WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

Log No. /58

Also Bes Log 1787

			the second secon	Permit No
· -	24 (pen Driller Wess	_
			nevada Address Ely	
Logotion of	wall.	7 - 1/ N/ W1/ S	ec. 19., T. 15. N/S, R.67. E, in White	County
	NE	7 /428.14.74 5	66.6.4, 1.7.311/3, 10.5b, III	County
Water will		laga	gation Total dept	h of wall \$\rangle \mathbb{B}'
	,		Temp. of water	
Diameter ar	nd length of	(Casing	6" 80' 12" in diameter and under give inside diameter; c	asing 12" in diameter give outside diameter.)
If flowing v	vell give flo	w in c.f.s. or	g.p.m. and pressure	
If nonflowing	ng well give	e depth of sta	anding water from surface	
If flowing v	vell describe	control wor	ks(Type and size of	rolmo oto)
D-4			Sept. 17-1947. Date of completion of	•
	_		outlit	1 Well
Type of we	Il rig			
From	То	Thickness	OF FORMATIONS	Water-bearing Formation, Casing Perforations, Etc.
feet	feet	feet	Type of material	Sand + gravel
	11	,,	Sandy clay	Chief aquifer (water-bearing formation)
	/3	2	Sand + gravel (Water	from .3.9 to .4.4
/3	17	4	growel + clay mined	Other aquifers 11,76 /3'
	22	5-	sand & gravel (Water	17' 1 22'
22	39	17	growll & clay Mixed	
39	44	5	sand & gravel (water	
44_	83	39	sandy clay	
				First water atfeet.
				Casing perforated
				from4.44 toft.
				Size of perforations
				12 kulmations to The
				round and each round
				12 perforations to the round and each round one foot apart. Casing drivers all the Way.
			(OVER)	ounge see news

LOG OF FORMATIONS—Continued

From feet	To feet	Thickness		Type of material
		<u> </u>		· · · · · · · · · · · · · · · · · · ·
				CASING RECORD
Diam. casing	From feet	To feet	Length	"Remarks"—Seals, Grouting, Etc.
		ļ		
-				
				•
		GEN	ERAL INFORMA	TION—Pumping Test, Quality of Water, Etc.
	<u></u>	 1 .		
	Bail	ning .	test /	or gpm no drambron
		····		
	WELL DE	RILLERS ST.	ATEMENT	(Not to be filled in by Driller)
This we	ell was dril	lled under m	y jurisdiction ar	
above infor	mation is tr	ue to my best	information and	belief.
	Signed	Well I	o Smitt	<i>J</i>
	Ву			
_	A /		No 2.3	
Dated 	U., 14.	, ,	194.57	
	•			

WELL LOG AND REPORT TO THE STATE

Rec. 10/30 1957

		ENGIN	NEER OF NEVADA		Well No
		1.		· K	Permit No
Owner	J. P.	Joha	uslu Dri	ller Maur	g- alcorn Ardlings
Address	/ '	ung-	0//	Iress 1/	eramento Colfie No. 96
	- /	. /	Sec.,/9, T./5N/\$, R.67.E, in	-	thite Pine County
	Wile		w Ely. on M	<i>^</i>	1
	be used for.	10			of well 700 \$
	lled hole	1-61	// / * // /.		near foot
	f casing	3, ,	,		
		/ /	200 H 12" Cons	. 01 water	It 10 "Conny
Diameter ar	nd length of	casing (Casing	12" in diameter and under give ins	ide diameter; of	sing 12" in diameter give outside diameter.)
If flowing v	vell give flo	w in c.f.s. or	g.p.m. and pressure	·····	
If nonflowing	ng well give	e depth of st	anding water from surface	40/4	
If flowing v	vell describe	control wor	·ks		
				ype and size of va	
Date of con	amencement	of well	Date of	of completion of	well 9/30/5/
Type of wel	ll rig	pot	ary		
		LOG	OF FORMATIONS		
From feet	To feet	Thickness feet	Type of material		Water-bearing Formation, Casing Perforations, Etc.
30	2 5.5	175	& Gravel Course		
255	300	45	Clay		Chief aquifer (water-bearing formation)
3 00	315	- 15-	fine gravel		from So to 255 ft.
315	500	185	yellow clay		Other aquifers
500	550	- 50	- strovel telay		encountered sand I gravel
550	600	50	yellow clay		in 10 to 10' streak all the
600	6/2	12	fine Gravel		way to 690'
612	680	68	Play		
680	690	10	fine Groves of		First water atfeet.
6 90	700	10	yellow clay		Casing perforated
-					from 100 to 700 ft.
					Size of perforations

