/> Other <input type="checkbox"/>	Municipal <input type="checkbox"/> Industrial <input type="checkbox"/> Stock <input type="checkbox"/>	Other <input type="checkbox"/>

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
<u>Fill dirt</u>		<u>0</u>		<u>4'</u>
<u>Clay</u>		<u>4</u>		<u>20</u>
<u>Water chbble Stone Clay</u>		<u>20</u>		<u>25</u>
<u>Rocky Clay</u>		<u>25</u>		<u>80</u>
<u>Water Sandstone chbble Stone</u>		<u>80</u>		<u>100'</u>

8. WELL CONSTRUCTION

Diameter hole 6 inches Total depth 100 feet
 Casing record 1/4 well
 Weight per foot _____ Thickness _____

Diameter	From	To
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet

Surface seal: Yes No Type _____
 Depth of seal 50 ft. feet
 Gravel packed: Yes No
 Gravel packed from _____ feet to _____ feet

Perforations:
 Type perforation torch
 Size perforation 1/4 X 12
 From _____ feet to _____ feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet

Date started Aug 30, 1972
Date completed Aug 26, 1972

9. WATER LEVEL

Static water level flashing Feet below land surface
 Flow 0 gals G.P.M.
 Water temperature _____ ° F. Quality _____

7. WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump

10. DRILLERS CERTIFICATION

This well was drilled under my supervision and the report is true to the best of my knowledge.

Name F.B. Hicks Drilling Co
 Address Box 756 East Ely Nevada
 Nevada contractor's license number 10705
 Nevada driller's license number 653
 Signed Donald Lee Eldridge
 Date 8-31-72

BAILER TEST

G.P.M. _____	Draw down _____ feet	_____ hours
G.P.M. _____	Draw down _____ feet	_____ hours
G.P.M. _____	Draw down _____ feet	_____ hours

OFFICE USE ONLY
Log No. 13246
Permit No.
Basin 25524

WELL DRILLERS REPORT

Please complete this form in its entirety

1. OWNER: SPACE METALS INC ADDRESS: 920 CONT. BANK BUILDING
SALT LAKE CITY
2. LOCATION: SE 1/4 SE 1/4 Sec. 16 T. 14 N. N/S R. 67 E. WHITE PINE County
PERMIT NO. 25524

3. TYPE OF WORK: New Well [X] Recondition [] Deepen [] Other []
4. PROPOSED USE: Domestic [] Irrigation [] Test [] Municipal [] Industrial [X] Stock []
5. TYPE WELL: Cable [X] Rotary [] Other []

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Top Soil		1	4	
Gravel & clay		4	30	
Clay		30	35	
Gravel		35	40	5
Clay & Gravel		40	60	
Clay		60	80	
Gravel		80	90	10
Clay		90	120	
Gravel		120	130	10
Clay		130	135	
Clay & Gravel		135	155	
Gravel & Sand		155	165	10
Clay		165	185	
Sandy clay		185	195	
Clay		195	200	

8. WELL CONSTRUCTION
Diameter hole: 14 inches Total depth: 200 feet
Casing record: 1 1/2" O.D.
Weight per foot: Thickness: 1/4
Diameter: 14 inches From: 0 feet To: 200 feet
Surface seal: Yes [] No [X] Type: _____
Depth of seal: _____ feet
Gravel packed: Yes [] No [X]
Gravel packed from: _____ feet to: _____ feet
Perforations:
Type perforation: 4 Trench
Size perforation: 6 x 0.5 12' long 3/8" W.T.
From: 50 feet to 190 feet
From: _____ feet to _____ feet
From: _____ feet to _____ feet
From: _____ feet to _____ feet
From: _____ feet to _____ feet

9. WATER LEVEL
Static water level: _____ Feet below land surface: 20
Flow: _____ G.P.M.
Water temperature: _____ ° F. Quality: _____

Date started: July 1970
Date completed: Aug 1970

7. WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump
1760	200	60	4 hrs.

10. DRILLERS CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name: TIM SCHOOLEY
Address: Box 833, Ely, Nev
Nevada contractor's license number: 9557
Nevada driller's license number: 515
Signed: Jim Schooley
Date: 9/2/70

BAILER TEST

G.P.M.	Draw down	feet	hours

WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA



Log No. 13700
 Rec. 19
 Well No. _____
 Permit No. 27378
Do not fill in

Owner Reed Robison Driller J. S. Lee & Sons
 Address Ely, Nevada Address Salt Lake City, Utah Lic. No. 491
 Location of well: NE 1/4 NW 1/4 Sec. 14, T. 19N R. 66E, in White Pine County
 or _____
 Water will be used for Irrigation Total depth of well 815
 Size of drilled hole 16" to 590', 12" to 805' Weight of casing per linear foot _____
 Thickness of casing 16" .312, 12" .312 Temp. of water Not Known
 Diameter and length of casing 16" - (0-590'), 12" - (580'-805')
 (Casing 12" in diameter and under give inside diameter; casing 12" in diameter give outside diameter.)
 If flowing well give flow in c.f.s. or g.p.m. and pressure _____
 If nonflowing well give depth of standing water from surface 50 Feet
 If flowing well describe control works _____
 (Type and size of valve, etc.) 7-25-59
 Date of commencement of well 1st. 6-1-59 2nd. 9-7-72 Date of completion of well 10-22-72
 Type of well rig 72 Speed Star

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0	7	7	Hard Clay & Rock
7	20	13	Dry Gravel
20	36	16	Sandy Clay
36	67	31	Clay & Gravel
67	88	21	Sandy Clay
88	93	5	Conglomerate
93	140	47	Clay & Gravel
140	174	34	Sandy Clay
174	181	7	Clay & Gravel
181	184	3	Gravel (Water)
184	239	55	Clay & Gravel
239	242	3	Gravel (Water)
242	291	49	Sticky Clay
291	294	3	Gravel (Water)
294	313	19	Sticky Clay
313	317	4	Gravel (Water)
317	359	42	Clay
359	435	76	Gravel (Water)
435	553	118	Sticky Clay
453	470	17	Conglomerate
470	478	8	Sand & Gravel
478	502	24	Clean Gravel (Water)
502	522	20	Clay & Gravel
512	517	5	Sticky Clay
517	527	10	Gravel (Water)
527	542	15	Clay & Gravel
542	580	38	Gravel (Water)
580	590	10	Clay & Gravel

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation)
 from 239 to 242 ft.

Other aquifers 291-294
313-317, 359-435
478-502, 517-527
542-580, 620-770

First water at 181 feet.

Casing perforated
 from Same as above ft.

Size of perforations
3/8" x 1 1/8"

LOG OF FORMATIONS—Continued

From feet	To feet	Thickness	Type of material
590	606	16	Sand
606	645	34	Conglomerate
645	647	2	Clay
647	658	11	Clay & Gravel
658	666	8	Conglomerate
666	671	5	Sticky Clay
671	702	31	Clay & Gravel
702	722	20	Sticky Clay & Gravel
722	731	9	Conglomerate
731	735	4	Hard Clay & Gravel
735	750	15	Sticky Clay & Gravel
750	770	20	Clay & Gravel
770	790	20	Clay & Gravel
790	795	5	Hard Rock
795-815		20	Sticky White Shale

CASING RECORD

Diam. casing	From feet	To feet	Length	"Remarks"—Seals, Grouting, Etc.
16	0	590	590	
12	580	805	225	Lapped 10 feet up in 16 inch casing.

GENERAL INFORMATION—Pumping Test, Quality of Water, Etc.

1st Test 1959. 500 G.P.M., pumping level 120' with Static 55'

2nd Test 1972. 650 GP.M , pumping level 200' with Static 50'

WELL DRILLER'S STATEMENT

This well was drilled under my jurisdiction and the above information is true to my best information and belief.

Signed J. S. Lee & Sons
Well Driller

By Kenneth L. Lee
Kenneth L. Lee, Partner
License No. 4919 11 MW 92 ACN 9161

Dated November 20, 1973

(Not to be filled in by Driller)

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8330000 4115
EDICHO

WELL DRILLERS REPORT

Please complete this form in its entirety

1. OWNER: Spring Valley Hold Drilling ADDRESS: Salt Lake City Utah

Place of use: E 1/2 NW 1/4 NE 1/4 Sec 28 NE 1/2 Sec 27 SW 1/4 Sec 26 T14 N R 67 E
2. LOCATION: SW 1/4 NW 1/4 Sec 27 T 14 N/S R 67 E White Pine County
PERMIT NO.

3.	TYPE OF WORK		4.	PROPOSED USE			5.	TYPE WELL	
	New Well <input checked="" type="checkbox"/>	Recondition <input type="checkbox"/>		Domestic <input type="checkbox"/>	Irrigation <input type="checkbox"/>	Test <input type="checkbox"/>		Cable <input checked="" type="checkbox"/>	Rotary <input type="checkbox"/>
	Deepen <input type="checkbox"/>	Other <input type="checkbox"/>		Municipal <input type="checkbox"/>	Industrial <input checked="" type="checkbox"/>	Stock <input type="checkbox"/>		Other <input type="checkbox"/>	

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Top Soil		0		1"
Quartzite gravel		1'		143'
Water Sand & gravel		143'		179'
Clay gravel		179'		185'
Water Sand & gravel		185'		191'
Bed Rock		191'		193'

8. WELL CONSTRUCTION

Diameter hole: 1 1/2 inches Total depth: 19.3 feet
 Casing record: 3/8" Side Wall
 Weight per foot: Thickness: 3/8"

Diameter	From	To
1 1/2 inches	0 feet	19.3 feet
inches	feet	feet
inches	feet	feet
inches	feet	feet
inches	feet	feet
inches	feet	feet

Surface seal: Yes No Type: _____
 Depth of seal: _____ feet
 Gravel packed: Yes No
 Gravel packed from: _____ feet to _____ feet

Perforations:
 Type perforation: Factory
 Size perforation: 1/4 x 2 1/2"
 From: 12.3 feet to 19.3 feet
 From: _____ feet to _____ feet
 From: _____ feet to _____ feet
 From: _____ feet to _____ feet
 From: _____ feet to _____ feet

9. WATER LEVEL

Static water level: 14.0 Feet below land surface
 Flow: _____ G.P.M.
 Water temperature: _____ ° F. Quality: _____

Date started: Dec 20 19 73
 Date completed: Feb 6 19 74

7. WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump

BAILER TEST

G.P.M.	Draw down	feet	hours

10. DRILLERS CERTIFICATION

This well was drilled under my supervision and the report is true to the best of my knowledge.

Name: J. B. Hicks Drilling Co
 Address: P.O. Box 156 E. Elko NV
 Nevada contractor's license number: 10705
 Nevada driller's license number: 118734
 Signed: J. B. Hicks
 Date: Feb 15 - 74

WELL DRILLERS REPORT

Please complete this form in its entirety

OFFICE USE ONLY

Log No. 15768
 Permit No. 29907 45287
 Basin



1. OWNER Robert Bransford ADDRESS P. O. Box 27, East Ely, Nevada 89315

2. LOCATION NE 1/4 SW 1/4 Sec. 12 T. 12 N/R. 67 E White Pine County
 PERMIT NO. 29907

3. TYPE OF WORK
 New Well Recondition
 Deepen Other
 4. PROPOSED USE
 Domestic Irrigation Test
 Municipal Industrial Stock
 5. TYPE WELL
 Cable Rotary
 Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Top Soil		0	15	15
Gravel & Quartz Boulders		15	38	23
Water Bearing Gravel	X	38	39	1
Cemented Gravel		39	47	8
Clay Mud		47	52	5
Cemented Gravel		52	56	4
Mud		56	69	13
Water Bearing Gravel	X	69	70	1
Mud		70	72	2
Quartz Boulders		72	90	18
Silica Sand & Mud		90	95	5
Water Bearing Gravel	X	95	100	5
Mud		100	103	3
Water Sand & Boulders	X	103	113	10
Clay Mud		113	118	5
Quartz Boulders		118	150	32
Clay Mud		150	177	27
Quartz Boulders		177	179	2
Cemented Sand & Clay		179	187	8
Quartz Boulders		187	190	3

8. WELL CONSTRUCTION
 Diameter hole 14 inches Total depth 190 feet
 Casing record
 Weight per foot 29.31 Thickness 219
 Diameter 12 3/4 inches From 0 feet To 182 feet
 Surface seal: Yes No Type Cement
 Depth of seal 2 feet
 Gravel packed: Yes No
 Gravel packed from 2 feet to 38 feet
 Perforations:
 Type perforation Factory
 Size perforation 12 Rows 3/16" Slots
 From 20 feet to 182 feet

9. WATER LEVEL
 Static water level 36 Feet below land surface 36
 Flow G.P.M.
 Water temperature Cold °F. Quality Good

Date started May 7, 1976
 Date completed July 8, 1976

10. DRILLERS CERTIFICATION
 This well was drilled under my supervision and the report is true to the best of my knowledge:

7. WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump
1200	175	34	14
1400	350	114	17 13 13
1300	300	69	3

Name Don S. Christiansen
 Address 557 Ely Ave., Ely, Nevada 89301
 Nevada contractor's license number 93294
 Nevada driller's license number 705
 Signed Don S. Christiansen
 Date August 13, 1976

BAILER TEST
 G.P.M. Draw down feet hours
 G.P.M. Draw down feet hours
 G.P.M. Draw down feet hours

Log No. 16139
Permit No. _____
Basin _____

WELL DRILLERS REPORT

Please complete this form in its entirety

1. OWNER Richard Swallow ADDRESS SR5, P. O. Box 19, Ely, Nevada 89301

2. LOCATION SW 1/4 SE 1/4 Sec. 24 T. 12 N. R. 67 E White Pine County
PERMIT NO. _____

3. TYPE OF WORK
New Well Recondition
Deepen Other
4. PROPOSED USE
Domestic Irrigation Test
Municipal Industrial Stock
5. TYPE WELL
Cable Rotary
Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Loose Gravel		0	15	15
Cemented Gravel		15	36	21
Clay		36	38	2
Cemented Gravel		38	61	23
Clay		61	65	4
Water Bearing Gravel	X	65	66	1
Clay		66	106	40
Water Bearing Seam	X	106	107	1
Clay		107	122	15
Water Bearing Seam	X	122	123	1
Clay		123	135	12

8. WELL CONSTRUCTION
Diameter hole 8 inches Total depth 135 feet
Casing record _____
Weight per foot 17.02 Thickness .250
Diameter 6 inches From 0 feet To 135 feet
_____ inches _____ feet _____ feet
_____ inches _____ feet _____ feet
_____ inches _____ feet _____ feet
_____ inches _____ feet _____ feet
Surface seal: Yes No Type Cement
Depth of seal 50 feet
Gravel packed: Yes No
Gravel packed from 50 feet to 135 feet
Perforations:
Type perforation Torch
Size perforation 1/8" x 6" 6 Rows
From 61 feet to 135 feet
From _____ feet to _____ feet
From _____ feet to _____ feet
From _____ feet to _____ feet
From _____ feet to _____ feet

9. WATER LEVEL
Static water level 63 Feet below land surface 63
Flow _____ G.P.M.
Water temperature Cold ° F. Quality Good

Date started January 21, 19 77
Date completed January 24, 19 77

10. DRILLERS CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.

7. WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump

Name Jerrold D. Christiansen
Address 557 Ely Ave., Ely, Nevada 89301
Nevada contractor's license number 9329A
Nevada driller's license number 641

BAILER TEST OFFICE
G.P.M. 20 Draw down 2 feet 2 hours
G.P.M. 30 Draw down 6 feet 2 hours
G.P.M. 30 Draw down 6 feet 2 hours

Signed Jerrold D. Christiansen
Date January 26, 1977

OFFICE USE ONLY	
Log No.	16633
Permit No.	
Basin.	

WELL DRILLERS REPORT

Please complete this form in its entirety

1. OWNER Clark Mining Corp. ADDRESS P.O.Box 418 Ely, Nevada 89301

2. LOCATION N W 1/4 S E 1/4 Sec. 15 T. 14 N/S R. 67 E. White Pine County
PERMIT NO.

3. TYPE OF WORK		4. PROPOSED USE		5. TYPE WELL	
New Well <input checked="" type="checkbox"/>	Recondition <input type="checkbox"/>	Domestic <input checked="" type="checkbox"/>	Irrigation <input type="checkbox"/>	Test <input type="checkbox"/>	Cable <input checked="" type="checkbox"/>
Deepen <input type="checkbox"/>	Other <input type="checkbox"/>	Municipal <input type="checkbox"/>	Industrial <input type="checkbox"/>	Stock <input type="checkbox"/>	Rotary <input type="checkbox"/>
					Other <input type="checkbox"/>

6. LITHOLOGIC LOG				
Material	Water Strata	From	To	Thick-ness
Fill Dirt		0		47ft
Rock		47 ft		70 ft
Rock & Clay		70 ft		191 ft
Water Sand		191 ft		192
Rock		192ft		253 ft
Water sand		253 ft		294 ft

8. WELL CONSTRUCTION				
Diameter hole	8 inches	Total depth	294 feet	
Casing record		Weight per foot		Thickness .188
Diameter	8 inches	From	0 feet	To 294 feet
	inches		feet	feet
	inches		feet	feet
	inches		feet	feet
	inches		feet	feet
	inches		feet	feet
Surface seal:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Type	cement	
Depth of seal	50		feet	
Gravel packed:	Yes <input type="checkbox"/> No <input type="checkbox"/>			
Gravel packed from		feet to		
Perforations:				
Type perforation	Factory			
Size perforation	3/16 x 2 1/2 in			
From	154	feet to	294	feet
From		feet to		feet
From		feet to		feet
From		feet to		feet
From		feet to		feet

Date started April 16, 1977
Date completed June 4, 1977

7. WELL TEST DATA			
Pump RPM	G.P.M.	Draw Down	After Hours Pump

BAILER TEST			
G.P.M.	Draw down	feet	hours
G.P.M.	Draw down	feet	hours
G.P.M.	Draw down	feet	hours

9. WATER LEVEL	
Static water level	250 Feet below land surface
Flow	G.P.M.
Water temperature	° F. Quality

10. DRILLERS CERTIFICATION	
This well was drilled under my supervision and the report is true to the best of my knowledge.	
Name	F.B. Hicks Drilling Co
Address	P.O.Box 756 East Ely, Nev 89315
Nevada contractor's license number	10705
Nevada driller's license number	701
Signed	<i>F.B. Hicks</i>
Date	6-29-77

Log No. 17124

Permit No. 31239

Basin

WELL DRILLERS REPORT

Please complete this form in its entirety

31239

1. OWNER CLARK MINING CORP. ADDRESS PO BOX 418
ELY, NV 89301
2. LOCATION NW 1/4 AD 1/4 Sec 15 T. 14 N. R. 67 E. WHITE PINE County
PERMIT NO. SE

3. TYPE OF WORK
New Well Recondition
Deepen Other
4. PROPOSED USE
Domestic Irrigation Test
Municipal Industrial Stock
5. TYPE WELL
Cable Rotary
Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
SILT & GRAVEL		294	361	67
SAND	✓	361	363	2
SILT & GRAVEL		363	385	22
LARGE GRAVEL & SILT		385	397	12
SILT & SAND		397	505	108
SAND	✓	505	506	1
SILT & GRAVEL		506	527	21
GRAVEL	✓	527	528	1
SILT & SAND		528	535	7

8. WELL CONSTRUCTION
Diameter hole 8" inches Total depth 535 feet
Casing record CASED TO 397'
Weight per foot..... Thickness .250
Diameter 8 inches From 0 feet To 397 feet
..... inches feet
..... inches feet
..... inches feet
..... inches feet
..... inches feet
Surface seal: Yes No Type CEMENT
Depth of seal 6" IN BASEMENT feet
Gravel packed: Yes No
Gravel packed from..... feet to..... feet
Perforations: UNKNOWN - NO
Type perforation.....
Size perforation PERFORATIONS IN
From LAST feet to..... feet
From 10.3' ADDED feet to..... feet
From TO TOP feet to..... feet
From..... feet to..... feet
From..... feet to..... feet

9. WATER LEVEL
Static water level 231' Feet below land surface.....
Flow..... G.P.M.
Water temperature..... ° F. Quality.....

Date started AUG 21, 19 77
Date completed SEPT 6, 19 77

7. WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump

10. DRILLERS CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name Brent E. GURIDGE
Address SR 1 Box 42 Ely, NV
Nevada contractor's license number 7514A
Nevada driller's license number 844
Signed Brent E. Guridge
Date SEPT 8, 1977

BAILER TEST
G.P.M. Draw down.....feethours
G.P.M. Draw down.....feethours
G.P.M. Draw down.....feethours

WELL DRILLERS REPORT

Please complete this form in its entirety

OFFICE USE ONLY

Log No. 1805907
Permit No. 30319
Basin



1. OWNER Richard B. Swallow ADDRESS Star Rt. 5, Box 19
Ely, Nevada 89301

2. LOCATION SW 1/4 SE 1/4 Sec. 24 T. 12 N/S R. 67 E. White Pine County
PERMIT NO. 30319

3. TYPE OF WORK		4. PROPOSED USE			5. TYPE WELL	
New Well <input checked="" type="checkbox"/>	Recondition <input type="checkbox"/>	Domestic <input type="checkbox"/>	Irrigation <input checked="" type="checkbox"/>	Test <input type="checkbox"/>	Cable <input checked="" type="checkbox"/>	Rotary <input type="checkbox"/>
Deepen <input type="checkbox"/>	Other <input type="checkbox"/>	Municipal <input type="checkbox"/>	Industrial <input type="checkbox"/>	Stock <input type="checkbox"/>	Other <input type="checkbox"/>	

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Top Soil		1	2	
Gravel and Sand		2	40	
Clay and Gravel		40	60	
Gravel and Sand		60	85	
Clay and Gravel		85	90	
Sand and Gravel	X	90	95	
Clay and Gravel		95	125	
Sand and Gravel	X	125	130	
Clay and Sand		130	160	
Gravel		160	165	
Clay and Gravel		165	220	
Sandy Clay		220	265	
Sand and Gravel	X	265	275	
Clay		275	290	
Cemented Sand and Gravel with Clay		290	370	
Breaks				

8. WELL CONSTRUCTION

Diameter hole 18 inches Total depth 370 feet
Casing record 16 inches Thickness 1 inch
Weight per foot Thickness 1 inch

Diameter	From	To
16 inches	0 feet	300 feet
inches	feet	feet
inches	feet	feet
inches	feet	feet
inches	feet	feet
inches	feet	feet

Surface seal: Yes No Type Cement Pump Base
Depth of seal 3 feet
Gravel packed: Yes No
Gravel packed from feet to feet

Perforations:
Type perforation Torch
Size perforation 3/8 x 12 = 6 rows
From 100 feet to 290 feet
From feet to feet
From feet to feet
From feet to feet

9. WATER LEVEL

Static water level 78 Feet below land surface 78
Flow G.P.M.
Water temperature cool F. Quality good

Date started May 19 76
Date completed June 19 76

7. WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump

BAILER TEST

G.P.M. Draw down feet hours
G.P.M. Draw down feet hours
G.P.M. Draw down feet hours

10. DRILLERS CERTIFICATION

This well was drilled under my supervision and the report is true to the best of my knowledge.