(OVER)

				,
From feet	To feet	Thickness		Type of material well from soft to 700 ft. d 80 ft of 16" lang set
			CASING :	PECOBD.
Diam.	From	To		
casing	feet	feet	well. It	"Remarks"—Seals, Grouting, Fitc. Noll from 80 ft of old Lat was cased down to feel of 8 20 ft 12" easy 3/6 Lops. 100 ft perform No ft 10" " 3, expottored all perform
	<u>'</u>			
				nping Test, Quality of Water, Etc.
	wil	r peri	I how so	me one Else test purps.
 				· · · · · · · · · · · · · · · · · · ·
				
		- ·		
mı ·		RILLERS ST		(Not to be filled in by Driller)
			ny jurisdiction and the	
		-	information and belief.	
	Signed.	Well	plcaru elrelle	ylo:
	By //	Day	10	
		Licens	e No96	
Dated/	10- 3	26-,	19.5-/ STATE STREET TO	
			וה יחים דמת	
			RECEIVED	·····
			AND STREET	

.....

 $\{(c,c)^{\frac{1}{2}}\}^{\frac{1}{2}}$

	Feld Cory	Well Test.			. #
1	Rt Joho	msen, Ely Mevader	- €		
3 5	By FR	Column & Son		Fud of Jest.	
		12/15/			
C)	-F34				
	e ui			Dr. 1224	
29	ן פיפן		Davis Ateon	4teon Deizzing Co	
714	Bu				
2	rclurz		Me	1. GPW measured my onfice	in Micro
4	1			2. P.H. measured uf Ekdnic	CHIC
**				Sounder, + 1 Foots	
				LOCOTTION OF WELL	
25				N.W./4	
				Variohip 15 Panga 675.	
		1	E TO GPM		! !
	8		S	<i>M</i> .	all
					:

CLEVELAND WELL

WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

1	Log,NoE	321
	Rec. Jan	25 1965
	Well No	<u>, , , , , , , , , , , , , , , , , , , </u>
	Permit No	A 59
•	Do n	ot fill in: 179

PLEASE COMPLETE THIS FORM IN ITS ENTIRETY

Owner Bureau of Land Management	Driller Lee Bennett
Address Ely, Nevada	Address 470 High St., Ely, Nev. Lic. No. 416
•	R LCE, in White Pine County
or NE, Section 26, T. 6 N., R. 66 E	Spring Valley
Water will be used for Stock	Total depth of well 260 ft.
Size of drilled hole	
Thickness of casing 1/4	Temp. of water Warm
Diameter and length of casing 6" ID (Casing 12" i	260 • n 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 pre	ssure
If nonflowing well give depth of standing water from	om surface 220°
If flowing well describe control works	(Type and size of valve, etc.)
Date of commencement of well December 2,	1964 Date of completion of well December 10, 1964
Type of well rig 24-L Bucyrus Erie	Cable tool
LOG OF FORMATIO	
To Thickness ?	Water-bearing Formation, Casing

		LOG	OF FORMAT		Water-hearing Formation Cosing
From feet	To feet	Thickness feet	71. n	Type of material	Water-bearing Formation, Casing Perforations, etc.
0 140† 230†	140' 230' 260'	140' 90' 30'	Boulders Sand Sand and		Chief aquifer (water-bearing formation from 230° to 260 Other aquifers
					Size of perforations 1/8 x 6" 5 to the round every 2*

(OVER)

LOG OF FORMATIONS—Continued

From feet	To feet	Thickness				Тур	e of material			
				٠,						
		0	r o .	٠.						
				0		_				
	•					•	• • •			•
	•									
<u> </u>		<u> </u>		CAS	ING RE	CORD		······································		
Diam. casing	From feet	To feet	Length			REM	ARKS—Seals	, Grouting,	etc.	
			į	ę v						
·							· . · · · · · ·			
		G	ENERAL IN	FORMATIO	N—Pum	ping Test, Q	uality of Wate	er, etc.	-	
			bale hole							
						· · ·	::	r·,	.	
		ę ··						î ,	t ·	5
										
,	WELL DR	ILLER'S S	TATEMEN	r			(Not to	be filled	in by Driller)	
This wel	l was drille formation is	ed under my	y jurisdiction best inform	n and the lation and						
belief. S	igned Le	e Be	nnelt Driller Oon	2						
E	sy J. V.	Hil	ell Driller Oon	bales						
,		License 1	No 416 , 19.6.5	·····			•••••••••••		•••••	
Dated	Janse	sry 21	19.6.5						:-NVP-sect	
							भउः		OUG	
								•		••••••

STATE OF NEVADA **DIVISION OF WATER RESOURCES**

WELL DRILLER'S REPORT

PRINT OR TYPE ONLY

Please complete this form in its entirety in

	OFFICE USE ONLY Log No. 113995							
Permit No.								
Basin	784							

DO NOT WRITE ON BACK		accorda	ince with	NRS 534.	.170 and NAC	C 534.340		NOTICE OF		00707
4 OWNED Coudham Na		. عند .			l			NOTICE OF		60797
1. OWNER Southern Nev			\ /		ADDRES	SAIWELLI	LOCATION 13		of the Hwy 893	запо ну
MAILING ADDRESS 100 C	************************	700 L	as vega	S,NV		029M	50 on	Hwy 893	10/6	te Pine
	89106				Subdivision	Name:			 	
2. LOCATION NW 1/4 SE	1/4 Sec 25 T				Latitude .			м E71608		
PERMIT/WAIVER No.		0	10-57-00		Longitude		N	434410	5 X NAD 8	3/WGS 84
Issued by Water Reso			Parcel No).						
	ERFORMED		4		_	OSED USE		5.	WELL TYPE	
New Well Replace	☐ Recondition	1	☐ Don			Irrigation	☐ Test	Cable	Rotary	☐ RVC
☐ Deepen ☐ Other			<u> </u>	nicipal/Indu		x Monitor	☐ Stock	Air	☐ Other	
	ITHOLOGIC LOG				9.			ONSTRUCTIO		
Material	Water	From	To	Thick-	Depth Di	rilled		et Depth Cas		Feet
4.0	Strata			ness			HOLE DIAME	•	-	
* See Attached*				<u> </u>				From	To O	_
			<u> </u>	.		11 3/4	Inches	0	Feet 38	Feet
· · · · · · · · · · · · · · · · · · ·			-	ļ <u>.</u>		10 1/2	Inches	30	Feet 275	
				ļ			Inches	SCHEDULE	Feet	Feet
					o: o o l	14/-:	1		l	l
		•		 	Size O.D. (Inches)	Weight/Ft. (Pounds)		ickness hes)	From (Feet)	To (Feet)
	 -			-	4.5	10.79	<u> </u>	37	+2	261
r-v		-		 	4.5	10.79		<u>. </u>	+	
(2)					 				<u> </u>	
Ć.				 	 -		Perfo	rations:	<u>I</u>	1
N :					1	Type of perfora			slots	
KALL IN THE STREET				 	11	Cina of parform	iiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii		റഭറ	
		•			From		220	feet to	261	feet
ATTACA MANAGEMENT									***************************************	feet
7444 — 4-q.,				<u> </u>	ll –			feet to		feet
					From				*******************************	feet
					From		***************************************	feet to		feet
							Annular Si	eal: 🗶 Yes 🗌	No	
					☐ Neat Ce	ement	to		Pumped 🗌	Poured
		<u> </u>		L	☑ Cement	t Grout	0 to 20	77 🔀 I	Pumped 🗌	Poured
				<u> </u>	Concret	te Grout	to	🗀 F		Poured
						entonite Grout				Poured
					Gravel Pack	: X Yes [No 213 to	262 X F	oumped	Poured
					Type:		es No 207	8x12	<u>.</u>	
5.4.4.1.1	40.4		L.,		Bentonite Cl	nips: [X] Ye	es No 207		Pumped	Poured
Date started:	18-Apr	••••••	, 20	11 11	Type:			3/8"		
Date completed:	29-Apr Water Level		, 20	11	40		DOLLEDIC	CEDTIFICAT	TON!	
Static water level:		foot bo	low land	au rf ann	10.			CERTIFICAT		ant of our
Artesian Flow:	G.P.M.	icel De	iow iairu	P.S.I.	II.		under my supervis	ion and the rep	orus a ue to the ba	ast of my
				F.3.I.	knowledge.	•	MDC E	oploration An	d Wells	
Quality:	1				Name .			tractor		
	VELL TEST DATA				Addre	ee	739 W. Suns	etrd Hende	rson NV 8901	1
TEST METHOD: Bailer		Air Lif	t		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			tractor		
G.P.M.	Draw Down	_ 	Time (Ho	ure)						
•	(Feet Below Static)		Till City	ui s)	Nevada	contractor's lic	rense number		*************************	*****************************
20		+	4		4		ontractor's Board		0012852	
+ +		+			1	•	number issued by	the	~ · · · · · · · · · · · · · · · · · · ·	*******************************
		1			11		sources, the <i>on-site</i>		2057	,
					1 2,310		-10			
		1			Signed	₹				
						1,,	By driller performing actu	al drilling on site or co	ontractor	
					Date			····		