Name Jim Schooler
Address Box 833 Ely, Nevada 89301
Nevada contractor's license number 9557
Nevada driller's license number 515
Signed Jim Schooler
Date July 15 19 76

WELL DRILLERS REPORT

Please complete this form in its entirety

1. OWNER Amerada Hess Corp. Of Nevada ADDRESS 1 East 1st Street
Reno, Nevada 89501

2. LOCATION SE 1/4 NW 1/4 Sec. 20 T. 12 N. R. 67 E. White Pine County
 PERMIT NO. Applied For

3. TYPE OF WORK		4. PROPOSED USE			5. TYPE WELL	
New Well <input checked="" type="checkbox"/>	Recondition <input type="checkbox"/>	Domestic <input type="checkbox"/>	Irrigation <input type="checkbox"/>	Test <input type="checkbox"/>	Cable <input type="checkbox"/>	Rotary <input checked="" type="checkbox"/>
Deepen <input type="checkbox"/>	Other <input type="checkbox"/>	Municipal <input type="checkbox"/>	Industrial <input checked="" type="checkbox"/>	Stock <input type="checkbox"/>	Other <input type="checkbox"/>	

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Top Soil & Clay		0	15	15
Water Bearing Sand	X	15	16	1
Clay		16	93	77
Water Bearing Seam	X	93	94	1
Blue XXX Clay		94	140	46

8. WELL CONSTRUCTION

Diameter hole 8-3/4 inches Total depth 140 feet
 Casing record _____
 Weight per foot 12.92 Thickness 1.88

Diameter	From	To
<u>6</u> inches	<u>0</u> feet	<u>99</u> feet

Surface seal: Yes No Type Cement
 Depth of seal 2 feet
 Gravel packed: Yes No
 Gravel packed from 2 feet to 16 feet

Perforations:
 Type perforation Factory
 Size perforation 1/8" Slots 6 Rows
 From 20 feet to 99 feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet

Date started June 19, 19 79
 Date completed June 20, 19 79

7. WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump

Air Test ~~BANDER DESK~~
 G.P.M. 60 Draw down 85 feet 1 1/2 hours
 G.P.M. _____ Draw down _____ feet _____ hours
 G.P.M. _____ Draw down _____ feet _____ hours

9. WATER LEVEL

Static water level 15 Feet below land surface 15
 Flow _____ G.P.M.
 Water temperature Cold ° F. Quality Good

10. DRILLERS CERTIFICATION

This well was drilled under my supervision and the report is true to the best of my knowledge.

Name Jerrold D. Christiansen
 Address 557 Ely Ave., Ely, Nevada 89301
 Nevada contractor's license number 14790
 Nevada driller's license number 641
 Signed Jerrold D. Christiansen
 Date June 24, 1979

Log No. 20222

Permit No.

Basin.

WELL DRILLERS REPORT

Please complete this form in its entirety

1. OWNER Amerada Hess Corp. Of Nevada ADDRESS 1 East 1st Street
Reno, Nevada 89501

2. LOCATION SE 1/4 NW 1/4 Sec. 20 T. 12 N. R. 67 E. White Pine County
PERMIT NO. Well No. 2. Well No. 1 Abandoned & Cemented.

3. TYPE OF WORK	4. PROPOSED USE	5. TYPE WELL
New Well <input checked="" type="checkbox"/> Recondition <input type="checkbox"/>	Domestic <input type="checkbox"/> Irrigation <input type="checkbox"/> Test <input type="checkbox"/>	Cable <input type="checkbox"/> Rotary <input checked="" type="checkbox"/>
Deepen <input type="checkbox"/> Other <input type="checkbox"/>	Municipal <input type="checkbox"/> Industrial <input checked="" type="checkbox"/> Stock <input type="checkbox"/>	Other <input type="checkbox"/>

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Top Soil & Clay		0	15	15
Water Bearing Sand	X	15	16	1
Clay		16	93	77
Water Bearing Seam	X	93	94	1
Blue Clay		94	200	106
Porous Water Bearing Rock		200	240	40
Clay		240	260	20

8. WELL CONSTRUCTION

Diameter hole 8-3/4 inches Total depth 260 feet
Casing record.
Weight per foot 12.92 Thickness .188

Diameter	From	To
6 inches	0 feet	240 feet
inches	feet	feet
inches	feet	feet
inches	feet	feet
inches	feet	feet
inches	feet	feet

Surface seal: Yes No Type Cement
Depth of seal 100 feet
Gravel packed: Yes No
Gravel packed from 100 feet to 260 feet

Perforations:
Type perforation Factory
Size perforation 1/8" Slots 6 Rows
From 200 feet to 240 feet
From feet to feet
From feet to feet
From feet to feet

9. WATER LEVEL

Static water level Flowing Feet below land surface
Flow X G.P.M. 5
Water temperature Cold F. Quality Good

10. DRILLERS CERTIFICATION

This well was drilled under my supervision and the report is true to the best of my knowledge.

Name Jerrold D. Christiansen
Address 557 Ely Ave., Ely, Nevada 89301
Nevada contractor's license number 14790
Nevada driller's license number 641

Signed Jerrold D. Christiansen
Date August 6, 1979

7. WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump

Air Test ~~XXXXXXXX~~
G.P.M. 105 Draw down 220 feet 1 1/2 hours
G.P.M. Draw down feet hours
G.P.M. Draw down feet hours

Log No. 20404

Permit No.

Basin

WELL DRILLERS REPORT

Please complete this form in its entirety

1. OWNER Geo. Eldridge & Son, Inc. ADDRESS SR 1 Box 42, Ely, NV 89301

2. LOCATION SE 1/4 SE 1/4 Sec. 26 T. 19 N. R. 66 E WHITE PINE County
PERMIT NO.

3. TYPE OF WORK	4. PROPOSED USE	5. TYPE WELL
New Well <input checked="" type="checkbox"/> Recondition <input type="checkbox"/>	Domestic <input checked="" type="checkbox"/> Irrigation <input checked="" type="checkbox"/> Test <input type="checkbox"/>	Cable <input checked="" type="checkbox"/> Rotary <input type="checkbox"/>
Deepen <input type="checkbox"/> Other <input type="checkbox"/>	Municipal <input type="checkbox"/> Industrial <input type="checkbox"/> Stock <input checked="" type="checkbox"/>	Other <input type="checkbox"/>

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
SILT		0	2	2
SAND & GRAVEL	✓	2	6	4
CLAY & SAND		6	10	4
SILT & Boulders		10	24	14
SAND & GRAVEL	✓	24	28	4
SILT & SAND		28	77	49
SAND & GRAVEL	✓	77	80	3
SILT & GRAVEL		80	82	2
GRAVEL	✓	82	89	7
SILT		89	94	5
GRAVEL	✓	94	98	4
SILT		98	103	5
GRAVEL	✓	103	107	4
SILT		107	111	4

8. WELL CONSTRUCTION

Diameter hole 9 inches Total depth 111 feet
 Casing record 108'
 Weight per foot _____ Thickness 2.50"

Diameter	From	To
<u>8</u> inches	<u>0</u> feet	<u>108</u> feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet

Surface seal: Yes No Type CEMENT
 Depth of seal 50 feet
 Gravel packed: Yes No
 Gravel packed from _____ feet to _____ feet

Perforations:
 Type perforation Acet. Torch
 Size perforation 3/16" x 4"
 From 83 feet to 108 feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet

Date started (CARD FILED) FALL 1978
Date completed SEPT 25 1979

7. WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump
<u>NO</u>	<u>TEST</u>		

BAILER TEST

G.P.M. <u>7</u>	Draw down <u>2</u> feet	<u>1/2</u> hours
G.P.M. _____	Draw down _____ feet	_____ hours
G.P.M. _____	Draw down _____ feet	_____ hours

9. WATER LEVEL

Static water level ONE Foot ABOVE land surface
 Flow ± FIVE G.P.M. MAY - OCT
 Water temperature COLD Quality UNKNOWN

10. DRILLERS CERTIFICATION

This well was drilled under my supervision and the report is true to the best of my knowledge.

Name Brent Eldridge
 Address SR 1 Box 42 Ely, NV
 Nevada contractor's license number 7514A
 Nevada driller's license number 844
 Signed Brent Eldridge
 Date 10-12-79

Log No. 20613
 Permit No. _____
 Basin _____

WELL DRILLERS REPORT

Please complete this form in its entirety

1. OWNER Kirkeby Ranch ADDRESS South Spring Valley
Ely, Nevada 89301

2. LOCATION SW 1/4 SW 1/4 Sec. 13 T. 12 N/R. 67 E. White Pine County
 PERMIT NO. Applies For

3. TYPE OF WORK	4. PROPOSED USE	5. TYPE WELL
New Well <input checked="" type="checkbox"/> Recondition <input type="checkbox"/>	Domestic <input type="checkbox"/> Irrigation <input type="checkbox"/> Test <input type="checkbox"/>	Cable <input type="checkbox"/> Rotary <input checked="" type="checkbox"/>
Deepen <input type="checkbox"/> Other <input type="checkbox"/>	Municipal <input type="checkbox"/> Industrial <input type="checkbox"/> Stock <input checked="" type="checkbox"/>	Other <input type="checkbox"/>

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Top Soil		0	10	10
Water Seep	X	10	11	1
Clay		11	55	44
Water Bearing Gravel	X	55	58	3
Clay		58	60	2
Clay & Boulders		60	90	30
Clay		90	160	70

8. WELL CONSTRUCTION

Diameter hole: 8-3/4 inches Total depth: 160 feet
 Casing record _____
 Weight per foot: 17.02 Thickness: 250

Diameter	From	To
<u>6</u> inches	<u>0</u> feet	<u>100</u> feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet

Surface seal: Yes No Type Cement
 Depth of seal: 10 feet
 Gravel packed: Yes No
 Gravel packed from _____ feet to _____ feet

Perforations:
 Type perforation Torch
 Size perforation 3/16" x 6" 4 Rows
 From 20 feet to 58 feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet

Date started December 18, 19 79
 Date completed December 20, 19 79

7. WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump

9. WATER LEVEL

Static water level _____ Feet below land surface
 Flow X G.P.M. 8
 Water temperature Cold ° F. Quality Good

10. DRILLERS CERTIFICATION

This well was drilled under my supervision and the report is true to the best of my knowledge.

Name Jerrold D. Christiansen
 Address 557 Ely Ave., Ely, Nevada 89301
 Nevada contractor's license number 14790
 Nevada driller's license number 641

Air Test XXXXXXXX

G.P.M. <u>20</u>	Draw down <u>100</u> feet	<u>1/2</u> hours
G.P.M. <u>35</u>	Draw down <u>100</u> feet	<u>1/2</u> hours
G.P.M. _____	Draw down _____ feet	_____ hours

Signed Jerrold D. Christiansen
 Date January 3, 1980

OFFICE USE ONLY
Log No. 20951
Permit No. 29368
Basin SPRING VALLEY

WELL DRILLERS REPORT

Please complete this form in its entirety

1. OWNER CIVIC ROYALTY CORPORATION ADDRESS ENGLEWOOD, COLORADO 80111
5 DENVER TECH CENTER; SUITE 3005; 5555 DTC PARKWAY

2. LOCATIONS/e 1/4 S/e 1/4 Sec. 21 T. 14 N/S R. 67 E WHITE PINE County
PERMIT NO. 29262 *Per Telephone 4/17/80 RUP*

3. TYPE OF WORK
New Well Recondition
Deepen Other
4. PROPOSED USE
Domestic Irrigation Test
Municipal Industrial Stock
5. TYPE WELL
Cable Rotary
Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Top Soil		1	4	
Clay & Gravel		4	40	
Small gravel	x	40	42	2
Sandy Clay		42	80	
Small Gravel	x	80	85	3
Sandy Clay & Gravel		85	120	
Clay		120	140	
Sandy Clay & Boulders		140	178	
Sand & Gravel	X	178	185	7
HARD Gravel & Clay		185	200	
Clay		200	240	
Sandy Clay & Boulders		240	280	
Cobblestones		280	285	3
Clay		285	305	
Cemented Sand & Gravel		305	340	
Clay & Gravel		340	360	
Clay Cemented S. & G.		360	385	
Clay & Gravel		385	395	
Cemented Sand & Gravel		395	420	
Clay		420	430	
Cemented Sand & Gravel		430	450	

8. WELL CONSTRUCTION
Diameter hole.....20.....inches Total depth.....450.....feet
Casing record.....
Weight per foot.....42.05.....Thickness.....25.....
Diameter From To
.....20.....inches.....0.....feet.....20.....feet
.....16.....inches.....0.....feet.....305.....feet
.....14.....inches.....300.....feet.....450.....feet
.....inches.....feet.....feet
.....inches.....feet.....feet
.....inches.....feet.....feet
Surface seal: Yes No Type Grout.....
Depth of seal.....20.....feet
Gravel packed: Yes No
Gravel packed from.....feet to.....feet
Perforations:
Type perforation.....Torch.....
Size perforation.....3/8 x 12".....
From.....30.....feet to.....290.....feet
From.....375.....feet to.....450.....feet
From.....feet to.....feet
From.....feet to.....feet
From.....feet to.....feet

9. WATER LEVEL
Static water level.....20.....Feet below land surface.....20.....
Flow.....G.P.M.....
Water temperature COOL ° F. Quality GOOD

Date started.....March 5 m.m....., 19.80.
Date completed.....April 10....., 19.80.

7. WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump

10. DRILLERS CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name.....JIM SCHOLER.....
Address.....BOX 833, ELY, NEV. 89501.....
Nevada contractor's license number.....2557.....
Nevada driller's license number.....515.....
Signed.....*Jim Scholer*.....
Date.....4/10/80.....

BAILER TEST
G.P.M..... Draw down.....feet.....hours
G.P.M..... Draw down.....feet.....hours
G.P.M..... Draw down.....feet.....hours

WELL DRILLERS REPORT

Please complete this form in its entirety

1. OWNER: Les Huckaley ADDRESS: Spring Valley
Ely, Nevada

2. LOCATION: NW 1/4 SW 1/4 Sec. 21 T. 14 N/S R. 47 E. White Pine County
PERMIT NO. _____

3. TYPE OF WORK			4. PROPOSED USE			5. TYPE WELL							
New Well	<input checked="" type="checkbox"/>	Recondition	<input type="checkbox"/>	Domestic	<input checked="" type="checkbox"/>	Irrigation	<input type="checkbox"/>	Test	<input type="checkbox"/>	Cable	<input type="checkbox"/>	Rotary	<input checked="" type="checkbox"/>
Deepen	<input type="checkbox"/>	Other	<input type="checkbox"/>	Municipal	<input type="checkbox"/>	Industrial	<input type="checkbox"/>	Stock	<input type="checkbox"/>	Other	<input type="checkbox"/>		

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
<u>TOP SOIL</u>		<u>0</u>	<u>10</u>	<u>10</u>
<u>SAND AND GRAVEL AND CLAY</u>		<u>10</u>	<u>120</u>	<u>110</u>

8. WELL CONSTRUCTION

Diameter hole 10" inches Total depth 120 feet
Casing record 0 - 120
Weight per foot 22 1/2 Thickness 1/4

Diameter	From	To
<u>10"</u> inches	<u>0</u> feet	<u>120</u> feet

Surface seal: Yes No Type CEMENT
Depth of seal 50 feet
Gravel packed: Yes No
Gravel packed from 50 feet to 120 feet

Perforations:
Type perforation By cutting torch
Size perforation 3/16
From 80 feet to 120 feet
From _____ feet to _____ feet
From _____ feet to _____ feet
From _____ feet to _____ feet
From _____ feet to _____ feet

Date started June 6 1980
Date completed June 18 1980

7. WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump
	<u>NONE</u>		

BAILER TEST

G.P.M.	Draw down	feet	hours

9. WATER LEVEL

Static water level 25 Feet below land surface
Flow NONE G.P.M.
Water temperature Cold F. Quality _____

10. DRILLERS CERTIFICATION

This well was drilled under my supervision and the report is true to the best of my knowledge.

Name William Cooper
Address Box 683 ELY NEVADA
Nevada contractor's license number 9416
Nevada driller's license number 511
Signed William Cooper
Date 6-18-80

Log No. 22176
Permit No. 41738
Basin SPRING VALLEY

SU S-T. 1

WELL DRILLERS REPORT

Please complete this form in its entirety

1. OWNER U.S. Air Force ADDRESS Spring Valley

2. LOCATION NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 30 T. 9 N/S R. 68 E. White Pine County
PERMIT NO. LINCOLN

3. TYPE OF WORK
New Well Recondition
Deepen Other

4. PROPOSED USE
Domestic Irrigation Test
Municipal Industrial Stock

5. TYPE WELL
Cable Rotary
Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
<u>Fine gravel</u>		<u>0'</u>	<u>20'</u>	<u>20'</u>
<u>Sand and Gravel</u>		<u>20'</u>	<u>60'</u>	<u>40'</u>
<u>Variable grain sand</u>		<u>60'</u>	<u>700'</u>	<u>640'</u>

8. WELL CONSTRUCTION
Diameter hole 17.5 inches Total depth.....feet
Casing record 10 3/4
Weight per foot 40.48 Thickness 365

Diameter	From	To
<u>10 3/4</u> inches	<u>1.351</u> feet	<u>55.9</u> feet
.....inches	.....feet	.....feet
.....inches	.....feet	.....feet
.....inches	.....feet	.....feet
.....inches	.....feet	.....feet
.....inches	.....feet	.....feet

Surface seal: Yes No Type Cement
Depth of seal 50 ft. feet
Gravel packed: Yes No
Gravel packed from 700 feet to 50 feet

Perforations:
Type perforation Johnson Screen
Size perforation # 60
From 6.79 feet to 55.9 feet
From.....feet to.....feet
From.....feet to.....feet
From.....feet to.....feet
From.....feet to.....feet

9. WATER LEVEL
Static water level 227 Feet below land surface.....
Flow 0 G.P.M.
Water temperature 158 ° F. Quality Good

Date started 8/3, 19 80
Date completed 8/7, 19 80

7. WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump
	<u>600</u>	<u>30'</u>	<u>120</u>

10. DRILLERS CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.

Name Scott Stephenson
Address Box 141 Fillmore Utah
Nevada contractor's license number.....
Nevada driller's license number 1210
Signed Scott Stephenson
Date Mar 25 - 1980

BAILER TEST
G.P.M..... Draw down.....feethours
G.P.M..... Draw down.....feethours
G.P.M..... Draw down.....feethours

SVST. 1

WELL DRILLERS REPORT

Please complete this form in its entirety



1. OWNER U.S. Air Force ADDRESS

2. LOCATION NE 1/4 NW 1/4 Sec. 30 T. 9 D/S R. 6'S E. White Pine County
 PERMIT NO.

3. TYPE OF WORK	4. PROPOSED USE	5. TYPE WELL
New Well <input checked="" type="checkbox"/> Recondition <input type="checkbox"/>	Domestic <input type="checkbox"/> Irrigation <input type="checkbox"/> Test <input checked="" type="checkbox"/>	Cable <input type="checkbox"/> Rotary <input checked="" type="checkbox"/>
Deepen <input type="checkbox"/> Other <input type="checkbox"/>	Municipal <input type="checkbox"/> Industrial <input type="checkbox"/> Stock <input type="checkbox"/>	Other <input type="checkbox"/>

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
<u>Fine gravel</u>		<u>0'</u>	<u>20'</u>	<u>20'</u>
<u>Sand and Gravel</u>		<u>20'</u>	<u>60'</u>	<u>40'</u>
<u>Variable grain sand</u>		<u>60'</u>	<u>700'</u>	<u>640'</u>

8. WELL CONSTRUCTION

Diameter hole 17.5 inches Total depth feet
 Casing record 10 3/4
 Weight per foot 40.48 Thickness 305

Diameter	From	To
<u>10 3/4</u> inches	<u>1.321</u> feet	<u>55.9</u> feet

Surface seal: Yes No Type Cement
 Depth of seal 50 ft. feet
 Gravel packed: Yes No
 Gravel packed from 700 feet to 50 feet

Perforations:
 Type perforation Johnson Screen
 Size perforation #60
 From 679 feet to 55.9 feet
 From feet to feet
 From feet to feet
 From feet to feet
 From feet to feet

Date started..... 8/3....., 1980
 Date completed..... 8/7....., 1980

7. WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump
	<u>600</u>	<u>30'</u>	<u>120</u>

9. WATER LEVEL

Static water level 22.7 Feet below land surface
 Flow 0 G.P.M.
 Water temperature 153 ° F. Quality LOO

10. DRILLERS CERTIFICATION

This well was drilled under my supervision and the report is true to the best of my knowledge.

Name Scott Stephenson
 Address Box 141 Fillmore Utah
 Nevada contractor's license number.....
 Nevada driller's license number 1210
 Signed Scott Stephenson
 Date Nov 25 - 1980

BAILER TEST

G.P.M.	Draw down	feet	hours

OFFICE USE ONLY
 Log No. 23152
 Permit No. 38972
 Basin.....

WELL DRILLERS REPORT

Please complete this form in its entirety

1. OWNER El Tejon Cattle Company ADDRESS Rt. 1 P. O. Box 860
Bakersfield, California 93308
 2. LOCATION NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 35 T. 13 N/S R. 67 E. White Pine County
 PERMIT NO. 38972

3. TYPE OF WORK New Well <input checked="" type="checkbox"/> Recondition <input type="checkbox"/> Deepen <input type="checkbox"/> Other <input type="checkbox"/>	4. PROPOSED USE Domestic <input type="checkbox"/> Irrigation <input checked="" type="checkbox"/> Test <input type="checkbox"/> Municipal <input type="checkbox"/> Industrial <input type="checkbox"/> Stock <input type="checkbox"/>	5. TYPE WELL Cable <input type="checkbox"/> Rotary <input checked="" type="checkbox"/> Other <input type="checkbox"/>
--	--	---

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Top Soil		0	7	7
Boulders Interbedded With Clay & Silt		7	28	21
Boulders	X	28	29	1
Boulders Interbedded With Clay & Silt		29	86	57
Clay, Silt & Gravel		86	111	25
Quartz Boulders		111	117	6
Clay & Sand		117	127	10
Quartz Boulders Interbedded With Clay & Silt		127	141	14
Clay & Sand & Boulders		141	198	57
Quartz Boulders & Sand	X	198	209	11
Sandy Clay		209	217	8
Quartz Boulders	X	217	220	3
Sandy Clay & Gravel		220	229	9
Quartz Boulders		229	231	2
Water Sand ?	X	231	239	8
Quartz Boulders & Sand		239	259	20
Water Bearing Sand	X	259	260	1
Loose Quartz Boulders		260	300	40

8. WELL CONSTRUCTION
 Diameter hole 24 inches Total depth 300 feet
 Casing record 14"
 Weight per foot 36.71 Thickness 250

Diameter	From	To
<u>14</u> inches	<u>0</u> feet	<u>300</u> feet
..... inches	..... feet	..... feet
..... inches	..... feet	..... feet
..... inches	..... feet	..... feet
..... inches	..... feet	..... feet
..... inches	..... feet	..... feet

 Surface seal: Yes No Type Cement
 Depth of seal 15 feet
 Gravel packed: Yes No
 Gravel packed from 15 feet to 300 feet
 Perforations:
 Type perforation Factory
 Size perforation 1/8" x 3" 28 Rows
 From 80 feet to 300 feet
 From..... feet to..... feet
 From..... feet to..... feet
 From..... feet to..... feet
 From..... feet to..... feet

Date started May 21, 1981
 Date completed July 10, 1981

7. WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump
	200	72	$\frac{1}{2}$
	350	121	$\frac{1}{2}$
	375	145	$\frac{1}{2}$
1700	450	255	1

9. WATER LEVEL
 Static water level 28 Feet below land surface 28
 Flow..... G.P.M.
 Water temperature Cold F. Quality Good

10. DRILLERS CERTIFICATION
 This well was drilled under my supervision and the report is true to the best of my knowledge.
 Name Jerrold D. Christiansen
 Address 557 Ely Avenue, Ely, Nev. 89301
 Nevada contractor's license number 14790
 Tom Anzalone
 Nevada driller's license number 1255
 Signed Tom Anzalone
 Date August 1, 1981

BAILER TEST
 G.P.M. Draw down..... feet hours
 G.P.M. Draw down..... feet hours
 G.P.M. Draw down..... feet hours

STATE OF NEVADA
DIVISION OF WATER RESOURCES



OFFICE USE ONLY

Log No. 23418
Permit No.
Basin.....

WELL DRILLERS REPORT

Please complete this form in its entirety

1. OWNER Richard W. Swallow ADDRESS North Spring Valley
Ely, Nevada 89301

2. LOCATION S.E. 1/4 N.W. 1/4 Sec. 26 T. 13 N/S R. 67 E White Pine County
PERMIT NO.

3. TYPE OF WORK	4. PROPOSED USE	5. TYPE WELL
New Well <input type="checkbox"/> Recondition <input type="checkbox"/>	Domestic <input type="checkbox"/> Irrigation <input type="checkbox"/> Test <input type="checkbox"/>	Cable <input type="checkbox"/> Rotary <input type="checkbox"/>
Deepen <input type="checkbox"/> Other <input type="checkbox"/>	Municipal <input type="checkbox"/> Industrial <input type="checkbox"/> Stock <input type="checkbox"/>	Other <input type="checkbox"/>

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
		1	3	
		3	20	
		20	60	
	X	60	75	15
		75	98	
	X	98	102	4
		102	132	
	X	132	167	5
		167	187	
		187	194	
		194	207	
		207	210	
		210	217	
		217	230	
		230	234	
		234	237	
	X	237	244	7
		244	257	
		257	266	
	X	266	274	8
		274	283	

8. WELL CONSTRUCTION

Diameter hole 1.5 inches Total depth 283 feet

Casing record.....

Weight per foot..... Thickness.....

Diameter	From	To
<u>1.5</u> inches	<u>0</u> feet	<u>283</u> feet
..... inches	..... feet	..... feet
..... inches	..... feet	..... feet
..... inches	..... feet	..... feet
..... inches	..... feet	..... feet
..... inches	..... feet	..... feet

Surface seal: Yes No Type.....

Depth of seal..... feet

Gravel packed: Yes No

Gravel packed from..... feet to..... feet

Perforations:

Type perforation torch

Size perforation 6 rods 3/8

From 60 feet to 275 feet

From..... feet to..... feet

From..... feet to..... feet

From..... feet to..... feet

From..... feet to..... feet

Date started....., 19.....
Date completed....., 19.....

7. WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump
	<u>1000</u>	<u>150</u>	<u>24</u>

9. WATER LEVEL

Static water level 30 Feet below land surface.....

Flow..... G.P.M.

Water temperature 61 ° F. Quality.....

10. DRILLERS CERTIFICATION

This well was drilled under my supervision and the report is true to the best of my knowledge.

Name JIM SCHOLAR

Address Box 222 Ely, Nev. 89301

Nevada contractor's license number 0517

Nevada driller's license number 575

Signed Jim Scholar

Date Feb 15, 1954

BAILER TEST

G.P.M.	Draw down.....feet	.....hours
G.P.M.	Draw down.....feet	.....hours
G.P.M.	Draw down.....feet	.....hours

WELL DRILLERS REPORT

Please complete this form in its entirety

1. OWNER Robert & Fern Harbecke ADDRESS South Spring Valley,
Ely, NV 89301

2. LOCATION NW 1/4 NE 1/4 Sec. 22 T. 13 N N/S R. 67 E White Pine County
 PERMIT NO. 34727

3. TYPE OF WORK			4. PROPOSED USE			5. TYPE WELL							
New Well	<input checked="" type="checkbox"/>	Recondition	<input type="checkbox"/>	Domestic	<input type="checkbox"/>	Irrigation	<input checked="" type="checkbox"/>	Test	<input type="checkbox"/>	Cable	<input checked="" type="checkbox"/>	Rotary	<input type="checkbox"/>
Deepen	<input type="checkbox"/>	Other	<input type="checkbox"/>	Municipal	<input type="checkbox"/>	Industrial	<input type="checkbox"/>	Stock	<input type="checkbox"/>	Other	<input type="checkbox"/>		

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Top Soil		1	5	
Sandy Clay & Gravel		5	85	
Clay		85	90	
Sand & Gravel	X	90	93	
Clay		93	135	
Fine Sand		135	140	
Sandy Clay		140	195	
Gravel	X	195	198	
Cemented Sand & Gr.		198	205	
Sandy Clay		205	250	
Clay & Gravel		250	270	
Gravel	X	270	275	
Clay & Sandy Clay		275	375	
Fine Sand & Clay		375	450	
Clay		450	470	
Sand & Gravel	X	470	475	
Clay		475	500	

8. WELL CONSTRUCTION

Diameter hole 16 inches Total depth 500 feet
 Casing record.....
 Weight per foot..... Thickness 1
 Diameter 14 inches From 0 feet To 500 feet
 _____ inches _____ feet _____ feet
 _____ inches _____ feet _____ feet
 _____ inches _____ feet _____ feet
 _____ inches _____ feet _____ feet
 _____ inches _____ feet _____ feet
 _____ inches _____ feet _____ feet
 Surface seal: Yes No Type.....
 Depth of seal..... feet
 Gravel packed: Yes No
 Gravel packed from..... feet to..... feet
 Perforations:
 Type perforation Torch
 Size perforation 1/4 X 12 6 Rows
 From 90 feet to 485 feet
 From..... feet to..... feet
 From..... feet to..... feet
 From..... feet to..... feet
 From..... feet to..... feet

Date started September 20, 1980
 Date completed October 20, 1980

7. WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump

BAILER TEST

G.P.M.....	Draw down.....	feet	.....	hours
G.P.M.....	Draw down.....	feet	.....	hours
G.P.M.....	Draw down.....	feet	.....	hours

9. WATER LEVEL

Static water level 78 Feet below land surface.....
 Flow..... G.P.M.....
 Water temperature Cool ° F. Quality Good

10. DRILLERS CERTIFICATION

This well was drilled under my supervision and the report is true to the best of my knowledge.

Name Jim Schooler
 Address Box 833 Ely, NV 89301
 Nevada contractor's license number 009557
 Nevada driller's license number 515
 Signed Jim Schooler
 Date November 15, 1980

Log No. 24072
 Permit No. _____
 Basin _____

WELL DRILLERS REPORT

Please complete this form in its entirety

PW-2A
 Spring Valley

1. OWNER White Pine Power Project ADDRESS Post Office Box 135
Ely, Nevada 89301

2. LOCATION 1/4 Sec. 25 T. 15 N. R. 66 E. White Pine County
 PERMIT NO. Waiver

3. TYPE OF WORK	4. PROPOSED USE	5. TYPE WELL
New Well <input checked="" type="checkbox"/> Recondition <input type="checkbox"/>	Domestic <input type="checkbox"/> Irrigation <input type="checkbox"/> Test <input checked="" type="checkbox"/>	Cable <input type="checkbox"/> Rotary <input checked="" type="checkbox"/>
Deepen <input type="checkbox"/> Other <input type="checkbox"/>	Municipal <input type="checkbox"/> Industrial <input type="checkbox"/> Stock <input type="checkbox"/>	Other <input type="checkbox"/>

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Sand & gravel		0	20	20
Sand, gravel, boulders		20	88	68
Cemented boulders		88	128	40
Cem. bldrs. w/ clay stks		128	148	20
Bldrs. sand, gravel		148	198	50
Clay		198	208	10
Clay with gravel		208	268	60
Gravel, sand, boulders		268	388	120
Boulders		388	403	15
Sand, grav, silt, bldrs		403	428	25
Tan clay, sand, gravel		428	448	20
Tan clay with gravel		448	685	237
Clay		685	705	20
Caly, sand & grav.		705	725	20
Caly, some rock		725	865	140
Sand, some clay, occas. boulders		865	945	80'
Brown dry clay		945	960	15
Hard clay		960	1005	45

8. WELL CONSTRUCTION
 Diameter hole 5.80-1005 inches Total depth 1005 feet
 Casing record 12 1/4 inches
 Weight per foot _____ Thickness 375

Diameter	From	To
24 inches	+2 feet	50 feet
12 inches	+2 feet	580 feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet

 Surface seal: Yes No Type Cement
 Depth of seal 50 feet
 Gravel packed: Yes No
 Gravel packed from 0 feet to 1005 feet
 Perforations: Johnson Galvanized
 Type perforation wire wound screen
 Size perforation 12" x 80 slot
 From 170 - 200 feet to 485 - 510 feet
 From 245 - 275 feet to 540 - 570 feet
 From 290 - 325 feet to _____ feet
 From 370 - 400 feet to _____ feet
 From 455 - 470 feet to _____ feet

9. WATER LEVEL
 Static water level 50.78 Feet below land surface
 Flow _____ G.P.M.
 Water temperature _____ ° F. Quality _____

Date started July 24, 19 82
 Date completed September 2, 19 82

7. Air developed & chlorinated WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump

BAILER TEST

G.P.M. _____	Draw down _____ feet	_____ hours
G.P.M. _____	Draw down _____ feet	_____ hours
G.P.M. _____	Draw down _____ feet	_____ hours

10. DRILLERS CERTIFICATION
 This well was drilled under my supervision and the report is true to the best of my knowledge.
 Name THOMPSON DRILLING CO., INC.
4185 West Harmon
 Address Las Vegas, Nevada 89103
 Nevada contractor's license number 4286A
 Nevada driller's license number 582
 Signed Richard K. Thompson
 Date September 23, 1982

OW-2B
Spring Valley

WELL DRILLERS REPORT

Please complete this form in its entirety

Log No. 24073
Permit No. _____
Basin. _____

1. OWNER White Pine Power Project ADDRESS Post Office Box 135
Ely, Nevada 89301

2. LOCATION $\frac{1}{4}$ Sec. 25 T. 15 N. $\frac{1}{4}$ R. 66 E. White Pine County
PERMIT NO. Waiver

3. TYPE OF WORK	4. PROPOSED USE	5. TYPE WELL
New Well <input checked="" type="checkbox"/> Recondition <input type="checkbox"/>	Domestic <input type="checkbox"/> Irrigation <input type="checkbox"/> Test <input checked="" type="checkbox"/>	Cable <input type="checkbox"/> Rotary <input checked="" type="checkbox"/>
Deepen <input type="checkbox"/> Other <input type="checkbox"/>	Municipal <input type="checkbox"/> Industrial <input type="checkbox"/> Stock <input type="checkbox"/>	Other <input type="checkbox"/>

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Clay		0	4	4
Sand & gravel		4	50	46
Gravel & boulders		50	130	80
Sand, grav., some bldrs.		130	150	20
Sand, grav, clay, some rock		150	190	40
Sand, gravel, caly		190	270	80
Hard clay		270	290	20
Hard, clay, boulders		290	330	40
Boulders		330	350	20
Sand, grav. boulders		350	390	40
Loose sand, gravel		390	430	40
Sand, gravel, some silt		430	470	40

8. $0-50=17\frac{1}{2}$ " WELL CONSTRUCTION

Diameter hole 50-470 inches Total depth 470 feet
Casing record = 9 7/8"

Weight per foot 0-50 Thickness 312

Diameter	From	To
12 inches	+2	50
4" PVC	+2	470
inches		
inches		
inches		
inches		
inches		

Surface seal: Yes No Type Cement

Depth of seal 50 feet

Gravel packed: Yes No & 245

Gravel packed from 0-200 feet to 470 feet

Grout seal from 200'-245'

Perforations:

Type perforation Factory slot

Size perforation 1/8 x 2 1/2"

From	feet to	feet
290	390	feet
450	465	feet
		feet
		feet
		feet
		feet

Date started August 11, 19 82
Date completed August 17, 19 82

7. Developed by air WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump

BAILER TEST

G.P.M.	Draw down	feet	hours

9. WATER LEVEL

Static water level 31.45 Feet below land surface

Flow _____ G.P.M.

Water temperature _____ ° F. Quality _____

10. DRILLERS CERTIFICATION

This well was drilled under my supervision and the report is true to the best of my knowledge.

Name THOMPSON DRILLING CO., INC.
4185 West Harmon
Address Las Vegas, Nevada 89103

Nevada contractor's license number 4286A

Nevada driller's license number 582

Signed Richard K. Thompson

Date September 23, 1982



Log No. 24074
 Permit No. _____
 Basin _____

OW-2C

WELL DRILLERS REPORT

Please complete this form in its entirety

1. OWNER White Pine Power Project ADDRESS Post Office Box 135
Ely, Nevada 89301

2. LOCATION $\frac{1}{4}$ $\frac{1}{4}$ Sec. 25 T. 15 N. $\frac{1}{8}$ R. 66 E. White Pine County
 PERMIT NO. Waiver

<p>3. TYPE OF WORK New Well <input checked="" type="checkbox"/> Recondition <input type="checkbox"/> Deepen <input type="checkbox"/> Other <input type="checkbox"/></p>	<p>4. PROPOSED USE Domestic <input checked="" type="checkbox"/> Irrigation <input type="checkbox"/> Test <input checked="" type="checkbox"/> Municipal <input type="checkbox"/> Industrial <input type="checkbox"/> Stock <input type="checkbox"/></p>
---	--

5. TYPE WELL
 Cable Rotary
 Other

6. LITHOLOGIC LOG				
Material	Water Strata	From	To	Thick-ness
Soil, sand, gravel, some rocks		0	20	20
Sand, gravel, rock		20	180	160
Sand, gravel, rock, some clay		180	195	15
Clay		195	210	15

8. $0-50=17\frac{1}{2}$ " WELL CONSTRUCTION
 Diameter hole $50-210=$ inches Total depth 210 feet
 Casing record 11"
 Weight per foot 0-50"=.312 Thickness 200
 Diameter From To
12 inches +2 feet 50 feet
6" PVC inches +2 feet 178 feet
 _____ inches _____ feet _____ feet
 _____ inches _____ feet _____ feet
 _____ inches _____ feet _____ feet

Surface seal: Yes No Type Cement
 Depth of seal 50 feet
 Gravel packed: Yes No
 Gravel packed from 0 feet to 210 feet

Perforations:
 Type perforation Factory slots
 Size perforation 1/8 x 2 1/2 6 rows
 From 53 feet to 173 feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet

9. WATER LEVEL
 Static water level 47.79 Feet below land surface
 Flow _____ G.P.M.
 Water temperature _____ ° F. Quality _____

Date started August 18, 1982
 Date completed August 24, 1982

7. Developed by air WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump

BAILER TEST

G.P.M. _____	Draw down _____ feet	_____ hours
G.P.M. _____	Draw down _____ feet	_____ hours
G.P.M. _____	Draw down _____ feet	_____ hours

10. DRILLERS CERTIFICATION
 This well was drilled under my supervision and the report is true to the best of my knowledge.

Name THOMPSON DRILLING CO., INC.
4185 West Harmon
 Address Las Vegas, Nevada 89103

Nevada contractor's license number 4286A
 Nevada driller's license number 582
 Signed Richard K. Thompson
 Date September 23, 1982

OFFICE USE ONLY
 Log No. 28053
 Permit No. 45648
 Basin SPRING V. 10-189

WELL DRILLERS REPORT

Please complete this form in its entirety

1. OWNER Robert L. Harbecke ADDRESS SRS-Box 27, Ely, Nevada 89301

2. LOCATION NW 1/4 SE 1/4 Sec 16 T. 13N N/S R. 67 E White Pine County
 PERMIT NO. 45648

3. TYPE OF WORK		4. PROPOSED USE			5. TYPE WELL	
New Well <input checked="" type="checkbox"/>	Recondition <input type="checkbox"/>	Domestic <input type="checkbox"/>	Irrigation <input checked="" type="checkbox"/>	Test <input type="checkbox"/>	Cable <input checked="" type="checkbox"/>	Rotary <input type="checkbox"/>
Deepen <input type="checkbox"/>	Other <input type="checkbox"/>	Municipal <input type="checkbox"/>	Industrial <input type="checkbox"/>	Stock <input type="checkbox"/>	Other <input type="checkbox"/>	

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Topsoil		0	2	2 ft.
Clay		2	20	
Clay & gravel		20	55	
Clay		55	82	
Sand & gravel	x	82	85	3 ft
Clay		85	132	
Sand & gravel	x	132	138	6 ft
Clay & sandy clay		138	180	
Sand & gravel	x	180	185	5 ft
Clay & sandy clay		185	223	

8. WELL CONSTRUCTION

Diameter hole 1.6 inches Total depth 223 feet
 Casing record
 Weight per foot Thickness 1/4 wall

Diameter	From	To
<u>1.4</u> inches	<u>0</u> feet	<u>223</u> feet
..... inches	..... feet	..... feet
..... inches	..... feet	..... feet
..... inches	..... feet	..... feet
..... inches	..... feet	..... feet
..... inches	..... feet	..... feet

Surface seal: Yes No Type Redi-Mix
 Depth of seal 50 feet
 Gravel packed: Yes No
 Gravel packed from 50 feet to 223 feet

Perforations:
 Type perforation torch
 Size perforation 6 rows 1/4 x 12"
 From 75 feet to 215 feet
 From feet to feet
 From feet to feet
 From feet to feet
 From feet to feet

9. WATER LEVEL

Static water level 71 feet below land surface
 Flow G.P.M.
 Water temperature cool °F. Quality good

Date started December 12, 1986
 Date completed December 20, 1986

7. WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump

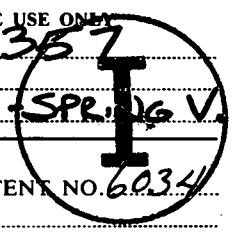
10. DRILLERS CERTIFICATION

This well was drilled under my supervision and the report is true to the best of my knowledge.

Name Jim Schooler
 Address Box 833, Ely, Nev. 89301
 Nevada contractor's license number 9557
 Nevada driller's license number 515
 Signed Jim Schooler
 Date January 16, 1987

BAILER TEST

G.P.M.	Draw down..... feet	..... hours
G.P.M.	Draw down..... feet	..... hours
G.P.M.	Draw down..... feet	..... hours



WELL DRILLERS REPORT

Please complete this form in its entirety

NOTICE OF INTENT NO. 6034

PRINT OR TYPE ONLY

1. OWNER GEO. ELDRIDGE & SON, INC. ADDRESS AT WELL LOCATION _____
MAILING ADDRESS S.R. 1 Box 39
ELY, NV 89301

2. LOCATION SE 1/4 SW 1/4 Sec. 13 T 18 N R 66 E, WHITE PINE County
PERMIT NO. 39817 Issued by Water Resources Parcel No. _____ Subdivision Name _____

3. TYPE OF WORK
New Well Recondition
Deepen Other

4. PROPOSED USE
Domestic Irrigation Test
Municipal Industrial Stock Other

5. TYPE WELL
Cable Rotary
Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
DIRT & GRAVEL		0	19	
GRAVEL	X	19	21.5	
CEMENTED GRAVEL		21.5	23	
SILT		23	27	
COBBLE STONE		27	29	
CLAY		29	41	
GRAVEL	X	41	42	
SILT		42	43	
GRAVEL	X	43	44	
CLAY		44	46	
GRAVEL	X	46	49	
CLAY		49	55	
GRAVEL	X	55	57	
CLAY & ROCKS		57	82	
GRAVEL	X	82	86	
CLAY		86	88	
GRAVEL	X	88	92	
SILT & ROCK		92	100	
CLAY		100	115	
GRAVEL	X	115	120	

8. WELL CONSTRUCTION
Diameter hole 16 inches Total depth 120 feet
Casing record CASED SURFACE TO 120'
Weight per foot UNKNOWN Thickness 250'

Diameter	From	To
<u>16</u> inches	<u>SURFACE</u> feet	<u>120</u> feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet

Surface seal: Yes No Type CEMENT
Depth of seal 20' feet
Gravel packed: Yes No
Gravel packed from _____ feet to _____ feet

Perforations:
Type perforation FACTORY SAW
Size perforation 1/8" x 4"
From 69 feet to 109 feet
From _____ feet to _____ feet
From _____ feet to _____ feet
From _____ feet to _____ feet

Date started 10-9 1986
Date completed 10-12 1986

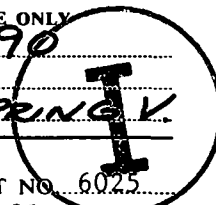
7. WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

9. WELL CAPPED & CONTROL VALVE INSTALLED.
WATER LEVEL
Static water level _____ feet below land surface
Flow 6.0 G.P.M. _____ P.S.I.
Water temperature COLD Quality GOOD

10. DRILLERS CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge. BRENT ELDRIDGE, DRILLER
Name DELBERT ELDRIDGE Contractor
Address S.R. 1 Box 42 AA, ELY, NV Contractor
Nevada contractor's license number 7514A
Nevada contractor's drillers number _____
Nevada driller's license number 844 Actual Driller
Signed Brent Eldridge Contractor
Date 10-13-86

BAILER TEST
G.P.M. _____ Draw down _____ feet _____ hours
G.P.M. _____ Draw down _____ feet _____ hours
G.P.M. _____ Draw down _____ feet _____ hours



WELL DRILLERS REPORT

Please complete this form in its entirety

PRINT OR TYPE ONLY

NOTICE OF INTENT NO. **6025**

1. OWNER Frehner Construction Company ADDRESS AT WELL LOCATION Spring Valley
 MAILING ADDRESS 124 West Brooks Avenue
North Las Vegas, Nevada 89030

2. LOCATION NE 1/4 SW 1/4 Sec. 14 T 14 N 66 E White Pine County
 PERMIT NO. Waiver No. C-33
 Issued by Water Resources Parcel No. Subdivision Name

3. TYPE OF WORK	New Well <input checked="" type="checkbox"/>	Recondition <input type="checkbox"/>	4. PROPOSED USE	Domestic <input type="checkbox"/>	Irrigation <input type="checkbox"/>	Test <input type="checkbox"/>	5. TYPE WELL	Cable <input type="checkbox"/>	Rotary <input checked="" type="checkbox"/>
	Deepen <input type="checkbox"/>	Other <input type="checkbox"/>		Municipal <input type="checkbox"/>	Industrial <input checked="" type="checkbox"/>	Stock <input type="checkbox"/>		Other <input type="checkbox"/>	

6. LITHOLOGIC LOG				
Material	Water Strata	From	To	Thick-ness
Alluvial Boulders & Gravel		0	70	70
Clay & Gravel		70	80	10
Boulders & Gravel		80	125	45
Clay & Gravel		125	135	10
Boulders & Gravel		135	175	40
Limestone Reef		175	190	15
Clay & Gravel		190	275	85
Sandy Clay & Gravel		275	285	10
Clay		285	295	10
Water Sand & Gravel	X	295	300	5
Sand & Clay		300	310	10
Boulders & Clay		310	372	62

Date started June 27 1987
 Date completed June 29 1987

7. WELL TEST DATA			
Pump RPM	G.P.M.	Draw Down	After Hours Pump
40 H.P. Sub. Pump	180	72	12

8. BAILER TEST

G.P.M.	Draw down	feet	hours
G.P.M.	Draw down	feet	hours
G.P.M.	Draw down	feet	hours

8. WELL CONSTRUCTION

Diameter hole 12 inches Total depth 372 feet
 Casing record 8 In. 0 - 372
 Weight per foot 16.94 Thickness 188

Diameter	From	To
<u>8</u> inches	<u>0</u>	<u>372</u>
..... inches	..... feet	..... feet
..... inches	..... feet	..... feet
..... inches	..... feet	..... feet
..... inches	..... feet	..... feet
..... inches	..... feet	..... feet

Surface seal: Yes No Type Cement
 Depth of seal 50 feet
 Gravel packed: Yes No
 Gravel packed from 50 feet to 372 feet

Perforations:
 Type perforation Torch
 Size perforation 3/16" x 6" 5 Rows

From	feet to	feet
<u>167</u>	<u>207</u>	<u>feet</u>
<u>227</u>	<u>354</u>	<u>feet</u>
<u>Blank 354</u>	<u>372</u>	<u>feet</u>
.....
.....

9. WATER LEVEL

Static water level 285 feet below land surface
 Flow G.P.M. P.S.I.
 Water temperature Cold ° F. Quality Good

10. DRILLERS CERTIFICATION

This well was drilled under my supervision and the report is true to the best of my knowledge.

Name Christiansen Drilling, Inc.
 Contractor

Address 557 Ely Avenue, Ely, Nevada 89301
 Contractor

Nevada contractor's license number ~~888~~ 14790
 Nevada contractor's drillers number 641
 Nevada driller's license number 641 Actual Driller

Signed Jerald D. Christiansen Contractor
 Date July 13, 1987

WELL DRILLER'S REPORT

Please complete this form in its entirety

PRINT OR TYPE ONLY

NOTICE OF INTENT NO. 11772

1. OWNER GEO. ELDRIDGE & SON, INC. ADDRESS AT WELL LOCATION N. SPRING VALLEY, ELY, NV 89301
MAILING ADDRESS SRI Box 42, ELY, NV
2. LOCATION SE 1/4 SE 1/4 Sec 24 T 18 N 66 E WHITE PINE Co County
PERMIT NO. 39818 Issued by Water Resources Parcel No. _____ Subdivision Name _____

3. TYPE OF WORK
New Well Recondition
Deepen Other
4. PROPOSED USE
Domestic Irrigation Test
Municipal Industrial Stock
5. TYPE WELL
Cable Rotary
Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
TANSOIL		0	2'	2'
GRAVEL		2'	7'	5'
CLAY		7'	12'	5'
GRAVEL	X	12'	14'	2'
CLAY		14'	28'	14'
GRAVEL	X	28'	30'	2'
CLAY		30'	38'	8'
GRAVEL	X	38'	42'	4'
CLAY		42'	50'	8'
GRAVEL	X	50'	58'	8'
CLAY		58'	64'	6'
GRAVEL	X	64'	70'	6'
CLAY		70'	95'	25'
GRAVEL	X	95'	97'	2'
CLAY / HARDPAN		97'	123'	26'
GRAVEL	X	123'	125'	2'
HARDPAN		125'	127'	2'
QUICKSAND	X	127'	132'	5'
CLAY		132'	168'	36'
GRAVEL	X	168'	170'	2'
HARDPAN		170'	172'	2'
CLAY		172'	182'	10'
GRAVEL	X	182'	187'	5'
CLAY		187'	211'	24'
GRAVEL	X	211'	220'	9'

8. WELL CONSTRUCTION
Diameter 16-24 inches Total depth 220 feet
22" to 24" From SURFACE to 60'
Casing record _____
Weight per foot _____ Thickness 250"
Diameter From To
16 inches _____ feet _____ feet
_____ inches _____ feet _____ feet
_____ inches _____ feet _____ feet
_____ inches _____ feet _____ feet
_____ inches _____ feet _____ feet
Surface seal: Yes No Type CEMENT
Depth of seal 51 feet
Gravel packed: Yes No
Gravel packed from _____ feet to _____ feet
Perforations:
Type perforation TORCH & PERFORATOR
Size perforation 1/4" X 5"
From 38 feet to 210 feet
From _____ feet to _____ feet
From _____ feet to _____ feet
From _____ feet to _____ feet
From _____ feet to _____ feet

Date started 2-20 1991
Date completed 3-18 1991

9. WATER LEVEL
Static water level FLOWS feet below land surface
Flow 30 G.P.M. P.S.I.
Water temperature 52 °F Quality DELICIOUS

7. WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name DELBERT D. ELDRIDGE DRILLING Contractor
Address SRI Box 42 AM Contractor
Nevada contractor's license number issued by the State Contractor's Board 7514 A
Nevada contractor's driller's number issued by the Division of Water Resources 844 ?
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 844
Signed Delbert Eldridge
By driller performing actual drilling on site or contractor
Date 4-15-91

BAILER TEST

G.P.M.	Draw down	feet	hours

Log No. 40857
 Permit 14900
 Basin 14900

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WELL DRILLER'S REPORT

Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

NOTICE OF INTENT NO. 23723

1. OWNER REID GARDNER STA. ADDRESS AT WELL LOCATION NEVADA POWER Co.
 MAILING ADDRESS C/O Converse Consultants REID GARDNER STA.
1670 S. POLARIS AVE, L.V. MOAPA, Nevada.
 2. LOCATION NW 1/4 SE 1/4 Sec 5 T. 15 N. R. 66 E Clark. County
 PERMIT NO. MD-2259 Issued by Water Resources Parcel No. Subdivision Name

3. WORK PERFORMED
 New Well Replace Recondition
 Deepen Abandon Other.....
 4. PROPOSED USE
 Domestic Irrigation Test
 Municipal/Industrial Monitor Stock
 5. WELL TYPE
 Cable Rotary RVC
 Air Other Auger

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
<u>Natural Fill</u>		<u>0</u>	<u>3</u>	<u>3</u>
<u>Silty clay</u>		<u>3</u>	<u>16</u>	<u>13</u>
<u>" " (wet)</u>		<u>16</u>	<u>25</u>	<u>9</u>
<u>J.D. = 25'</u>				

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 Branch Office - Las Vegas, NV

8. WELL CONSTRUCTION
 Depth Drilled 25 Feet Depth Cased 25 Feet
 HOLE DIAMETER (BIT SIZE)
 From 10 Inches To 25 Feet
 From 0 Feet To 25 Feet
 From 0 Feet To 25 Feet
 From 0 Feet To 25 Feet
 CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>4"</u>	<u>21bs</u>	<u>SCH. 40</u>	<u>0</u>	<u>25</u>

 Perforations:
 Type perforation factory slotted
 Size perforation 0.020
 From 10 feet to 25 feet
 From 0 feet to 0 feet
 From 0 feet to 0 feet
 From 0 feet to 0 feet
 From 0 feet to 0 feet
 Surface Seal: Yes No Seal Type:
 Depth of Seal 0.7/5.7 Bent. Neat Cement
 Placement Method: Pumped Cement Grout
 Poured Concrete Grout
w/Bent.
 Gravel Packed: Yes No
 From 7 feet to 25 feet

Date started 3-19 1993
 Date completed 3-19 1993

7. WELL TEST DATA

TEST METHOD:	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<input type="checkbox"/> Bailer <input type="checkbox"/> Pump <input type="checkbox"/> Air Lift			

9. WATER LEVEL
 Static water level 16 (Approx) feet below land surface
 Artesian flow 0 G.P.M. P.S.I.
 Water temperature 0 °F Quality 0

10. DRILLER'S CERTIFICATION
 This well was drilled under my supervision and the report is true to the best of my knowledge.
 Name Richard LeBlanc Contractor
 Address 4670 S. Polaris Ave. Contractor
Las Vegas, Nevada. 89103
 Nevada contractor's license number issued by the State Contractor's Board 0
 Nevada driller's license number issued by the Division of Water Resources, the on-site driller M1817
 Signed R. LeBlanc
 By driller performing actual drilling on site or contractor
 Date 3-29-93

Log No. 40858
 Permit No. _____
 Basin _____

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WELL DRILLER'S REPORT

Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

NOTICE OF INTENT NO. 23724

1. OWNER Nevada Power Co. ADDRESS AT WELL LOCATION Nevada Power Co.
 MAILING ADDRESS C/O Converse Consultants Reid Gardner STA.
4670 S. POLARIS AVE., Las Vegas MOAPA, Nevada.
 2. LOCATION NW 1/4 SE 1/4 Sec 5 T. 05 N. R. 66 E Clark. County
 PERMIT NO. MO-2759 Issued by Water Resources Parcel No. _____ Subdivision Name _____

3. WORK PERFORMED
 New Well Replace Recondition
 Deepen Abandon Other _____
 4. PROPOSED USE
 Domestic Irrigation Test
 Municipal/Industrial Monitor Stock
 5. WELL TYPE
 Cable Rotary RVC
 Air Other Auger

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
<u>Silty Sand & gravel</u>		<u>0</u>	<u>7</u>	<u>7</u>
<u>Sandy clay gray & moist.</u>		<u>7</u>	<u>20</u>	<u>13</u>
<u>I.D. = 20'</u>				

8. WELL CONSTRUCTION
 Depth Drilled 20 Feet Depth Cased 20 Feet
 HOLE DIAMETER (BIT SIZE)
 From 10 Inches To 0 Feet 20 Feet
 _____ Inches _____ Feet _____ Feet
 _____ Inches _____ Feet _____ Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Pt. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>4"</u>	<u>21bs</u>	<u>Sch. 40</u>	<u>0</u>	<u>20</u>

Perforations:
 Type perforation factory slotted
 Size perforation 0.020
 From 5 feet to 20 feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet

Surface Seal: Yes No Seal Type:
 Depth of Seal 0-3 / 1-3 Bent. Neat Cement
 Placement Method: Pumped Cement Grout
 Poured Concrete Grout
w/Bent.
 Gravel Packed: Yes No
 From 3 feet to 20 feet

9. WATER LEVEL
 Static water level 0 (approx) feet below land surface
 Artesian flow _____ G.P.M. _____ P.S.I.
 Water temperature _____ °F Quality _____

10. DRILLER'S CERTIFICATION
 This well was drilled under my supervision and the report is true to the best of my knowledge.
 Name RICHARD LEDRANC Contractor
 Address 4670 S. POLARIS AVE. Contractor
LAS VEGAS NV. 89103
 Nevada contractor's license number issued by the State Contractor's Board _____
 Nevada driller's license number issued by the Division of Water Resources, the on-site driller M1817
 Signed [Signature]
 By driller performing actual drilling on site or contractor
 Date 3-29-93

Date started 3-19, 1993
 Date completed 3-19, 1993

7. WELL TEST DATA

TEST METHOD: Bailor Pump Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)

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 Branch Office - Las Vegas, NV

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 Log No. 40859
 Permit No. _____
 Basin _____

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WELL DRILLER'S REPORT

Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

NOTICE OF INTENT NO. 23725

1. OWNER Nevada Power Co. ADDRESS AT WELL LOCATION Nevada Power Co.
 MAILING ADDRESS C/O Converse Consultants Reid Gardner STA.
4670 S. Polaris Ave, Las Vegas Moapa, Nevada
 2. LOCATION NW 1/4 SE 1/4 Sec 5 T 15 N R 66 E Clark County
 PERMIT NO. MO-2259 Issued by Water Resources Parcel No. _____ Subdivision Name _____

3. WORK PERFORMED
 New Well Replace Recondition
 Deepen Abandon Other _____
 4. PROPOSED USE
 Domestic Irrigation Test
 Municipal/Industrial Monitor Stock
 5. WELL TYPE
 Cable Rotary RVC
 Air Other Auger

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Natural Fill		0	1	1
Fly ASH				
grey soft.		1	60	59
very stiff		60	78	18
J.T. = 78'				
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Div. of Water Resources Branch Office - Las Vegas, NV				

8. WELL CONSTRUCTION
 Depth Drilled 78 Feet Depth Cased 65 Feet
 HOLE DIAMETER (BIT SIZE)
 From 10 Inches 0 Feet 78 Feet
 _____ Inches _____ Feet _____ Feet
 _____ Inches _____ Feet _____ Feet
 CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>4"</u>	<u>21BS</u>	<u>SCH. 40</u>	<u>0</u>	<u>65</u>

 Perforations:
 Type perforation factory slotted
 Size perforation 0.020
 From 10 feet to 65 feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet
 Surface Seal: Yes No Seal Type:
 Depth of Seal 0-8/6-8 Bent. Neat Cement
 Placement Method: Pumped Cement Grout
 Poured Concrete Grout
w/Bent.
 Gravel Packed: Yes No
 From 8 feet to 65 feet

9. WATER LEVEL
 Static water level 45 APPROX feet below land surface
 Artesian flow _____ G.P.M. _____ P.S.I.
 Water temperature _____ °F Quality _____

10. DRILLER'S CERTIFICATION
 This well was drilled under my supervision and the report is true to the best of my knowledge.
 Name Richard LeBlanc Contractor
 Address 4670 S. Polaris Ave.
Las Vegas, Nevada 89103
 Nevada contractor's license number issued by the State Contractor's Board _____
 Nevada driller's license number issued by the Division of Water Resources, the on-site driller M1817
 Signed [Signature]
 By driller performing actual drilling on site or contractor
 Date 3-29-93

7. WELL TEST DATA

TEST METHOD: <input type="checkbox"/> Bailer <input type="checkbox"/> Pump <input type="checkbox"/> Air Lift			
G.P.M.	Draw Down (Feet Below Static)	Time (Hours)	

Date started 3-20 1993
 Date completed 3-20 1993

OFFICE USE ONLY
 Log No. 41060
 Permit No. 1841
 Basin. 1841

WELL DRILLER'S REPORT

Please complete this form in its entirety

NOTICE OF INTENT NO. 14044

PRINT OR TYPE ONLY

1. OWNER Minel Inc. ADDRESS AT WELL LOCATION Hiway 6 & 50 Osceola District
 MAILING ADDRESS 309 Washington SE White Pine County NV
Albuquerque, NM 87108
 2. LOCATION SE 1/4 NE 1/4 Sec 21 T 14 N/S R. 67 E White Pine County
 PERMIT NO. 25524 58303-T 12-160-11 none
 Issued by Water Resources Parcel No. Subdivision Name

3. TYPE OF WORK
 New Well Recondition
 Deepen Other

4. PROPOSED USE
 Domestic Irrigation Test
 Municipal Industrial Stock Other

5. TYPE WELL
 Cable Rotary
 Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
soil, gravel		0	1	1
hardpan, boulders		1	60	59
sand, gravel, water	x	60	65	5
boulders, gravel		65	85	20
sand, gravel, water	x	85	90	5
sandstone, gravel		90	160	70
sand, gravel, water	x	160	165	5
sandstone, gravel		165	211	46

8. WELL CONSTRUCTION

Diameter 12 inches Total depth 211 feet

Casing record 31.37 lb./ft. Thickness .250

Diameter	From	To
<u>12</u> inches	<u>0</u> feet	<u>208</u> feet
inches	feet	feet
inches	feet	feet
inches	feet	feet
inches	feet	feet
inches	feet	feet

Surface seal: Yes No Type cement
 Depth of seal 50 ft. feet
 Gravel packed: Yes No
 Gravel packed from 50 feet to 85 feet

Perforations:
 Type perforation factory
 Size perforation 1/8" x 2 1/2"
 From 1060 feet to 70 feet
 From 89 feet to 109 feet
 From 128 feet to 208 feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet

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Date started March 23, 1993
 Date completed April 13, 1993

7. WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump
	<u>220</u>	<u>190</u>	<u>16</u>

BAILER TEST

G.P.M. _____ Draw down _____ feet _____ hours
 G.P.M. _____ Draw down _____ feet _____ hours
 G.P.M. _____ Draw down _____ feet _____ hours

9. WATER LEVEL

Static water level 57 feet below land surface
 Flow _____ G.P.M. _____ P.S.I.
 Water temperature _____ °F Quality _____

10. DRILLER'S CERTIFICATION

This well was drilled under my supervision and the report is true to the best of my knowledge.

Name Christiansen Drilling, Inc.
 Contractor
 Address 557 Ely Ave. Ely, NV 89301
 Contractor
 Nevada contractor's license number 14790
 issued by the State Contractor's Board
 Nevada contractor's driller's number 641
 issued by the Division of Water Resources
 Nevada driller's license number issued by the 641
 Division of Water Resources, the on-site driller
 Signed Jerold D. Christiansen
 By driller performing actual drilling on site or contractor
 Date May 6, 1993

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 Log No. 11479
 Permit No.
 Basin 219

MW-4

WELL DRILLER'S REPORT
 Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

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NOTICE OF INTENT NO. 10146

1. OWNER NEVADA POWER COMPANY ADDRESS AT WELL LOCATION NEVADA POWER CO.
 MAILING ADDRESS 90 CONVERSE CONSULTANTS REID GARDNER STA. P.O. BOX 77
4670 S. POLARIS AV. LAS VEGAS, NV 89103 MOAPA, NEVADA 89025

2. LOCATION NW 1/4 SE 1/4 Sec. 5 T. 15 N. 66 E. County _____
 PERMIT NO. MO-2264 Issued by Water Resources Parcel No. _____ Subdivision Name _____

3. WORK PERFORMED
 New Well Replace Recondition
 Deepen Abandon Other _____

4. PROPOSED USE
 Domestic Irrigation Test
 Municipal/Industrial Monitor Stock

5. WELL TYPE
 Cable Rotary RVC
 Air Other AUGER

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
FILL - GRAVELLY SAND		0'	5'	5'
CLAY		5'	7'	2'
CLAY WITH GRAVEL		7'	9'	2'
CLAY TRACE GRAVEL		9'	11'	2'
CLAY		11'	14'	3'
CLAY SOME GRAVEL		14'	19'	5'
CLAY LITTLE GRAVEL		19'	20'	1'
SILTY CLAY		20'	25'	5'
SILTY SAND		25'	30'	5'

8. WELL CONSTRUCTION
 Depth Drilled 30 Feet Depth Cased 30 Feet

HOLE DIAMETER (BIT SIZE)
 From 10 Inches To 0 Feet 30 Feet
 _____ Inches _____ Feet _____ Feet
 _____ Inches _____ Feet _____ Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
4"	2 lbs	SCH 40	0	30

Perforations:
 Type perforation FACTORY SLOTTED
 Size perforation 0.020
 From 20 feet to 30 feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet

Surface Seal: Yes No Seal Type:
 Depth of Seal 0-15 / 10-15 BENT. Neat Cement
 Placement Method: Pumped Cement Grout
 Poured Concrete Grout

Gravel Packed: Yes No
 From 15 feet to 30 feet

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Date started 4-16 1993
 Date completed 4-16 1993

7. WELL TEST DATA

TEST METHOD:	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<input type="checkbox"/> Bailer <input type="checkbox"/> Pump <input type="checkbox"/> Air Lift			

9. WATER LEVEL
 Static water level 25' feet below land surface
 Artesian flow _____ G.P.M. _____ P.S.I.
 Water temperature _____ °F Quality _____

10. DRILLER'S CERTIFICATION
 This well was drilled under my supervision and the report is true to the best of my knowledge.
 Name RICHARD LE BLANC Contractor
 Address 4670 S. POLARIS AV.
LAS VEGAS, NV 89103 Contractor
 Nevada contractor's license number issued by the State Contractor's Board _____
 Nevada driller's license number issued by the Division of Water Resources, the on-site driller M-1817
 Signed [Signature]
 By driller performing actual drilling on site or contractor
 Date 05-03-93

STATE OF NEVADA
 DIVISION OF WATER RESOURCES
WELL DRILLER'S REPORT

OFFICE USE ONLY
 Log No. 44610
 Permit No. _____
 Basin. 10-184

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Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

NOTICE OF INTENT NO. 12201

1. OWNER John Ball ADDRESS AT WELL LOCATION Willard Creek Ranch, Shoshone, Nev. 89291
 MAILING ADDRESS 9320 Stange Ave. Las Vegas, Nev. 89129

2. LOCATION S/E 1/4, N/E 1/4 Sec. 1 T. 13 N/S R. 67 E. White Pine County _____
 PERMIT NO. 0 Issued by Water Resources Parcel No. _____ Subdivision Name _____

3. WORK PERFORMED
 New Well Replace Recondition
 Deepen Abandon Other _____

4. PROPOSED USE
 Domestic Irrigation Test
 Municipal/Industrial Monitor Stock

5. WELL TYPE
 Cable Rotary RVC
 Air Other _____

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
<u>Top Soil</u>		<u>0</u>	<u>3</u>	<u>3</u>
<u>Hard Rock - Limestone</u>		<u>3</u>	<u>100</u>	<u>97</u>
<u>Dry Hole</u>				
<u>Back filled with permeable material</u>				

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8. WELL CONSTRUCTION
 Depth Drilled 100 Feet Depth Cased 0 Feet

HOLE DIAMETER (BIT SIZE)
 From 10 5/8 Inches To 100 Feet
 _____ Inches _____ Feet
 _____ Inches _____ Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
		<u>0</u>		

Perforations:
 Type perforation 0
 Size perforation 0
 From _____ feet to _____ feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet

Surface Seal: Yes No Seal Type:
 Neat Cement
 Cement Grout
 Concrete Grout

Depth of Seal X
 Placement Method: Pumped Poured

Gravel Packed: Yes No
 From _____ feet to _____ feet

9. WATER LEVEL
 Static water level 0 feet below land surface
 Artesian flow 0 G.P.M. 0 P.S.I.
 Water temperature 0 °F Quality 0

10. DRILLER'S CERTIFICATION
 This well was drilled under my supervision and the report is true to the best of my knowledge.

Name Davis Drilling Contractor
 Address PO Box 54 Contractor
Hiko, Nev. 89017

Nevada contractor's license number issued by the State Contractor's Board 0028966
 Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1191

Signed Mike Davis
 By driller performing actual drilling on site or contractor
 Date 10-10-94

Date started 9-1-94, 1993
 Date completed 9-6-94, 1993

7. WELL TEST DATA

TEST METHOD:	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<input type="checkbox"/> Bailer <input type="checkbox"/> Pump <input type="checkbox"/> Air Lift			
<u>Dry Hole</u>			

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WELL DRILLER'S REPORT

Please complete this form in its entirety in
 accordance with NRS 534.170 and NAC 534.340

NOTICE OF INTENT NO. 13108

1. OWNER NEVADA POWER CO/REID GARDNER STA ADDRESS AT WELL LOCATION REID GARDNER FACILITY
 MAILING ADDRESS P.O. Box 77
MOAPA NV 89025

2. LOCATION NW 1/4 SE 1/4 Sec. 5 T. 15 N. R. 66 E. CLARKE County
 PERMIT NO. MD-2455 Parcel No. 690-250-013 Subdivision Name _____

3. WORK PERFORMED
 New Well Replace Recondition
 Deepen Abandon Other _____

4. PROPOSED USE B-6
 Domestic Irrigation Test
 Municipal/Industrial Monitor Stock

5. WELL TYPE
 Cable Rotary RVC
 Air Other AUGER

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
FILL		0	4	4
SANDY GRAVEL		4	6	2
CLAYEY SAND		6	8	2
SANDY CLAY		8	11	3
GRAVELLY SAND		11	14.5	3.5
SILTY CLAY		14.5	15.5	1
CEMENTED SAND/GRAV.		15.5	16	0.5
SILTY SAND		16	17	1
SILTY CLAY		17	20	3
SILTY SAND		20	23	3
POORLY GRADED SAND		23	25	2

8. WELL CONSTRUCTION
 Depth Drilled 25 Feet Depth Cased 25 Feet

HOLE DIAMETER (BIT SIZE)
 From 8 Inches To 25 Feet
 _____ Inches _____ Feet _____ Feet
 _____ Inches _____ Feet _____ Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
2.375	0.64	0.154	0	25

Perforations:
 Type perforation FACTORY SLOT
 Size perforation 0.010
 From 10 feet to 25 feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet

Surface Seal: Yes No Seal Type:
 Depth of Seal 0-6' / 16-8' BENTONITE Neat Cement
 Placement Method: Pumped Cement Grout
 Poured Concrete Grout

Gravel Packed: Yes No
 From 8 feet to 25 feet

9. WATER LEVEL
 Static water level _____ feet below land surface
 Artesian flow _____ G.P.M. _____ P.S.I.
 Water temperature _____ °F Quality _____

10. DRILLER'S CERTIFICATION
 This well was drilled under my supervision and the report is true to the best of my knowledge.

Name THOMAS HIGHT Contractor
 Address 4670 SO EDWARDS AVE
LAS VEGAS NV 89103 Contractor
 Nevada contractor's license number _____ issued by the State Contractor's Board
 Nevada driller's license number issued by the Division of Water Resources, the on site driller M1869
 Signed Thomas Hight
 By driller performing actual drilling on site or contractor
 Date JULY 12, 1994

Date started JUNE 13, 1994
 Date completed JUNE 13, 1994

7. WELL TEST DATA

TEST METHOD:	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<input type="checkbox"/> Bailer <input type="checkbox"/> Pump <input type="checkbox"/> Air Lift			

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 Branch Office - Las Vegas, NV

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WELL DRILLER'S REPORT

Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

NOTICE OF INTENT NO. 13108

1. OWNER NEVADA POWER CO/ REID GARDNER STA ADDRESS AT WELL LOCATION REID GARDNER FACILITY
 MAILING ADDRESS P.O. BOX 77
MOAPA, NV 89025

2. LOCATION NW 1/4 SE 1/4 Sec 5 T 15 NR 66 E CLARK County
 PERMIT NO. MO-2455 690-250-013 Subdivision Name

3. WORK PERFORMED
 New Well Replace Recondition
 Deepen Abandon Other

4. PROPOSED USE B-7
 Domestic Irrigation Test
 Municipal/Industrial Monitor Stock

5. WELL TYPE
 Cable Rotary RVC
 Air Other AUGER

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
FILL		0	5	5
CEMENTED GRAVEL		5	5.5	0.5
CLAYSAND		5.5	8	2.5
SILTY CLAY		8	10	2
SANDY SILT		10	11	1
SANDY GRAVEL		11	12	1
GRAVELLY SAND		12	19	7
SANDY SILT		19	20	1
GRAVELLY SAND		20	24	4
SILTY SAND		24	25	1

8. WELL CONSTRUCTION
 Depth Drilled 25 Feet Depth Cased 24 Feet

HOLE DIAMETER (BIT SIZE)
 From 8 Inches To 0 Feet 25 Feet
 _____ Inches _____ Feet _____ Feet
 _____ Inches _____ Feet _____ Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>2.375</u>	<u>0.64</u>	<u>0.154</u>	<u>0</u>	<u>24</u>

Perforations:
 Type perforation FACTORY SLOT
 Size perforation 0.010
 From 9 feet to 24 feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet

Surface Seal: Yes No Seal Type:
 Depth of Seal 0-5/8-7 BENTONITE Neat Cement
 Placement Method: Pumped Poured Concrete Grout
 Gravel Packed: Yes No
 From 7 feet to 24 feet

9. WATER LEVEL
 Static water level _____ feet below land surface
 Artesian flow _____ G.P.M. _____ P.S.I.
 Water temperature _____ °F Quality _____

10. DRILLER'S CERTIFICATION
 This well was drilled under my supervision and the report is true to the best of my knowledge.

Name THOMAS LIGHT Contractor
 Address 4670 SO. POLARIS AVE
LAS VEGAS NV 89103 Contractor
 Nevada contractor's license number issued by the State Contractor's Board _____
 Nevada driller's license number issued by the Division of Water Resources, the on-site driller M1869
 Signed [Signature]
 By driller performing actual drilling on site or contractor
 Date JULY 12 1994

Date started JUNE 13 1994
 Date completed JUNE 13 1994

7. WELL TEST DATA

TEST METHOD:	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<input type="checkbox"/> Bailer <input type="checkbox"/> Pump <input type="checkbox"/> Air Lift			

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WELL DRILLER'S REPORT

Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

NOTICE OF INTENT NO. 13108

1. OWNER NEVADA POWER CO/REID GARDNER STA. ADDRESS AT WELL LOCATION REID GARDNER FACILITY
 MAILING ADDRESS P.O. BOX 77
MDAPA, NV 89025

2. LOCATION NW 1/4 SE 1/4 Sec 5 T 15 N 66 E CLARK County
 PERMIT NO. MD-2455 Parcel No. 690-250-013 Subdivision Name _____

3. WORK PERFORMED
 New Well Replace Recondition
 Deepen Abandon Other _____

4. PROPOSED USE B-10
 Domestic Irrigation Test
 Municipal/Industrial Monitor Stock

5. WELL TYPE
 Cable Rotary RVC
 Air Other AUGER

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
CONCRETE/FILL		0	4	4
SANDY CLAY		4	6	2
CLAYEY SAND		6	8	2
SANDY CLAY		8	9	1
SANDY GRAVEL		9	10.5	1.5
GRAVELLY SAND		10.5	11	0.5
SANDY GRAVEL		11	13.5	2.5
SANDY SILT		13.5	14	0.5
GRAVELLY SAND		14	17	3
SANDY GRAVEL		17	18	1
SAND		18	19.5	1.5
SILTY CLAY		19.5	20.5	1
CLAYEY SAND		20.5	22.5	2
SANDY CLAY		22.5	24	1.5
GRAVELLY SAND		24	26	2
SANDY GRAVEL		26	28	2
GRAVELLY SAND		28	32	4
SILTY CLAY		32	35	3

8. WELL CONSTRUCTION
 Depth Drilled 35 Feet Depth Cased 35 Feet

HOLE DIAMETER (BIT SIZE)
 From 8 Inches To 0 Feet 35 Feet
 _____ Inches _____ Feet _____ Feet
 _____ Inches _____ Feet _____ Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>2.375</u>	<u>0.64</u>	<u>0.154</u>	<u>0</u>	<u>35</u>

Perforations:
 Type perforation FACTORY SLOT
 Size perforation 0.010
 From 15 feet to 35 feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet

Surface Seal: Yes No Seal Type:
 Depth of Seal 0-10'/10-12' BENTONITE Neat Cement
 Placement Method: Pumped Cement Grout
 Poured Concrete Grout

Gravel Packed: Yes No
 From 12 feet to 35 feet

9. WATER LEVEL
 Static water level _____ feet below land surface
 Artesian flow _____ G.P.M. _____ P.S.I.
 Water temperature _____ °F Quality _____

10. DRILLER'S CERTIFICATION
 This well was drilled under my supervision and the report is true to the best of my knowledge.
 Name THOMAS HIGA Contractor
 Address 4670 SO POLARIS AVE
LAS VEGAS NV 89103 Contractor
 Nevada contractor's license number _____ issued by the State Contractor's Board
 Nevada driller's license number issued by the Division of Water Resources, the on-site driller M1869
 Signed [Signature]
 By driller performing actual drilling on site or contractor
 Date JULY 12, 1994

Date started JUNE 14, 1994
 Date completed JUNE 14, 1994

7. WELL TEST DATA

TEST METHOD: Bailer Pump Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)

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STATE OF NEVADA
DIVISION OF WATER RESOURCES
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NOTICE OF INTENT NO. 13108

1. OWNER NEVADA POWER CO/REID GARDNER STA ADDRESS AT WELL LOCATION REID GARDNER FACILITY
MAILING ADDRESS P.O. Box 77
MOAPA, NV 89025
2. LOCATION NW 1/4 SE 1/4 Sec 5 T. 15 N. R. 66 E. CLARK County
PERMIT NO. MO-2455 Issued by Water Resources Parcel No. 690-250-013 Subdivision Name

3. WORK PERFORMED
 New Well Replace Recondition
 Deepen Abandon Other.....
4. PROPOSED USE B-12
 Domestic Irrigation Test
 Municipal/Industrial Monitor Stock
5. WELL TYPE
 Cable Rotary RVC
 Air Other AUGER

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
FILL		0	1	1
CLAYEY SAND		1	4	3
SILTY CLAY		4	10	6
SANDY GRAVEL		10	14	4
SILTY CLAY		14	25	11

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8. WELL CONSTRUCTION
Depth Drilled 25 Feet Depth Cased 25 Feet
HOLE DIAMETER (BIT SIZE)
From 8 Inches To 25 Feet
Inches..... Feet..... Feet
Inches..... Feet..... Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>2.375</u>	<u>0.64</u>	<u>0.154</u>	<u>0</u>	<u>25</u>

Perforations:
Type perforation FACTORY SLOT
Size perforation 0.010
From 5-7 feet to 25 feet
From..... feet to..... feet
From..... feet to..... feet
From..... feet to..... feet

Surface Seal: Yes No Seal Type:
Depth of Seal 0-1'-1-3' BENTONITE Neat Cement
Placement Method: Pumped Concrete Grout
 Poured
Gravel Packed: Yes No
From 3 feet to 25 feet

9. WATER LEVEL
Static water level..... feet below land surface
Artesian flow..... G.P.M..... P.S.I.
Water temperature..... °F Quality.....

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name THOMAS HIGHT Contractor
Address 4670 SO. POLARIS AVE
LAS VEGAS NV 89103
Nevada contractor's license number issued by the State Contractor's Board.....
Nevada driller's license number issued by the Division of Water Resources the on-site driller M1869
Signed Tom Hight
By driller performing actual drilling on site or contractor
Date July 12 1994

Date started JUNE 29 1994
Date completed JUNE 29 1994

7. WELL TEST DATA

TEST METHOD:	Bailer	Pump	Air Lift
G.P.M.	Draw Down (Feet Below Static)	Time (Hours)	

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WELL DRILLER'S REPORT

Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

NOTICE OF INTENT NO. 13108

1. OWNER NEVADA POWER CO/RED GARDNER STA ADDRESS AT WELL LOCATION RED GARDNER FACILITY
MAILING ADDRESS P.O. Box 77
MOAPA, NV 89025

2. LOCATION NW 1/4 SE 1/4 Sec 5 T 15 N 66 E CLARK County
PERMIT NO. MD-0455 690-250-013 Issued by Water Resources Parcel No. Subdivision Name

3. WORK PERFORMED
 New Well Replace Recondition
 Deepen Abandon Other

4. PROPOSED USE B-11
 Domestic Irrigation Test
 Municipal/Industrial Monitor Stock

5. WELL TYPE
 Cable Rotary RVC
 Air Other AUGER

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
SILTY SAND		0	5	5
GRAVELLY SAND		5	8	3
SANDY GRAVEL		8	9.5	1.5
GRAVELLY SAND		9.5	11	1.5
SANDY GRAVEL		11	12	1
GRAVELLY SAND		12	12.5	0.5
SANDY GRAVEL		12.5	13.5	1
GRAVELLY SAND		13.5	15.5	2
SANDY SILT		15.5	16.5	1
GRAVELLY SAND		16.5	20	3.5
SILTY CLAY		20	23	3
GRAVELLY SAND		23	24.5	1.5
SILTY CLAY		24.5	35.5	1

8. WELL CONSTRUCTION
Depth Drilled 25.3 Feet Depth Cased 24 Feet

HOLE DIAMETER (BIT SIZE)
From 8 Inches To 25.5 Feet
Inches Feet Feet Feet
Inches Feet Feet Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>2.375</u>	<u>0.64</u>	<u>0.154</u>	<u>0</u>	<u>24</u>

Perforations:
Type perforation FACTORY SLOT
Size perforation 0.010
From 9 feet to 24 feet
From _____ feet to _____ feet
From _____ feet to _____ feet
From _____ feet to _____ feet
From _____ feet to _____ feet

Surface Seal: Yes No Seal Type:
Depth of Seal 0.5/5-7 BENTONITE Neat Cement
Placement Method: Pumped Cement Grout
 Poured Concrete Grout

Gravel Packed: Yes No
From 7 feet to 24 feet

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9. WATER LEVEL
Static water level _____ feet below land surface
Artesian flow _____ G.P.M. _____ P.S.I.
Water temperature _____ °F Quality _____

Date started JUNE 14 1994
Date completed JUNE 14 1994

7. WELL TEST DATA

TEST METHOD:	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<input type="checkbox"/> Bailer <input type="checkbox"/> Pump <input type="checkbox"/> Air Lift			

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name THOMAS HIGH Contractor
Address 4670 SO. POLARIS AVE
LAS VEGAS NV 89103 Contractor
Nevada contractor's license number issued by the State Contractor's Board _____
Nevada driller's license number issued by the Division of Water Resources, the on-site driller M1869
Signed Tom High
By driller performing actual drilling on site or contractor
Date JULY 12 1994

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Permit No. _____
Basin 184

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WELL DRILLER'S REPORT

Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

NOTICE OF INTENT NO. 13108

1. OWNER NEVADA POWER COMPANY, REID GARDNER SA ADDRESS AT WELL LOCATION REID GARDNER FACILITY
MAILING ADDRESS P.O. BOX 77 MOAPA, NV 89025
2. LOCATION NW 1/4 SE 1/4 Sec. 5 T. 15 N. 66 E CLARK County
PERMIT NO. MO-2455 Issued by Water Resources Parcel No. 690-250-013 Subdivision Name

3. WORK PERFORMED
 New Well Replace Recondition
 Deepen Abandon Other _____
4. PROPOSED USE B-1
 Domestic Irrigation Test
 Municipal/Industrial Monitor Stock
5. WELL TYPE
 Cable Rotary RVC
 Air Other AUGER

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
<u>FILL</u>		<u>0</u>	<u>2</u>	<u>2</u>
<u>SILTY SAND</u>		<u>2</u>	<u>12</u>	<u>10</u>
<u>CLAYEY GRAVEL</u>		<u>12</u>	<u>17</u>	<u>5</u>
<u>CEMENTED GRAVEL</u>		<u>17</u>	<u>25</u>	<u>8</u>

8. WELL CONSTRUCTION
Depth Drilled 25 Feet Depth Cased 25 Feet
HOLE DIAMETER (BIT SIZE)
8 Inches From 0 To 25 Feet
Inches Feet Feet
Inches Feet Feet
Inches Feet Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>2.375</u>	<u>0.64</u>	<u>0.154</u>	<u>0</u>	<u>25</u>

Perforations:
Type perforation FACTORY SLOT
Size perforation 0.010
From 5 feet to 25 feet
From _____ feet to _____ feet
From _____ feet to _____ feet
From _____ feet to _____ feet
From _____ feet to _____ feet
Surface Seal: Yes No Seal Type: Neat Cement
Depth of Seal 0-1/1-3' BENTONITE Cement Grout
Placement Method: Pumped Concrete Grout
 Poured
Gravel Packed: Yes No
From 3 feet to 25 feet

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Date started JUNE 7 1994
Date completed JUNE 7 1994

7. WELL TEST DATA

TEST METHOD: Bailer Pump Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)

9. WATER LEVEL
Static water level _____ feet below land surface
Artesian flow _____ G.P.M. _____ P.S.I.
Water temperature _____ °F Quality _____

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name THOMAS AIGI
Address 4670 SO. POLARIS AVE LAS VEGAS NV 89103
Nevada contractor's license number issued by the State Contractor's Board _____
Nevada driller's license number issued by the Division of Water Resources, the on-site driller M1869
Signed _____ By driller performing actual drilling on site or contractor
Date JULY 12 1994

STATE OF NEVADA
DIVISION OF WATER RESOURCES

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Permit No. _____
Basin **184**

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WELL DRILLER'S REPORT

Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

NOTICE OF INTENT NO. **13108**

1. OWNER **NEVADA POWER CO/REID GARDNER STA** ADDRESS AT WELL LOCATION **REID GARDNER FACILITY**
MAILING ADDRESS **P.O. BOX 77 MOAPA, NV 89025**
2. LOCATION **NW 1/4 SE 1/4 Sec. 5 T. 15 N. R. 66 E. CLARK** County
PERMIT NO. **MO-2455** Issued by Water Resources Parcel No. **690-250-013** Subdivision Name

3. WORK PERFORMED
 New Well Replace Recondition
 Deepen Abandon Other _____
4. PROPOSED USE **B-2**
 Domestic Irrigation Test
 Municipal/Industrial Monitor Stock
5. WELL TYPE
 Cable Rotary RVC
 Air Other **AUGER**

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
FILL		0	1	1
SILTY SAND		1	7	6
SANDY GRAVEL		7	22.5	15.5
SILTY SANDY GRAVEL		22.5	25	2.5

8. WELL CONSTRUCTION
Depth Drilled **25** Feet Depth Cased **25** Feet
HOLE DIAMETER (BIT SIZE)
From **8** Inches To **25** Feet
Inches _____ Feet _____ Feet
Inches _____ Feet _____ Feet
CASING SCHEDULE
Size O.D. (Inches) Weight/Ft. (Pounds) Wall Thickness (Inches) From (Feet) To (Feet)
2.375 **0.64** **0.154** **0** **25**
Perforations:
Type perforation **FACTORY SLOT**
Size perforation **0.010**
From **5** feet to **25** feet
From _____ feet to _____ feet
From _____ feet to _____ feet
From _____ feet to _____ feet
From _____ feet to _____ feet
Surface Seal: Yes No Seal Type:
Depth of Seal **0-1/1-3' BENTONITE** Neat Cement
Placement Method: Pumped Cement Grout
 Poured Concrete Grout
Gravel Packed: Yes No
From **3** feet to **25** feet

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Branch Office - Las Vegas, NV

Date started **JUNE 7**, 19**94**
Date completed **JUNE 7**, 19**94**

7. WELL TEST DATA

TEST METHOD:	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<input type="checkbox"/> Bailer <input type="checkbox"/> Pump <input type="checkbox"/> Air Lift			

9. WATER LEVEL
Static water level _____ feet below land surface
Artesian flow _____ G.P.M. _____ P.S.I.
Water temperature _____ °F Quality _____

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name **THOMAS HIGH** Contractor
Address **4670 SO. POLARIS AVE LAS VEGAS NV 89103** Contractor
Nevada contractor's license number issued by the State Contractor's Board _____
Nevada driller's license number issued by the Division of Water Resources, the on-site driller **M1869**
Signed _____ By driller performing actual drilling on site or contractor
Date **JULY 12 1994**

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WELL DRILLER'S REPORT

Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

NOTICE OF INTENT NO. 13108

1. OWNER NEVADA POWER CO/REID GARDNER STA
MAILING ADDRESS P.O. BOX 77 MOAPA, NV 89025
2. LOCATION NW 1/4 SE 1/4 Sec 5 T 15 NR 66 E CLARK County
PERMIT NO. MO-2455 690-250-013
Issued by Water Resources Parcel No. Subdivision Name

ADDRESS AT WELL LOCATION REID GARDNER FACILITY

3. WORK PERFORMED
 New Well Replace Recondition Deepen Abandon Other
4. PROPOSED USE B-3
 Domestic Irrigation Test Municipal/Industrial Monitor Stock
5. WELL TYPE
 Cable Rotary RVC Air Other AUGER

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
FILL		0	1	1
CLAYEY SAND		1	4	3
CEMENTED GRAVEL		4	10	6
SILTY SAND		10	16.5	6.5
SANDY CLAY		16.5	25	8.5

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8. WELL CONSTRUCTION
Depth Drilled 25 Feet Depth Cased 25 Feet
HOLE DIAMETER (BIT SIZE)
8 Inches From 0 To 25 Feet
Inches Feet Feet
Inches Feet Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
2.375	0.64	0.154	0	25

Perforations:
Type perforation FACTORY SLOT
Size perforation 0.010
From 5 feet to 25 feet
From feet to feet
From feet to feet
From feet to feet

Surface Seal: Yes No Seal Type:
Depth of Seal 0-1' / 1-3' BENTONITE Neat Cement
Placement Method: Pumped Cement Grout
 Poured Concrete Grout
Gravel Packed: Yes No
From 3 feet to 25 feet

9. WATER LEVEL
Static water level feet below land surface
Artesian flow G.P.M. P.S.I.
Water temperature °F Quality

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name THOMAS HIGH

Date started July 7, 1994
Date completed July 7, 1994

7. WELL TEST DATA

TEST METHOD: <input type="checkbox"/> Bailer <input type="checkbox"/> Pump <input type="checkbox"/> Air Lift	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)

Address 4670 SO. POLARIS AVE LAS VEGAS NV 89103
Nevada contractor's license number issued by the State Contractor's Board
Nevada driller's license number issued by the Division of Water Resources, the on-site driller M1869
Signed [Signature]
Date July 12, 1994
By driller performing actual drilling on site or contractor

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 Permit No. _____
 Basin **184**

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WELL DRILLER'S REPORT

Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

NOTICE OF INTENT NO. **13108**

1. OWNER **NEVADA POWER CO / REID GARDNER STA**
 MAILING ADDRESS **P.O. BOX 77**
MOAPA, NV 89025

ADDRESS AT WELL LOCATION **REID GARDNER FACILITY**

2. LOCATION **NW 1/4 SE 1/4 Sec. 5 T. 15 N. 66 E. CLARK**
 PERMIT NO. **MO-2455** Issued by Water Resources
690-250-013 Parcel No.

County **CLARK**
 Subdivision Name _____

3. WORK PERFORMED
 New Well
 Deepen
 Replace
 Abandon
 Recondition
 Other _____

4. PROPOSED USE **B-4**
 Domestic
 Municipal/Industrial
 Irrigation
 Monitor
 Test
 Stock

5. WELL TYPE
 Cable
 Rotary
 Air
 RVC
 Other **AUGER**

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
GRAVELLY SAND		0	10	10
SANDY GRAVEL		10	25	15

8. WELL CONSTRUCTION
 Depth Drilled **25** Feet
 Depth Cased **25** Feet

HOLE DIAMETER (BIT SIZE)
 From **8** Inches
 To **0** Feet **25** Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
2.375	0.64	0.154	0	25

Perforations:
 Type perforation **FACTORY SLOT**
 Size perforation **0.010**
 From **5** feet to **25** feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet

Surface Seal: Yes No
 Depth of Seal **0-1' / 1-3' BENTONITE**
 Placement Method: Pumped
 Poured
 Seal Type: Neat Cement
 Cement Grout
 Concrete Grout
 Gravel Packed: Yes No
 From **3** feet to **25** feet

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9. WATER LEVEL
 Static water level _____ feet below land surface
 Artesian flow _____ G.P.M. _____ P.S.I.
 Water temperature _____ °F Quality _____

Date started **JUNE 7** 19**94**
 Date completed **JUNE 7** 19**94**

10. DRILLER'S CERTIFICATION
 This well was drilled under my supervision and the report is true to the best of my knowledge.
 Name **THOMAS HIGH**
 Address **4670 SO. POLARIS AVE LAS VEGAS NV 89103**
 Nevada contractor's license number issued by the State Contractor's Board _____
 Nevada driller's license number issued by the Division of Water Resources, the on-site driller **M1869**
 Signed _____
 By driller performing or supervising drilling on site or contractor
 Date **JULY 12 1994**

7. WELL TEST DATA

TEST METHOD:	TEST METHOD:		
	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<input type="checkbox"/> Bailer			
<input type="checkbox"/> Pump			
<input type="checkbox"/> Air Lift			

WELL DRILLER'S REPORT

Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

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NOTICE OF INTENT NO. 13108
REID GARDNER

1. OWNER NEVADA POWER CO/REID GARDNER STA ADDRESS AT WELL LOCATION REID GARDNER FACILITY
MAILING ADDRESS P.O. BOX 77
MCAPA NV 89025

2. LOCATION NW 1/4 SE 1/4 Sec 5 T 15 N 66 E CLARK County
PERMIT NO. MO-2455 690-250-013 Subdivision Name

3. WORK PERFORMED
 New Well Replace Recondition
 Deepen Abandon Other.....

4. PROPOSED USE B-5
 Domestic Irrigation Test
 Municipal/Industrial Monitor Stock

5. WELL TYPE
 Cable Rotary RVC
 Air Other AUGER

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
<u>SILTY CLAY</u>		<u>0</u>	<u>16.5</u>	<u>16.5</u>
<u>CLAYEY SILT</u>		<u>16.5</u>	<u>25</u>	<u>8.5</u>

8. WELL CONSTRUCTION
Depth Drilled 25 Feet Depth Cased 25 Feet

HOLE DIAMETER (BIT SIZE)
From 8 Inches To 25 Feet
Inches Feet Feet
Inches Feet Feet
Inches Feet Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>2.375</u>	<u>0.64</u>	<u>0.154</u>	<u>0</u>	<u>25</u>

Perforations:
Type perforation FACTORY SLOT
Size perforation 0.010
From 5 feet to 25 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Surface Seal: Yes No Seal Type:
Depth of Seal 0-1 1/3' BENTONITE Neat Cement
Placement Method: Pumped Poured Cement Grout Concrete Grout

Gravel Packed: Yes No
From 3 feet to 25 feet

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9. WATER LEVEL
Static water level.....feet below land surface
Artesian flow..... G.P.M. P.S.I.
Water temperature.....°F Quality

Date started JUNE 7 1994
Date completed JUNE 7 1994

7. WELL TEST DATA

TEST METHOD: <input type="checkbox"/> Bailer <input type="checkbox"/> Pump <input type="checkbox"/> Air Lift	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.

Name THOMAS HIGHT
Address 4670 SO. POJARIS AVE
LAS VEGAS NV 89103
Nevada contractor's license number issued by the State Contractor's Board.....
Nevada driller's license number issued by the Division of Water Resources, the on-site driller M1869
Signed *Tom Hight*
By driller performing actual drilling on site or contractor
Date July 12, 1994

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WELL DRILLER'S REPORT

Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

NOTICE OF INTENT NO. 13108

1. OWNER NEVADA POWER CO / REID GARDNER STA ADDRESS AT WELL LOCATION REID GARDNER FACILITY
 MAILING ADDRESS P.O. BOX 77
MOAPA NV 89025
 2. LOCATION NW 1/4 SE 1/4 Sec 5 T 15 NR 66 E CLARK County
 PERMIT NO. MO-2455 Issued by Water Resources Parcel No. 690-250-013 Subdivision Name _____

3. WORK PERFORMED
 New Well Replace Recondition
 Deepen Abandon Other _____
 4. PROPOSED USE SW-1
 Domestic Irrigation Test
 Municipal/Industrial Monitor Stock
 5. WELL TYPE
 Cable Rotary RVC
 Air Other AUGER

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
FILL		0	1.5	1.5
SANDY CLAY		1.5	7	5.5
SANDY GRAVEL		7	8	1
INTERBEDDED SANDS + CLAYS		8	19	11
SANDY SILT		19	20	1
SILTY SAND		20	21	1
SILTY CLAY - PART. CUT.		21	25	4
SANDS + CLAYS		25	29	4
CEMENTED SAND/GRAVEL		29	29.5	0.5
SAND		29.5	34	4.5

8. WELL CONSTRUCTION
 Depth Drilled 34 Feet Depth Cased 34 Feet
 HOLE DIAMETER (BIT SIZE)
 From 8 Inches To 0 Feet 34 Feet
 _____ Inches _____ Feet _____ Feet
 _____ Inches _____ Feet _____ Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
2.375	0.64	0.154	0	34

Perforations:
 Type perforation FACTORY SLOT
 Size perforation 0.010
 From 31.5 feet to 34 feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet

Surface Seal: Yes No Seal Type:
 Depth of Seal 0-25/25-29 BENTONITE Neat Cement
 Placement Method: Pumped Cement Grout
 Poured Concrete Grout
 Gravel Packed: Yes No
 From 29 feet to 34 feet

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 Branch Office - Las Vegas, NV

9. WATER LEVEL
 Static water level _____ feet below land surface
 Artesian flow _____ G.P.M. _____ P.S.I.
 Water temperature _____ °F Quality _____

Date started JUNE 9 1994
 Date completed JUNE 9 1994

7. WELL TEST DATA

TEST METHOD:	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<input type="checkbox"/> Bailer <input type="checkbox"/> Pump <input type="checkbox"/> Air Lift			

10. DRILLER'S CERTIFICATION
 This well was drilled under my supervision and the report is true to the best of my knowledge.
 Name THOMAS HIGHT
 Address 4670 SO. POLARIS AVE
LAS VEGAS NV 89103
 Nevada contractor's license number issued by the State Contractor's Board _____
 Nevada driller's license number issued by the Division of Water Resources, the on site driller M1869
 Signed [Signature]
 By driller performing actual drilling on site or contractor
 Date JULY 12, 1994

OFFICE USE ONLY
 Log No. **45717**
 Permit No. _____
 Basin. **184**

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WELL DRILLER'S REPORT

Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

NOTICE OF INTENT NO. **13108**

1. OWNER **NEVADA POWER CO/REID GARDNER STA** ADDRESS AT WELL LOCATION **REID GARDNER FACILITY**
 MAILING ADDRESS **P.O. Box 77 MCAPA NV 89025**
 2. LOCATION **NW 1/4 SE 1/4 Sec 5 T 15 N6 R 66 E CLARK** County
 PERMIT NO. **MO-2455** **690-250-013** Subdivision Name

3. WORK PERFORMED
 New Well Replace Recondition
 Deepen Abandon Other _____
 4. PROPOSED USE **B-16**
 Domestic Irrigation Test
 Municipal/Industrial Monitor Stock
 5. WELL TYPE
 Cable Rotary RVC
 Air Other **AUGER**

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
SILTY SAND		0	10	10
GRAVELLY SAND		10	17	7
SILTY SAND		17	25	8

8. WELL CONSTRUCTION
 Depth Drilled **25** Feet Depth Cased **25** Feet
 HOLE DIAMETER (BIT SIZE)
 From **8** Inches **0** Feet **25** Feet
 _____ Inches _____ Feet _____ Feet
 _____ Inches _____ Feet _____ Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
2.375	0.64	0.134	0	25

Perforations:
 Type perforation **FACTORY SLOT**
 Size perforation **0.010**
 From **5** feet to **25** feet
 _____ feet to _____ feet
 _____ feet to _____ feet
 _____ feet to _____ feet
 _____ feet to _____ feet
 Surface Seal: Yes No Seal Type:
 Depth of Seal **0-1' 13' BENTONITE** Neat Cement
 Pumped Cement Grout
 Poured Concrete Grout
 Gravel Packed: Yes No
 From **3** feet to **25** feet

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9. WATER LEVEL
 Static water level _____ feet below land surface
 Artesian flow _____ G.P.M. _____ P.S.I.
 Water temperature _____ °F Quality _____

Date started **JUNE 30** 19**94**
 Date completed **JUNE 30** 19**94**

7. WELL TEST DATA

TEST METHOD: <input type="checkbox"/> Bailer <input type="checkbox"/> Pump <input type="checkbox"/> Air Lift			
G.P.M.	Draw Down (Feet Below Static)	Time (Hours)	

10. DRILLER'S CERTIFICATION
 This well was drilled under my supervision and the report is true to the best of my knowledge.
 Name **THOMAS HIGHT** Contractor
 Address **4670 SO. POLARIS AVE LAS VEGAS NV 89103** Contractor
 Nevada contractor's license number issued by the State Contractor's Board _____
 Nevada driller's license number issued by the Division of Water Resources **M1869**
 Signed **Thomas Hight** By driller performing special drilling on site or contractor
 Date **JULY 12 1994**

STATE OF NEVADA
DIVISION OF WATER RESOURCES
WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 45719
Permit No.
Basin 184

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Please complete this form in its entirety in
accordance with NRS 534.170 and NAC 534.340

NOTICE OF INTENT NO. 13108
REID GARDNER

1. OWNER NEVADA POWER CO / REID GARDNER STA ADDRESS AT WELL LOCATION FACILITY
MAILING ADDRESS P.O. Box 77 MOAPA, NV 89025

2. LOCATION NW 1/4 SE 1/4 Sec 5 T 15 N 66 E CLARK County
PERMIT NO. MO-2055 690-260-013 Subdivision Name

3. WORK PERFORMED: New Well, Replace, Recondition, Deepen, Abandon, Other
4. PROPOSED USE: Domestic, Municipal/Industrial, Irrigation, Monitor, Test, Stock
5. WELL TYPE: Cable, Rotary, RVC, Air, Other ADGER

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
SILTY SAND		0	7	7
SILTY CLAY		7	17	10
SILTY SAND		17	25	8

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Branch Office - Las Vegas, NV

8. WELL CONSTRUCTION
Depth Drilled 25 Feet Depth Cased 25 Feet
HOLE DIAMETER (BIT SIZE)
8 Inches From 0 Feet To 25 Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
2.375	0.64	0.154	0	25

Perforations:
Type perforation FACTORY SLOT
Size perforation 0.010
From 5 feet to 25 feet

Surface Seal: Yes No Seal Type:
Depth of Seal 0-1' / 1-3' BENTONITE Neat Cement
Placement Method: Pumped Concrete Grout
Gravel Packed: Yes No
From 3 feet to 25 feet

9. WATER LEVEL
Static water level _____ feet below land surface
Artesian flow _____ G.P.M. _____ P.S.I.
Water temperature _____ °F Quality _____

Date started JUNE 30 1994
Date completed JUNE 30 1994

7. WELL TEST DATA

TEST METHOD:	<input type="checkbox"/> Bailer	<input type="checkbox"/> Pump	<input type="checkbox"/> Air Lift
G.P.M.	Draw Down (Feet Below Static)	Time (Hours)	

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name THOMAS HIGH Contractor
Address 4670 So. POLARIS AVE Contractor LAS VEGAS NV 89103
Nevada contractor's license number issued by the State Contractor's Board _____
Nevada driller's license number issued by the Division of Water Resources, the on-site driller M1869
Signed Tom High By driller performing actual drilling on site or contractor
Date July 12 1994

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WELL DRILLER'S REPORT

Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

NOTICE OF INTENT NO. **13108**
REID GARDNER

1. OWNER **NEVADA POWER CO/REID GARDNER STA** ADDRESS AT WELL LOCATION **REID GARDNER FACILITY**
MAILING ADDRESS **P.O. BOX 77**
MOAPA NV 89025

2. LOCATION **NW 1/4 SE 1/4 Sec 5 T. 15 N. R. 66 E CLARK** County
PERMIT NO. **MO-2455** Parcel No. **690-250-013** Subdivision Name _____

3. WORK PERFORMED
 New Well Replace Recondition
 Deepen Abandon Other _____

4. PROPOSED USE **B-14**
 Domestic Irrigation Test
 Municipal/Industrial Monitor Stock

5. WELL TYPE
 Cable Rotary RVC
 Air Other **AUGER**

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
FILL		0	3	3
SILTY SAND		3	25	22

8. WELL CONSTRUCTION
Depth Drilled **25** Feet Depth Cased **25** Feet

HOLE DIAMETER (BIT SIZE)
From **8** Inches **0** Feet **25** Feet
Inches _____ Feet _____ Feet
Inches _____ Feet _____ Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
2.375	0.64	0.154	0	25

Perforations:
Type perforation **FACTORY SLOT**
Size perforation **0.010**
From **5** feet to **25** feet
From _____ feet to _____ feet
From _____ feet to _____ feet
From _____ feet to _____ feet

Surface Seal: Yes No
Depth of Seal **0-1-1-3' BENTONITE**
Placement Method: Pumped Poured
Seal Type: Neat Cement Cement Grout Concrete Grout

Gravel Packed: Yes No
From **3** feet to **25** feet

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Branch Office - Las Vegas, NV

Date started **JUNE 30** 19**94**
Date completed **JUNE 30** 19**94**

7. WELL TEST DATA

TEST METHOD: Bailor Pump Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)

9. WATER LEVEL
Static water level _____ feet below land surface
Artesian flow _____ G.P.M. _____ P.S.I.
Water temperature _____ °F Quality _____

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name **THOMAS HIGHT** Contractor
Address **2670 SO. POLARIS AVE**
LAS VEGAS NV 89103 Contractor
Nevada contractor's license number _____
issued by the State Contractor's Board _____
Nevada driller's license number issued by the Division of Water Resources, the on-site driller **M1869**
Signed _____
By driller performing actual drilling on site or contractor
Date **JULY 12 1994**

STATE OF NEVADA
DIVISION OF WATER RESOURCES
WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 45720
Permit No.
Basin. 184

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Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

NOTICE OF INTENT NO. 13108

1. OWNER NEVADA POWER CO/REID GARDNER STA
MAILING ADDRESS P.O. BOX 77
MDAPA NV 89025

ADDRESS AT WELL LOCATION REID GARDNER FACILITY

2. LOCATION NW 1/4 SE 1/4 Sec. 5 T. 15 N. 66 E. CLARK County
PERMIT NO. MD-2455 Issued by Water Resources
690-250-013 Parcel No.

3. WORK PERFORMED
 New Well
 Replace
 Recondition
 Deepen
 Abandon
 Other

4. PROPOSED USE B-13
 Domestic
 Municipal/Industrial
 Irrigation
 Monitor
 Test
 Stock

5. WELL TYPE
 Cable
 Rotary
 RVC
 Air
 Other AUGER

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
FILL		0	1	1
SILTY SAND		1	7	6
SILTY CLAY		7	25	18

8. WELL CONSTRUCTION
Depth Drilled 25 Feet
Depth Cased 25 Feet

HOLE DIAMETER (BIT SIZE)
8 Inches
From 0 Feet To 25 Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
2.375	0.64	0.154	0	25

Perforations:
Type perforation FACTORY SLOT
Size perforation 0.010
From 5 feet to 25 feet

Surface Seal: Yes
Depth of Seal 0-1/1-3' BENTONITE
Placement Method: Pumped
 Poured
Seal Type:
 Neat Cement
 Cement Grout
 Concrete Grout
Gravel Packed: Yes
From 3 feet to 25 feet

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Branch Office - Las Vegas, NV

9. WATER LEVEL
Static water level.....feet below land surface
Artesian flow.....G.P.M.P.S.I.
Water temperature.....°F Quality.....

Date started JUNE 29 1994
Date completed JUNE 29 1994

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name THOMAS HIGG Contractor
Address 4670 30 POLARIS AVE
LAS VEGAS NV 89103
Nevada contractor's license number issued by the State Contractor's Board.....
Nevada driller's license number issued by the Division of Water Resources 11869
Signed [Signature] By driller performing actual drilling on site or contractor
Date JULY 12 1994

7. WELL TEST DATA

TEST METHOD: <input type="checkbox"/> Bailer <input type="checkbox"/> Pump <input type="checkbox"/> Air Lift			
G.P.M.	Draw Down (Feet Below Static)	Time (Hours)	

Log No. 49908
 Permit No. _____
 Basin. 84

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WELL DRILLER'S REPORT

Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

NOTICE OF INTENT TO

1. OWNER Bob Harbeck ADDRESS AT WELL LOCATION Harbeck Ranch Shoshone
 MAILING ADDRESS HC 10 Box 10835 Ely Nev 89301 Nev. Base of Mt Wheeler

2. LOCATION S/E 1/4 SW 1/4 Sec 14 T. 13 S R. 67 E White Pine County
 PERMIT NO. 45648 Issued by Water Resources Parcel No. _____ Subdivision Name _____

3. WORK PERFORMED
 New Well Replace Recondition
 Deepen Abandon Other test

4. PROPOSED USE
 Domestic Irrigation Test
 Municipal/Industrial Monitor Stock

5. WELL TYPE
 Cable Rotary RVC
 Air Other _____

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
<u>Topsoil - Boulders</u>		<u>0</u>	<u>22</u>	<u>22</u>
<u>Hard pan</u>		<u>22</u>	<u>28</u>	<u>6</u>
<u>Boulders</u>		<u>28</u>	<u>42</u>	<u>14</u>
<u>Fractured Rock</u>		<u>42</u>	<u>88</u>	<u>46</u>
<u>Decomposed Rock</u>		<u>88</u>	<u>91</u>	<u>3</u>
<u>Hard Rock - Boulders</u>		<u>91</u>	<u>131</u>	<u>40</u>
<u>Hard Rock</u>		<u>131</u>	<u>194</u>	<u>3</u>

Dry Hole

back filled with sand - cuttings

8. WELL CONSTRUCTION
 Depth Drilled 134 Feet Depth Cased 0 Feet

HOLE DIAMETER (BIT SIZE)
 From 7 7/8 Inches To 0 Feet 134 Feet
 _____ Inches _____ Feet _____ Feet
 _____ Inches _____ Feet _____ Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)

Perforations:
 Type perforation 0
 Size perforation 0
 From _____ feet to _____ feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet

Surface Seal: Yes No Seal Type:
 Neat Cement
 Cement Grout
 Concrete Grout

Depth of Seal _____

Placement Method: Pumped Poured

Gravel Packed: Yes No
 From _____ feet to _____ feet

9. WATER LEVEL
 Static water level Dry feet below land surface
 Artesian flow _____ G.P.M. _____ P.S.I.
 Water temperature _____ °F Quality _____

10. DRILLER'S CERTIFICATION
 This well was drilled under my supervision and the report is true to the best of my knowledge.
 Name Davis Drilling Contractor
 Address P.O. Box 54 Contractor
Hiko Nev 89017
 Nevada contractor's license number issued by the State Contractor's Board 0028966
 Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1191
 Signed Mike Davis
 By driller performing actual drilling on site or contractor
 Date 5-5-95

Date started 4-22-95, 19_____
 Date completed 5-4-95, 19_____

7. WELL TEST DATA

TEST METHOD: Bailer Pump Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<u>0</u>		

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 Branch Office - Las Vegas, NV

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WELL DRILLER'S REPORT

Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

NOTICE OF INTENT NO. 16446

1. OWNER Bob Harbeck ADDRESS AT WELL LOCATION Harbecke Ranch
 MAILING ADDRESS P.O. Box 10835 Ely Nev 89301 Shoshone Nev. Base of Mt Wheeler

2. LOCATION S/E 1/4 S/W 1/4 Sec. 14 T. 13 N 67 E White Pine County
 PERMIT NO. 45648 Issued by Water Resources Parcel No. Subdivision Name

3. WORK PERFORMED
 New Well Replace Recondition
 Deepen Abandon Other

4. PROPOSED USE
 Domestic Irrigation Test
 Municipal/Industrial Monitor Stock

5. WELL TYPE
 Cable Rotary RVC
 Air Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Top Soil		0	22	22
Boulders		22	60	38
Hard Rock		60	150	90
Dry Hole				

8. WELL CONSTRUCTION
 Depth Drilled 150 Feet Depth Cased 0 Feet

HOLE DIAMETER (BIT SIZE)
 From 6 Inches To 0 Feet 150 Feet
 _____ Inches _____ Feet _____ Feet
 _____ Inches _____ Feet _____ Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
		<u>6</u>		

Perforations:
 Type perforation a
 Size perforation _____
 From _____ feet to _____ feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet

Surface Seal: Yes No Seal Type: Cement Grout
 Depth of Seal _____
 Placement Method: Pumped Concrete Grout
 Poured

Gravel Packed: Yes No
 From _____ feet to _____ feet

9. WATER LEVEL
 Static water level: 6 feet below land surface
 Artesian flow _____ G.P.M. _____ P.S.I.
 Water temperature _____ °F Quality _____

Date started 12-30-95, 19____
 Date completed 12-31-95, 19____

7. WELL TEST DATA

TEST METHOD: Bailer Pump Air Lift

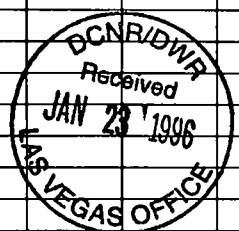
G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
	<u>0</u>	

10. DRILLER'S CERTIFICATION
 This well was drilled under my supervision and the report is true to the best of my knowledge.

Name Davis Drilling Contractor
 Address P.O. Box 54 Hiko Nev. 89017 Contractor

Nevada contractor's license number issued by the State Contractor's Board 0028966
 Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1191

Signed Mark D. Davis
 By driller performing actual drilling on site or contractor
 Date 1-21-96



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 Log No. 33014
 Permit No. 1184
 Basin

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WELL DRILLER'S REPORT

Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

NOTICE OF INTENT NO. 33035

1. OWNER Gene Decler ADDRESS AT WELL LOCATION North Spring Valley
 MAILING ADDRESS HCR 33 Box 33960
Ely, NV 89301

2. LOCATION NW 1/4 NW 1/4 Sec. 19 T 17 N8R 67 E White Pine County

PERMIT NO. Issued by Water Resources Parcel No. Subdivision Name

3. WORK PERFORMED New Well Replace Recondition Deepen Abandon Other

4. PROPOSED USE Domestic Municipal/Industrial Irrigation Monitor Test Stock

5. WELL TYPE Cable Rotary RVC Air Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Quartz cobbles		0	15	15
Clay & Quartz Gravel		15	25	10
Quartz sand & Gravel	x	25	90	65
Clay & Quartz Gravel		90	95	5
Quartz Sand & Gravel	x	95	100	5
Clay & Quartz Gravel		100	110	10
Quartz Sand & Gravel	x	110	125	15

8. WELL CONSTRUCTION
 Depth Drilled 125 Feet Depth Cased 125 Feet

HOLE DIAMETER (BIT SIZE)
 From 10 Inches To 0 Feet 125 Feet
 Inches Feet Feet
 Inches Feet Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
6 5/8	12.92	.188	0	125

Perforations:
 Type perforation Factory
 Size perforation 1/8" x 2 1/2" 6 rows
 From 65 feet to 125 feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet

Surface Seal: Yes No Seal Type: Neat Cement Cement Grout Concrete Grout
 Depth of Seal 50 ft
 Placement Method: Pumped Poured

Gravel Packed: Yes No
 From 50 feet to 125 feet

9. WATER LEVEL
 Static water level 21 feet below land surface
 Artesian flow _____ G.P.M. _____ P.S.I.
 Water temperature Cold °F Quality GOOD

Date started May 22, 1996
 Date completed June 3, 1996

7. WELL TEST DATA

TEST METHOD: <input type="checkbox"/> Bailer <input type="checkbox"/> Pump <input checked="" type="checkbox"/> Air Lift			
G.P.M.	Draw Down (Feet Below Static)	Time (Hours)	
250	99	1	

10. DRILLER'S CERTIFICATION
 This well was drilled under my supervision and the report is true to the best of my knowledge.
 Name Christiansen Drilling, Inc Contractor
 Address 557 Ely Avenue Contractor
Ely, NV 89301
 Nevada contractor's license number issued by the State Contractor's Board 14790
 Nevada driller's license number issued by the Division of Water Resources, the on-site driller 641
 Signed Arnold D. Christiansen
 By driller performing actual drilling on site or contractor
 Date June 5, 1996

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WELL DRILLER'S REPORT

Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

NOTICE OF INTENT NO. 21024
Shoshone, NV.

1. OWNER Huntsman Ranch LLC ADDRESS AT WELL LOCATION Shoshone, NV.
 MAILING ADDRESS Box 189
Enterprise UT 84725

2. LOCATION NE 1/4 NE 1/4 Sec. 13 T. 12 N/R. 67 E White Pine County
 PERMIT NO. 1882763531 Issued by Water Resources Parcel No. Subdivision Name

3. WORK PERFORMED
 New Well Replace Recondition
 Deepen Abandon Other

4. PROPOSED USE
 Domestic Irrigation Test
 Municipal/Industrial Monitor Stock

5. WELL TYPE
 Cable Rotary RVC
 Air Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness ft
		0	8	8
Sand gravel rocks		8	27	19
Clay rocks		27	44	17
gravel rocks		44	59	15
Clay sand		59	81	22
gravel rocks	X	81	87	6
Clay gravel rocks		87	92	5
gravel rocks	X	92	110	8
Clay rocks		110	113	3
gravel rocks	X	113	135	22
Clay gravel		135	138	3
gravel rocks	X	138	145	7
Clay rocks		145	154	9
gravel rocks	X	154	163	9
Clay gravel		163	185	22
gravel rocks	X	185	194	9
Clay		194	196	2
gravel rocks	X	196	235	39
Clay sand		235	241	6
gravel rocks	X	241	269	28
gravel sand rocks	X	269	299	30
Clay sand		299	307	8

8. WELL CONSTRUCTION
 Depth Drilled 307 Feet Depth Cased 307 Feet

HOLE DIAMETER (BIT SIZE)
 From To
24 Inches 0 Feet 307 Feet
 _____ Inches _____ Feet _____ Feet
 _____ Inches _____ Feet _____ Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
16"	42	.250	0	307

Perforations:
 Type perforation mill
 Size perforation 5/32 x 2 1/2 16 rows
 From 80 feet to 307 feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet

Surface Seal: Yes No Seal Type:
 Neat Cement
 Cement Grout
 Concrete Grout
 Depth of Seal 50
 Placement Method: Pumped Poured
 Gravel Packed: Yes No
 From 50 feet to 307 feet

9. WATER LEVEL
 Static water level 36 feet below land surface
 Artesian flow NA G.P.M. _____ P.S.I. _____
 Water temperature cold °F Quality good

10. DRILLER'S CERTIFICATION
 This well was drilled under my supervision and the report is true to the best of my knowledge.
 Name Gardner Drilling Contractor
 Address Box 610 Contractor
Enterprise UT 84725
 Nevada contractor's license number issued by the State Contractor's Board 0031959
 Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1710
 Signed Dale Gardner
 By driller performing actual drilling on site or contractor
 Date July 19 1999

Date started July 21 1999
 Date completed July 14 1999

7. WELL TEST DATA

TEST METHOD: Bailer Pump Air Lift

Line shaft	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
	<u>1300</u>	<u>194'</u>	<u>12 hr</u>

OFFICE USE ONLY
Log No. 76378
Permit No. 184
Basin.....
NOTICE OF INTENT NO. 39999

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WELL DRILLER'S REPORT

Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

1. OWNER Pat Fillman ADDRESS AT WELL LOCATION Sacramento Pass
MAILING ADDRESS 1780 East Aultman (46 miles east of Ely)
Ely, Nevada 89301

2. LOCATION NW 1/4 SE 1/4 Sec 17 T. 15 N. R. 68 E. White Pine County
PERMIT NO. R-347 Issued by Water Resources A.P.N. 12-740-01 Parcel No. Subdivision Name

3. WORK PERFORMED
 New Well Replace Recondition
 Deepen Abandon Other.....

4. PROPOSED USE
 Domestic Irrigation Test
 Municipal/Industrial Monitor Stock

5. WELL TYPE
 Cable Rotary RVC
 Air Other.....

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Cemented Gravel & Boulders		0	30	30
Clay & Gravel		30	50	20
Gravel		50	60	10
Clay Sand & Gravel		60	70	10
Clay & Large Gravel	x	70	80	10
Clay & Gravel		80	110	30
Cemented Gravel & Boulders		110	120	10
Clay Sand & Gravel		120	150	30
Clay & Large Gravel		150	160	10
Clay		160	168	8

8. WELL CONSTRUCTION
Depth Drilled 168 Feet Depth Cased 168 Feet

HOLE DIAMETER (BIT SIZE)
From To
10 Inches 0 Feet 168 Feet
Inches Feet Feet
Inches Feet Feet

8. CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
6 5/8	12.92	.188	0	168

Perforations: Factory
Type perforation 1/8" x 2 1/2" 6 rows
Size perforation
From 87 feet to 168 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Surface Seal: Yes No Seal Type:
Depth of Seal 50 waiver No. R-347 Neat Cement
Placement Method: Pumped Cement Grout
 Poured Concrete Grout

Gravel Packed: Yes No
From 50 feet to 168 feet

9. WATER LEVEL
Static water level 24 feet below land surface
Artesian flow G.P.M. P.S.I.
Water temperature cold °F Quality good

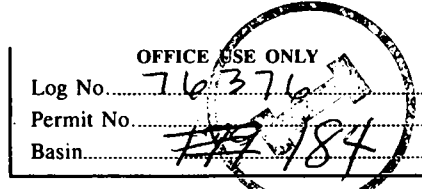
10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name Christiansen Drilling, Inc. Contractor
Address 557 Ely Avenue Contractor
Ely, NV 89301 Contractor
Nevada contractor's license number 14790
issued by the State Contractor's Board.
Nevada driller's license number issued by the 641
Division of Water Resources, the on-site driller.
Signed Jerald D. Christiansen
By driller performing actual drilling on site or contractor
Date July 21, 1999

Date started May 29, 1999
Date completed June 29, 1999

7. WELL TEST DATA

TEST METHOD: <input type="checkbox"/> Bailer <input type="checkbox"/> Pump <input checked="" type="checkbox"/> Air Lift			
G.P.M.	Draw Down (Feet Below Static)	Time (Hours)	
<u>9</u>	<u>136</u>	<u>2</u>	

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WELL DRILLER'S REPORT

Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

NOTICE OF INTENT NO. 40001

1. OWNER Paul Fava ADDRESS AT WELL LOCATION Sacramento Pass
MAILING ADDRESS 980 El Camio (46 Miles East of Ely)
Boulder City, NV 89005

2. LOCATION SE 1/4 SE 1/4 Sec 17 T. 15 N 8 R. 68 E White Pine County
PERMIT NO. A.P.N. 12-740-02 Issued by Water Resources Parcel No. Subdivision Name

3. WORK PERFORMED
 New Well Replace Recondition
 Deepen Abandon Other

4. PROPOSED USE
 Domestic Irrigation Test
 Municipal/Industrial Monitor Stock

5. WELL TYPE
 Cable Rotary RVC
 Air Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Alluvial fill & Boulders		0	20	20
Clay & Gravel		20	40	20
Cemented Gravels		40	70	30
Fractured Limestone		70	100	30
Void		100	108	8
Limestone		108	160	52
Oxidized Fractured Limestone		160	170	10
Limestone		170	210	40
Fractured Limestone	x	210	215	5
Limestone		215	230	15
Fractured Limestone	x	230	235	5
Limestone		235	265	30

8. WELL CONSTRUCTION
Depth Drilled 265 Feet Depth Cased 265 Feet

HOLE DIAMETER (BIT SIZE)
From 10 Inches To 0 Feet 265 Feet
Inches Feet Feet
Inches Feet Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
6 5/8	12.92	.188	0	265

Perforations:
Type perforation Factory
Size perforation 1/8" x 2 1/2" 6 rows
From 201 feet to 265 feet
From feet to feet
From feet to feet
From feet to feet

Surface Seal: Yes No Seal Type:
Depth of Seal 50 ft. Neat Cement
Placement Method: Pumped Cement Grout
 Poured Concrete Grout

Gravel Packed: Yes No
From 50 feet to 265 feet

9. WATER LEVEL
Static water level 167 feet below land surface
Artesian flow cold G.P.M. P.S.I.
Water temperature good °F Quality

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name Christiansen Drilling, Inc. Contractor
Address 557 Ely Avenue Contractor
Ely, Nevada 89301
Nevada contractor's license number 14790 issued by the State Contractor's Board.
Nevada driller's license number issued by the 1793 Division of Water Resources, the on-site driller.
Signed Rich Lewis By Jerold D. Christiansen
By driller performing actual drilling on site or contractor
Date July 21, 1999

Date started May 28, 1999
Date completed June 29, 1999

7. WELL TEST DATA

TEST METHOD:	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<input type="checkbox"/> Bailer <input type="checkbox"/> Pump <input checked="" type="checkbox"/> Air Lift	<u>30</u>	<u>93</u>	<u>1 1/2</u>

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STATE ENGINEERS OFFICE

Log No. 78163
 Permit No. 25524
 Basin 78

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WELL DRILLER'S REPORT

Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

NOTICE OF INTENT NO. 40004

1. OWNER John Cayias ADDRESS AT WELL LOCATION 35 Miles East of Ely,
 MAILING ADDRESS 15 Vista Cliff Place Highway 6 & 50
Richardson, Texas 75080

2. LOCATION SE 1/4 SE 1/4 Sec 16 T 14 N & R 67 E White Pine County
 PERMIT NO. 25524 Issued by Water Resources Parcel No. Subdivision Name

3. WORK PERFORMED
 New Well Replace Recondition
 Deepen Abandon Other

4. PROPOSED USE
 Domestic Municipal/Industrial Irrigation Test
 Monitor Stock

5. WELL TYPE
 Cable Rotary RVC
 Air Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Abandonment procedure				
189 bags swell plug course		20	175	155
Concrete grout - 1 yd.		0	20	20
Copy of original log attached				

8. WELL CONSTRUCTION

Depth Drilled.....Feet Depth Cased.....Feet

HOLE DIAMETER (BIT SIZE)

Inches	Feet	Feet
From	To	
.....
.....
.....

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
14	36.71	.250	0	200

Perforations:
 Type perforation Torch
 Size perforation 6 rows 12" long x 3/8" wide
 From 50 feet to 190 feet

Surface Seal: Yes No Seal Type:
 Neat Cement
 Cement Grout
 Concrete Grout

Depth of Seal.....
 Placement Method: Pumped Poured

Gravel Packed: Yes No
 From.....feet to.....feet

9. WATER LEVEL

Static water level 43 feet below land surface
 Artesian flow.....G.P.M. P.S.I.
 Water temperature.....°F Quality.....

10. DRILLER'S CERTIFICATION

This well was drilled under my supervision and the report is true to the best of my knowledge.

Name Christiansen Drilling, Inc. Contractor
 Address 557 Ely Avenue Contractor
Ely, NV 89301
 Nevada contractor's license number 14790
 issued by the State Contractor's Board.
 Nevada driller's license number issued by the 641
 Division of Water Resources, the on-site driller.
 Signed Jerald D. Christiansen
 By driller performing actual drilling on site or contractor
 Date September 30, 1999

7. WELL TEST DATA

TEST METHOD:	TEST METHOD: <input type="checkbox"/> Bailer <input type="checkbox"/> Pump <input type="checkbox"/> Air Lift		
	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)

OFFICE USE ONLY
Log No. 81770
Permit No.
Basin.

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WELL DRILLER'S REPORT

Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

NOTICE OF INTENT NO. 40015
Sacramento Pass

1. OWNER Wes McNutt
MAILING ADDRESS 1295 Avenue K
Ely, Nevada

ADDRESS AT WELL LOCATION (46 Miles East of Ely)

2. LOCATION NE 1/4 SE 1/4 Sec. 17 T. 15 N. R. 68 E White Pine County
PERMIT NO R-374 (Copy Attached) APN 12-740-03
Issued by Water Resources Parcel No. Subdivision Name

3. WORK PERFORMED
 New Well Replace Recondition
 Deepen Abandon Other
4. PROPOSED USE
 Domestic Irrigation Test
 Municipal/Industrial Monitor Stock
5. WELL TYPE
 Cable Rotary RVC
 Air Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Top Soil		0	10	10
Cemented Calitche & Gravel		10	85	75
Void	X	85	90	5
Red Fault Gouge		90	100	10
White Quartzite		100	123	23

8. WELL CONSTRUCTION
Depth Drilled 123 Feet Depth Cased 123 Feet
HOLE DIAMETER (BIT SIZE)
From 10 Inches To 0 Feet 123 Feet
Inches Feet Feet
Inches Feet Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
6-5/8	12.92	.188	0	123

Perforations: Factory
Type perforation
Size perforation 1 7/8" x 2 1/2" 6 Rows
From 82 feet to 123 feet
From feet to feet
From feet to feet
From feet to feet

Surface Seal: Yes No Seal Type:
Depth of Seal 82 Waiver No. R-374 Neat Cement
Placement Method: Pumped Cement Grout
 Poured Concrete Grout
Gravel Packed: Yes No
From 82 feet to 123 feet

9. WATER LEVEL
Static water level 39 feet below land surface
Artesian flow _____ G.P.M. _____ P.S.I.
Water temperature Cold °F Quality Good

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.

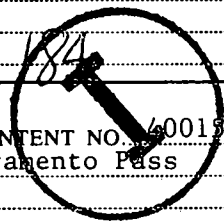
Name Christiansen Drilling, Inc. Contractor
Address 557 Ely Avenue
Ely, Nevada 89301 Contractor
Nevada contractor's license number 14790
issued by the State Contractor's Board
Nevada driller's license number issued by the 1793
Division of Water Resources, the on-site driller
Signed Rich Lewis By Jerald D. Christiansen
By driller performing actual drilling on site or contractor
Date September 7, 2000

Date started August 21 2000
Date completed September 7 2000

7. WELL TEST DATA

TEST METHOD:	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<input type="checkbox"/> Bailer <input type="checkbox"/> Pump <input type="checkbox"/> Air Lift	<u>50</u>	<u>40</u>	<u>1</u>

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Log No. 84065
Permit No. _____
Basin 184

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WELL DRILLER'S REPORT
Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

MW-1
NOTICE OF INTENT NO. 21065

1. OWNER URS Corporation ADDRESS AT WELL LOCATION Meadow Valley
MAILING ADDRESS 7115 Amigo St. Ste #110 North of Glendale, NV
Las Vegas, NV 89119

2. LOCATION NW 1/4 NW 1/4 Sec. 12 T. 12 N. R. 65 E. Lincoln County
PERMIT NO. W-2102 08-23 H/A 01 N/A
Issued by Water Resources Parcel No. Subdivision Name

3. WORK PERFORMED
 New Well Replace Recondition
 Deepen Abandon Other

4. PROPOSED USE
 Domestic Irrigation Test
 Municipal/Industrial Monitor Stock

5. WELL TYPE
 Cable Rotary RVC
 Air Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Sand, gravel, Cobbles		0	20	20
" " & clay	X	20	220	200
Clay, some sand, gravel		220	360	140
sand, gavel some clay	X	360	400	40
Gravel and Clay		400	440	140
Clay some gravel		440	560	120
Claystone		560	800	240
Sandy gravel & claystone	X	800	830	30
Sand, gravel, cobbles	X	830	870	40
Siltstone		870	910	40
Gravel, sand, clay		910	960	50
Claystone, sand, gravel		960	1000	40
Sand, gravel, some clay		1000	1030	30
Sand, gravel, limestone	X	1030	1140	110
Clay, gravel, sand		1140	1220	80
Silt, clay, sand, gravel		1220	1310	90
Cobbles, gravel, sand		1310	1340	30
Claystone and Sand		1340	1380	40
Siltstone, clay, sand, gravel		1380	1450	70
Clay, sand and gravel		1450	1610	160
Siltstone		1610	1690	80
Gravel and Sand	X	1690	1720	30
Limestone	X	1720	1760	40
Siltstone		1760	1860	100
Sandy Claystone		1860	2100	240
Gravel, sand, clay		2100	2160	60
gravel, cobbles, sand	X	2160	2180	20
Sandy claystone		2180	2380	200

8. WELL CONSTRUCTION
Depth Drilled _____ Feet Depth Cased _____ Feet

HOLE DIAMETER (BIT SIZE)
From _____ To _____
19 Inches 0 Feet 38 Feet
12 1/4 Inches 38 Feet 2380 Feet
_____ Inches _____ Feet _____ Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
14	sch 40	.250	+3	38
2 7/8	sch 40	.375	+2	144
2 7/8	sch 40	.375	+2	369
2 7/8	sch 40	.375	+2	829

Perforations:
Type perforation slot
Size perforation 1/8"
From 144 feet to 200 feet
From 369 feet to 420 feet
From 829 feet to 897 feet
From _____ feet to _____ feet
From _____ feet to _____ feet

Surface Seal: Yes No Seal Type:
Depth of Seal 83 Neat Cement
Placement Method: Pumped Cement Grout
 Poured Concrete Grout

Gravel Packed: Yes No
From 126'-345'-795' feet to 212'-431'-902' feet

9. WATER LEVEL
Static water level 42, 43, 54 feet below land surface
Artesian flow N/A G.P.M. N/A P.S.I.
Water temperature _____ °F Quality _____

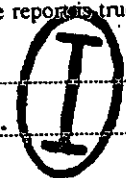
10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the reports true to the best of my knowledge.
Name Lang Exploratory Drilling
Address 2745 W. California Ave.
Salt Lake City, UT 84104
Nevada contractor's license number issued by the State Contractor's Board 0021976
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1959
Signed Mark Foster
By driller performing actual drilling on site or contractor
Date 8/3/01

Date started June 19, 2001
Date completed July 8, 2001

7. WELL TEST DATA

TEST METHOD: Bailer Pump Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
5	15	3



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WELL DRILLER'S REPORT

Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

well #3
NOTICE OF INTENT NO. 20959

1. OWNER URS Corporation ADDRESS AT WELL LOCATION Meadow Valley North of Glendale, NV
MAILING ADDRESS 7115 Amigo St. Ste. #110 Las Vegas, NV 89119

2. LOCATION NW 1/4 NW 1/4 Sec. 12 T 12 N/R 65 E Lincoln County
PERMIT NO. W-2102 766971 Parcel No. 08-231-01 N/A Subdivision Name

3. WORK PERFORMED
 New Well Replace Recondition
 Deepen Abandon Other

4. PROPOSED USE
 Domestic Irrigation Test
 Municipal/Industrial Monitor Stock

5. WELL TYPE
 Cable Rotary RVC
 Air Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Sand, gravel, cobbles		0	20	20
clay, sand, gravel, cobbles	X	20	220	200
Clay, some sand, gravel		220	245	25

8. WELL CONSTRUCTION
Depth Drilled _____ Feet Depth Cased _____ Feet

HOLE DIAMETER (BIT SIZE)
From _____ To _____
25 Inches 0 Feet 54 Feet
19 Inches 54 Feet 245 Feet
Inches _____ Feet _____ Feet

CASING SCHEDULE


Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
20	sch 40	.250	0	54
14	sch 40	.250	+3	96.5
14	sch 40	.250	222	237

Perforations:
Type perforation Louvered
Size perforation .08
From 96.5 feet to 222 feet
From _____ feet to _____ feet
From _____ feet to _____ feet
From _____ feet to _____ feet
From _____ feet to _____ feet

Surface Seal: Yes No Seal Type: Neat Cement
Depth of Seal 68 Cement Grout
Placement Method: Pumped Concrete Grout
 Poured

Gravel Packed: Yes No
From 78 feet to 233 feet

9. WATER LEVEL
Static water level 42 feet below land surface
Artesian flow N/A G.P.M. N/A P.S.I.
Water temperature _____ °F Quality _____

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge. 

Name Lang Exploratory Drilling
Address 2745 W. California Av. Salt Lake City, UT 84104

Nevada contractor's license number 0021976
issued by the State Contractor's Board

Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1959

Signed Mark Foster
By driller performing actual drilling on site or contractor

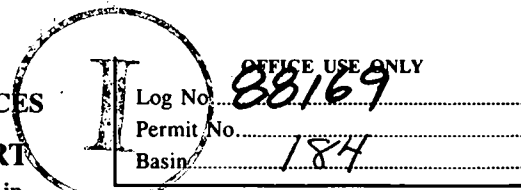
Date 8/3/01

Date started July 8, 2001, 19____
Date completed July 11, 2001, 19____

7. WELL TEST DATA

TEST METHOD: Bailer Pump Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<u>350</u>	<u>20</u>	<u>3</u>



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WELL DRILLER'S REPORT

Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

NOTICE OF INTENT NO. 45805

1. OWNER Nevada Land & Resource Co., LLC ADDRESS AT WELL LOCATION Formerly B.H. Robison
 MAILING ADDRESS 704 W. Nye Lane, Suite 201 Home Ranch, N. Spring Valley
 Carson City, Nevada 89703

2. LOCATION NE 1/4 NW 1/4 Sec. 14 T. 19 N. R. 66 E White Pine County
 PERMIT NO. APN10-130-02
Issued by Water Resources Parcel No. Subdivision Name

3. WORK PERFORMED
 New Well Replace Recondition
 Deepen Abandon Other.....

4. PROPOSED USE
 Domestic Irrigation Test
 Municipal/Industrial Monitor Stock

5. WELL TYPE
 Cable Rotary RVC
 Air Other.....

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Top Soil		0	3	3
Hard Pan		3	5	2
Sand & Gravel		5	20	15
Brown Clay & Gravel		20	50	30
Sand & Gravel		50	55	5
Brown Clay & Gravel		55	70	15
White Clay		70	75	5
Clay & Course Gravel		75	100	25
Clay		100	120	20
Course Gravel With Clay Stringers		120	130	10
Clay & Gravel		130	150	20
Sand & Gravel	X	150	160	10
Clay & Gravel		160	210	50
Course Gravel With Clay Stringers		210	225	15
Sticky Blue Clay		225	254	29

8. WELL CONSTRUCTION
 Depth Drilled 254 Feet Depth Cased 254 Feet

HOLE DIAMETER (BIT SIZE)
 From 12 1/2 Inches 0 Feet To 254 Feet
 Inches Feet Feet
 Inches Feet Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
6-5/8	12.92	.188	0	254

Perforations: Factory
 Type perforation 1/8" X 2" 6 Rows
 Size perforation 1/8" X 2" 6 Rows
 From 129 feet to 234 feet
 From feet to feet
 From feet to feet
 From feet to feet
 From feet to feet

Surface Seal: Yes No Seal Type:
 Neat Cement
 Cement Grout
 Concrete Grout

Depth of Seal 100 Feet
 Placement Method: Pumped
 Poured

Gravel Packed: Yes No
 From 100 feet to 254 feet

9. WATER LEVEL
 Static water level 39 feet below land surface
 Artesian flow G.P.M. P.S.I.
 Water temperature 58 °F Quality Good

10. DRILLER'S CERTIFICATION
 This well was drilled under my supervision and the report is true to the best of my knowledge.

Name Christiansen Drilling, Inc. Contractor
 Address 557 Ely Avenue Contractor
 Ely, Nevada 89301

Nevada contractor's license number issued by the State Contractor's Board 14790
 Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1793

Signed Rich Lewis By Jacob D. Christiansen
 By driller performing actual drilling on site or contractor
 Date October 18, 2002

Date started September 19, 2002
 Date completed October 3, 2002

7. WELL TEST DATA

TEST METHOD: Bailer Pump Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
75	211	2 1/2

Log No. 92434
Permit No.
Basin 184

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WELL DRILLER'S REPORT
Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

NOTICE OF INTENT NO. 24996

1. OWNER Kendle Bowler ADDRESS AT WELL LOCATION Spring Valley, Nev.
MAILING ADDRESS PO Box 10848
Elm, N.A. 89301
2. LOCATION SE 1/4 NE 1/4 Sec. 34 T. 13 N. S. R. 67 E White Pine County
PERMIT NO. 12-330-03 Issued by Water Resources Parcel No. Subdivision Name

3. WORK PERFORMED: New Well Replace Recondition Deepen Abandon Other
4. PROPOSED USE: Domestic Irrigation Test Municipal/Industrial Monitor Stock
5. WELL TYPE: Cable Rotary RVC Air Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Sand, clay		0	3	3
Clay		3	155	152
sandy clay		155	690	535
sand, silt	X	690	885	195

DATE DRILLED 11/10/03
BY [signature]

8. WELL CONSTRUCTION
Depth Drilled 885 Feet Depth Cased 885 Feet
HOLE DIAMETER (BIT SIZE)
From 24 Inches To 0 Feet 885 Feet
CASING SCHEDULE
Size O.D. (Inches) Weight/Ft. (Pounds) Wall Thickness (Inches) From (Feet) To (Feet)
16 52.4 .312 +2 885
Perforations:
Type perforation Factory milled
Size perforation 3/16 x 2 1/2
From 405 feet to 885 feet
Surface Seal: Yes No Seal Type: Neat Cement
Depth of Seal 50 Cement Grout
Placement Method: Pumped Poured Concrete Grout
Gravel Packed: Yes No
From 50 feet to 885 feet
9. WATER LEVEL
Static water level +4 feet below land surface
Artesian flow 30 G.P.M. 10 P.S.I.
Water temperature 38 °F Quality Good

Date started June 30, 2003
Date completed Dec 15, 2003

7. WELL TEST DATA

TEST METHOD:	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<input type="checkbox"/> Bailer <input checked="" type="checkbox"/> Pump <input checked="" type="checkbox"/> Air Lift			
<u>Air Lift</u>	<u>600</u>		<u>10 hrs</u>
<u>Pump</u>	<u>2,000</u>	<u>460'</u>	<u>50 hrs</u>

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name Great Basin Drilling Contractor
Address PO Box 4220 Contractor
Pahrump, Nev. 89041
Nevada contractor's license number issued by the State Contractor's Board 047333
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 2238
Signed Bryan Anzabre
By driller performing actual drilling on site or contractor
Date Jan. 10, 2004

STATE OF NEVADA
 DIVISION OF WATER RESOURCES
WELL DRILLER'S REPORT

OFFICE USE ONLY
 Log No. 94786
 Permit No. _____
 Basin 18A

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Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

NOTICE OF INTENT NO. 51386
North Spring Valley Ranch

1. OWNER Beverly Bender
 MAILING ADDRESS HCR/P.O. Box 33965
Ely, Nevada 89301
 ADDRESS AT WELL LOCATION North Spring Valley Ranch

2. LOCATION NW 1/4 SW 1/4 Sec. 30 T. 17 N. 67 E. White Pine County
 PERMIT NO. APN 010-380-16
 Issued by Water Resources Parcel No. Subdivision Name

3. WORK PERFORMED
 New Well Replace Recondition
 Deepen Abandon Other

4. PROPOSED USE
 Domestic Irrigation Test
 Municipal/Industrial Monitor Stock

5. WELL TYPE
 Cable Rotary RVC
 Air Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Top Soil		0	3	3
Brown Clay		3	5	2
Blue Clay		5	19	14
Water Bearing Sand	X	19	23	4
Brown Clay & Sand		23	27	4
Boulders		27	35	8
Sand & Small Gravel		35	45	10
Boulders		45	50	5
Dark Brown Sediments & Clay			60	10
Cemented Sand & Gravel		60	73	13
Quartz Boulders		73	85	12
Sand & Gravel with Clay Stringers		85	91	6
Quartz Boulders		91	94	3
Water Bearing Sand & Gravel	X	94	107	13
Boulders		107	114	7
Gravel & Clay		114	120	6

8. WELL CONSTRUCTION
 Depth Drilled 120 Feet Depth Cased 120 Feet

HOLE DIAMETER (BIT SIZE)
 From 11 Inches To 0 Feet 120 Feet
 _____ Inches _____ Feet _____ Feet
 _____ Inches _____ Feet _____ Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
6-5/8	12.92	.188	0	120

Perforations: Factory
 Type perforation _____
 Size perforation 1 7/8" X 2 1/2" 6 Rows
 From 60 feet to 120 feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet

Surface Seal: Yes No Seal Type:
 Depth of Seal 50 Neat Cement
 Placement Method: Pumped Cement Grout
 Poured Concrete Grout

Gravel Packed: Yes No
 From 50 feet to 120 feet

9. WATER LEVEL
 Static water level Flowing feet below land surface
 Artesian flow 5 G.P.M. _____ P.S.I.
 Water temperature Cold °F Quality Good

10. DRILLER'S CERTIFICATION
 This well was drilled under my supervision and the report is true to the best of my knowledge.

Date started May 24 2004
 Date completed June 21 2004

7. WELL TEST DATA

TEST METHOD: Bailer Pump Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
35	110	2

Name Christiansen Drilling, Inc. Contractor
 Address 557 Ely Avenue Contractor
Ely, Nevada 89301
 Nevada contractor's license number 14790
 issued by the State Contractor's Board
 Nevada driller's license number issued by the 1793
 Division of Water Resources, the on-site driller
 Signed Rich Lewis By Harold D. Christiansen
 By driller performing actual drilling on site or contractor
 Date July 13, 2004

RECEIVED
 01 JUL 19 PM 2:47
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STATE OF NEVADA
DIVISION OF WATER RESOURCES
WELL DRILLER'S REPORT

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Log No. 94787
Permit No.
Basin. 184

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Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.

51386 AD CA P SA +
NOTICE OF INTENT NO. RC 8-12-04
North Spring Valley

1. OWNER Beverly Bender ADDRESS AT WELL LOCATION North Spring Valley Ranch
MAILING ADDRESS HCR/P.O. Box 33965
Ely, Nevada 89301
2. LOCATION NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec 30 T 17 N $\frac{1}{4}$ R 67 E White Pine County
PERMIT NO. APN 010-380-16 Parcel No. Subdivision Name

3. WORK PERFORMED
 New Well Replace Recondition
 Deepen Abandon Other

4. PROPOSED USE
 Domestic Irrigation Test
 Municipal/Industrial Monitor Stock

5. WELL TYPE
 Cable Rotary RVC
 Air Other Hand Auger

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness				
This well was hand augered by previous owners (time frame unknown), sometime afterwards house was added on covering well. Well is now located next to kitchen stove at floor level.								
Well was abandoned by packing 5 gal. buckets of Neat Cement into house & pouring down well. Approximately 30 gals. of Grout was needed to plug well.								
RECEIVED 04 JUL 19 AM 2:47 STATE ENGINEERS OFFICE								

8. WELL CONSTRUCTION
Depth Drilled 25 Feet Depth Cased Unknown Feet

HOLE DIAMETER (BIT SIZE)

From	To
<u>Unknown</u> Inches	Feet
Feet	Feet
Inches	Feet
Inches	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>6-5/8"</u>			<u>Unknown</u>	

Perforations:
Type perforation Unknown
Size perforation

From	To

Surface Seal: Yes No Seal Type:
 Neat Cement
 Cement Grout
 Concrete Grout

Placement Method: Pumped Poured

Gravel Packed: Yes No Unknown
From feet to feet

9. WATER LEVEL
Static water level 7 feet below land surface
Artesian flow G.P.M. P.S.I.
Water temperature °F Quality Oil Contaminated

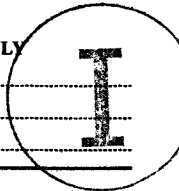
10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name Christiansen Drilling, Inc. Contractor
Address 557 Ely Avenue
Ely, Nevada 89301 Contractor
Nevada contractor's license number issued by the State Contractor's Board 14790
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1793
Signed Richard D. Christiansen
By driller performing actual drilling on site or contractor
Date July 13, 2004

Date started June 27, 2004
Date completed June 27, 2004

7. WELL TEST DATA

TEST METHOD:	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<input type="checkbox"/> Bailer <input type="checkbox"/> Pump <input type="checkbox"/> Air Lift			
<u>N/A</u>			

Log No. 98402
Permit No. _____
Basin 184



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WELL DRILLER'S REPORT

Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

NOTICE OF INTENT NO. 51404

1. OWNER John & Julie Gianoli
MAILING ADDRESS 1180 So. Bell Avenue
S.W. Ely, Nevada 89301
ADDRESS AT WELL LOCATION 1 Mile North of
Sacramento Pass
2. LOCATION SE 1/4 NE 1/4 Sec. 21 T. 15 N. R. 68 E. White Pine County
PERMIT NO. 72643 NE 4 B APN 12-070-07 The Meadows
Issued by Water Resources Parcel No. Subdivision Name

3. WORK PERFORMED
 New Well Replace Recondition
 Deepen Abandon Other _____
4. PROPOSED USE
 Domestic Irrigation Test
 Municipal/Industrial Monitor Stock
5. WELL TYPE
 Cable Rotary RVC
 Air Other _____

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Top Soil		0	2	2
Sand & Boulders		2	13	11
Altered Limestone		13	55	42
Quartz & Limestone		55	65	10
Altered Limestone		65	98	33
Fractured Limestone	X	98	105	7
Altered Limestone		105	142	37
Fractured Limestone	X	142	146	4
Fractured Limestone & some clay			151	5
Altered Limestone		151	172	21
Fractured Limestone	X	172	176	4
Altered Limestone		176	203	27

8. WELL CONSTRUCTION
Depth Drilled 203 Feet Depth Cased 203 Feet
HOLE DIAMETER (BIT SIZE)
From 10 Inches To 0 Feet 203 Feet
Inches Feet Feet
Inches Feet Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
6-5/8	12.92	.188	0	203

Perforations:
Type perforation Factory
Size perforation 1/8" X 2 1/2" 6 Rows
From 103 feet to 203 feet
From _____ feet to _____ feet
From _____ feet to _____ feet
From _____ feet to _____ feet

Surface Seal: Yes No Seal Type:
Depth of Seal 50 Feet Neat Cement
Placement Method: Pumped Cement Grout
 Poured Concrete Grout
Gravel Packed: Yes No
From 50 feet to 203 feet

9. WATER LEVEL
Static water level 102 feet below land surface
Artesian flow _____ G.P.M. _____ P.S.I.
Water temperature Cold °F Quality Good

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name Christiansen Drilling, Inc. Contractor
Address 557 Ely Avenue Contractor
Ely, Nevada 89301
Nevada contractor's license number issued by the State Contractor's Board. 14790
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1793
Signed Rich Lewis By Joseph D. Christiansen
By driller performing actual drilling on site or contractor
Date November 14, 2005

Date started October 11, 2005
Date completed November 10, 2005

7. WELL TEST DATA

TEST METHOD:	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<input type="checkbox"/> Bailer <input type="checkbox"/> Pump <input checked="" type="checkbox"/> Air Lift	<u>50</u>	<u>98</u>	<u>1</u>

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 Log No. 98709
 Permit No. _____
 Basin 184

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WELL DRILLER'S REPORT

Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

NOTICE OF INTENT NO. 47968

1. OWNER US Geological Survey - WRD ADDRESS AT WELL LOCATION GPS Location
 MAILING ADDRESS 333 W. Nye Lane 384639.6 NAD 83,
Carson City, NV 89706 114 28 01.4 ± 14 feet, Elev 5769 (GPS)

2. LOCATION NE 1/4 NE 1/4 Sec. 32 T. 11 N 67 E White Pine County
 PERMIT NO. m/o 1376 Parcel No. N/A SPVET 01 Well Subdivision Name

3. WORK PERFORMED
 New Well Replace Recondition
 Deepen Abandon Other _____

4. PROPOSED USE
 Domestic Irrigation Test
 Municipal/Industrial Monitor Stock

5. WELL TYPE
 Cable Rotary RVC
 Air Other Auger

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
<u>Surface: Sage and Greasewood</u>				
<u>Tan Silty fine Sand</u>		<u>0</u>	<u>1/2</u>	<u>1/2</u>
<u>White Silt with 1/4-inch Angular gravel</u>		<u>1/2</u>	<u>1 1/2</u>	<u>1</u>
<u>Brown (moist) Coarse #12 Sand and Small 1/4-inch Angular Gravel Chips</u>	<u>7 1/2</u>	<u>1 1/2</u>	<u>14</u>	<u>12 1/2</u>
<u>Brown, Moist #8 Sand</u>		<u>14</u>	<u>17</u>	<u>3</u>
<u>#8 Saturated Sand with minor silt.</u>		<u>17</u>	<u>23</u>	<u>6</u>
<u>Brown Silty Clay</u>		<u>23</u>	<u>25</u>	<u>2</u>

8. WELL CONSTRUCTION
 Depth Drilled 25 Feet Depth Cased 25 Feet

HOLE DIAMETER (BIT SIZE)
 From 6 5/8 Inches To 25 Feet
 _____ Inches _____ Feet _____ Feet
 _____ Inches _____ Feet _____ Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>2-inch PVC</u>	<u>Sch. 40</u>	<u>Flush Threads</u>	<u>0</u>	<u>25</u>

Perforations:
 Type perforation Slot
 Size perforation 0.020 inch
 From _____ feet to _____ feet
 From 15 feet to 25 feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet

Surface Seal: Yes No Seal Type:
 Depth of Seal 0 to 1-foot Neat Cement
 Placement Method: Pumped Cement Grout
 Poured Concrete Grout

Gravel Packed: Yes No #3 Aquarium Sand
 From then Native #8 feet to 11 1/2 to 14 feet
14 to 25' feet

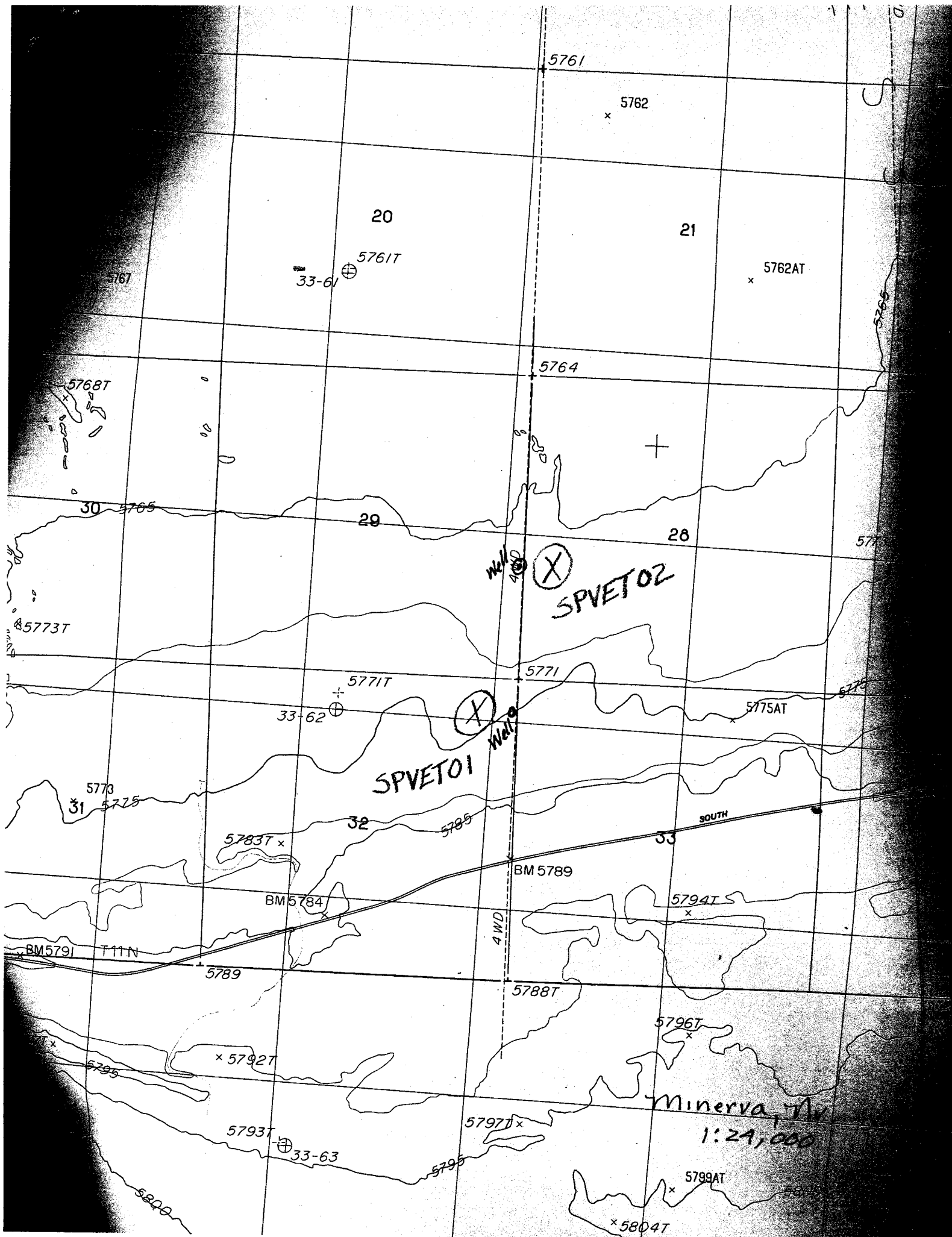
9. WATER LEVEL
 Static water level 9.57 feet below land surface
 Artesian flow NO G.P.M. _____ P.S.I. _____
 Water temperature _____ °F Quality _____

Date started August 23, 2005
 Date completed August 23, 2005

7. WELL TEST DATA

TEST METHOD:	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<input type="checkbox"/> Bailer <input type="checkbox"/> Pump <input type="checkbox"/> Air Lift			

10. DRILLER'S CERTIFICATION
 This well was drilled under my supervision and the report is true to the best of my knowledge.
 Name Robert N. Pennington Contractor
 Address 333 W. Nye Lane Contractor
Carson City, NV 89706
 Nevada contractor's license number issued by the State Contractor's Board _____
 Nevada driller's license number issued by the Division of Water Resources, the on-site driller FP-1857
 Signed R.N. Pennington
 By driller performing actual drilling on site or contractor
 Date 8-29-05



To Maples
place

Hwy
93



Southern Spring Valley

Fence line
Well O X

AND Rd.
X X X

Well O

X

X

X

X

ET
Station
SPVET02

ET
Station
SPVET01

93

To
Minerva

To Atlanta

OFFICE USE ONLY
 Log No. 98708
 Permit No. _____
 Basin 184

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WELL DRILLER'S REPORT

Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

NOTICE OF INTENT NO. 47968

1. OWNER U.S. Geological Survey-WRD ADDRESS AT WELL LOCATION GPS Location:
 MAILING ADDRESS 333 W. Nye Lane 384708.8 NAD 83.
Carson City, NV 89706 114 28 01.3 ± 18 Feet. Elev 5752, GPS
 2. LOCATION NW 1/4 SW 1/4 Sec. 28 T 11 N S R. 67 E White Pine County
 PERMIT NO. m10 1376 Parcel No. N/A Well SPVET02
Issued by Water Resources Subdivision Name

3. WORK PERFORMED
 New Well Replace Recondition
 Deepen Abandon Other _____
 4. PROPOSED USE
 Domestic Irrigation Test
 Municipal/Industrial Monitor Stock
 5. WELL TYPE
 Cable Rotary RVC
 Air Other Auger

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
<u>Surface: Sage, Greasewood + Wing Salt Brush</u>				
<u>Lite Tan Silt Loam</u>		<u>0</u>	<u>2 1/2</u>	<u>2 1/2</u>
<u>Gray, Pea gravelly Sand with minor clay matrix</u>		<u>2 1/2</u>	<u>6</u>	<u>3 1/2</u>
<u>Silty Clay</u>		<u>8</u>	<u>6</u>	<u>10 1/2</u>
<u>Coarse #8 Tan Sand</u>		<u>10 1/2</u>	<u>20</u>	<u>9 1/2</u>

8. WELL CONSTRUCTION
 Depth Drilled 20 Feet Depth Cased 19 Feet
 HOLE DIAMETER (BIT SIZE)
 From 6 5/8 Inches To 0 Feet 20 Feet
 _____ Inches _____ Feet _____ Feet
 _____ Inches _____ Feet _____ Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>2-inch PVC</u>	<u>Sch 40</u>	<u>Flush Threads</u>	<u>0</u>	<u>19</u>

Perforations:
 Type perforation slot 0.020-inch
 Size perforation _____
 From 9 feet to 19 feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet

Surface Seal: Yes No Seal Type:
 Depth of Seal 0 To 1-foot Neat Cement
 Placement Method: Pumped Cement Grout
 Poured Concrete Grout
 Gravel Packed: Yes No #3 Aquarium Sand
then Native #8 Sand 11' to 20' feet

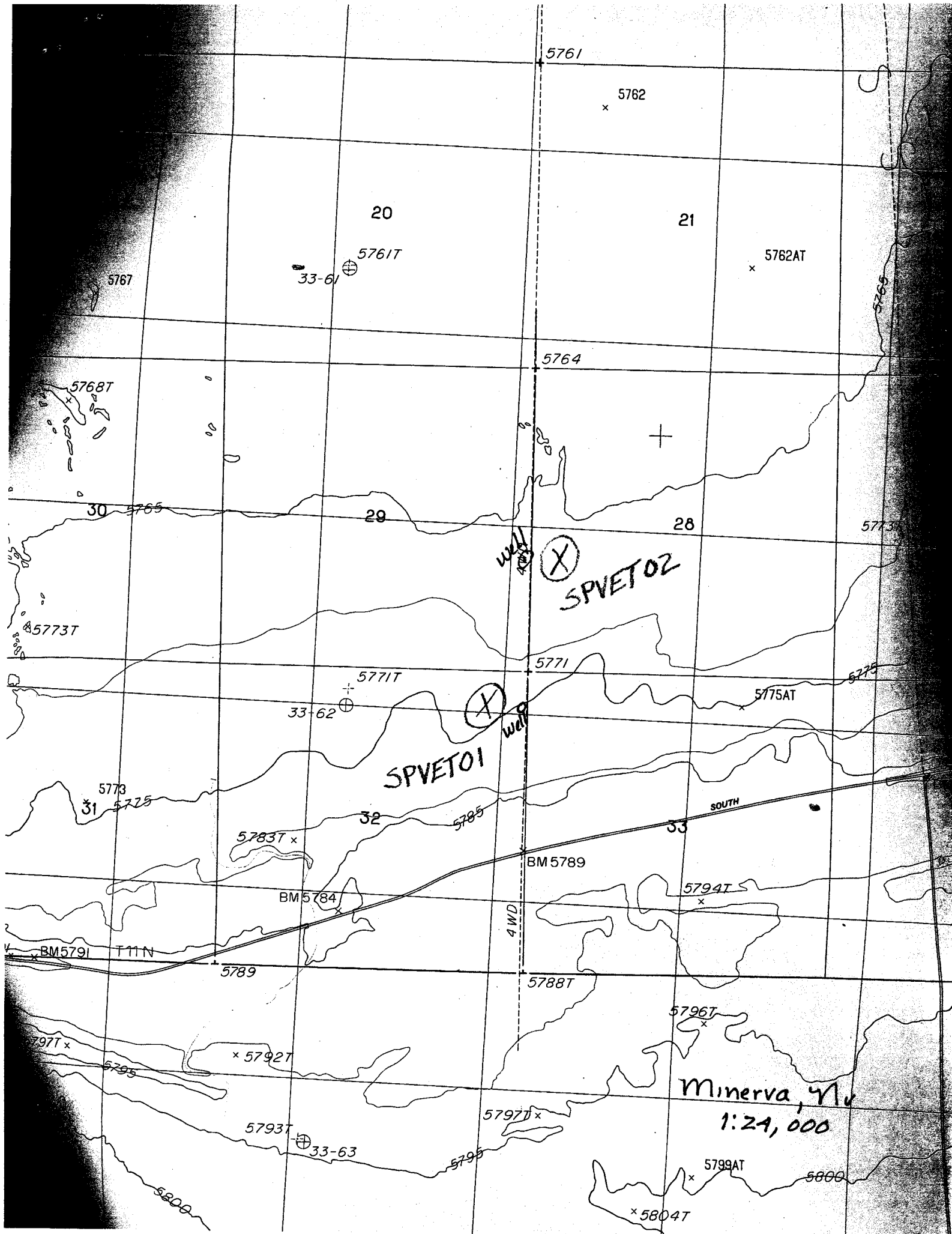
9. WATER LEVEL
 Static water level 6.98 feet below land surface
 Artesian flow NO G.P.M. _____ P.S.I. _____
 Water temperature _____ °F Quality _____

Date started August 23, 2005
 Date completed August 23, 2005

7. WELL TEST DATA

TEST METHOD: <input type="checkbox"/> Bailer <input type="checkbox"/> Pump <input type="checkbox"/> Air Lift		
G.P.M.	Draw Down (Feet Below Static)	Time (Hours)

10. DRILLER'S CERTIFICATION
 This well was drilled under my supervision and the report is true to the best of my knowledge.
 Name Robert N. Pennington Contractor
 Address 333 W. Nye Lane Contractor
Carson City NV 89706
 Nevada contractor's license number issued by the State Contractor's Board _____
 Nevada driller's license number issued by the Division of Water Resources, the on-site driller FP-1857
 Signed R.N. Pennington
 By driller performing actual drilling on site or contractor
 Date 8-29-05



To Maples
place
Hwy
93



Southern Spring Valley

ET
Station
SPVET02

Well Fence line

AWD Rd.

Well

ET
Station
SPVET01

To
Minerva

To Atlanta

93