USE ADDITIONAL SHEETS IF NECESSARY 39, 2194/6° N

SPR7029M Lithology Log

Lithologic Description

Well graded GRAVEL (GW) with silt. Varicolored, subrounded to well rounded, noncemented gravel that consists of pink to gray quartzite and dark gray to black limestone. Matrix is a tan, noncemented silt.

Well graded GRAVEL with clay (GW-GC). Varicolored, angular to subrounded, noncemented gravel that consists of pink to gray quartzite and dark gray to black limestome. Clay is tan with medium plasiticity.

Well graded GRAVEL (GW). Varicolored, highly angular to subangular with fresh surfaces, noncemented gravel that consists of pink to gray quartzite and dark gray to black limestone.

Geologist		Primary Lithology		
Initials	Top	Bottom	Thickness	
KP	0	40	40	GRAVEL
KP	40	100	60	GRAVEL
KP	100	275	175	GRAVEL

STATE OF NEVADA DIVISION OF WATER RESOURCES WELL DRILLER'S REPORT

Log No.	OFFICE USE ONLY //399チ
Permit No	
Basin	784

PRINT OR TYPE ONLY DO NOT WRITE ON BACK

(Rev. 95-96)

Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

1. OWNER Southe	m Nevada W	Vator Auth	oritu			LADDRE	SE AT MELL (OCATION 15	NOTICE OF I		60797
MAILING ADDRESS	100 City Parl	wav suite	700 I	as Vens	e NV	CPR	7-6304	OCATION 15	Hun/ 893	n tile i iwy 093	and nwy
	891	06		aco vogo		Subdivision	n Name:	122 00 011	Cou	oty: Whi	te Pine
2. LOCATION NW 1/4	NE 1/4 Sec	32 T	16N	N/S R	6 7 E	Ladition		lut	ме 71 945		
PERMIT/WAIVER No.	R-151	o T	0	10-58-00	06	Longitude	***************************************		4343638	******	
	later Resources			Parcel No),						
	KED PERFOR	MED		4.		PROF	POSED USE		5.	WELL TYPE	
New Well Rep		Recondition		Don 🗆	nestic		☐ Irrigation	☐ Test	☐ Cable	□ Rotary	☐ RVC
Deepen Dothe				∐ Mun	icipal/Indu	ustrial	Monitor	☐ Stock	☐ Air	Other	
6.	LITHOL	OGIC LOG				9.			ONSTRUCTIO		•
Material		i I	From	То	Thick-	Depth D	rilled		et Depth Case		Feet
* Coo Attached*		Strata			ness				TER (BIT SIZE		
* See Attached*					<u> </u>		0.549		From	To	C 4
·		-					9 5/8	Inches		=eet237 =eet	Feet
				 				Inches		-eet -eet	Feet
					 				SCHEDULE .	eci	reet
	- ··					Size O.D.	Weight/Ft.	1	nickness	From	То
	_					(Inches)	(Pounds)	(Inc	hes)	(Feet)	(Feet)
						4.5	10.79	.2	37	+2	236
							<u>.</u> .				
									orations:		
	:					ii ii	Type of perforat			slots .060	
· (· · · ·				-	-		Size of perforati				
v _i ,	3					From	**-*(-* }*/ (********	194	feet to	230	feet feet
	· :					From	***********************	,	feet to		feet
						From	***************************************		feet to	************************	feet
***	:					From			feet to		feet
	-							Annular S	eal: 🛛 Yes 🗌	No	
7 (m)	1					☐ Neat C	ement	to	P	umped 🔲	Poured
#						☐ Cemen	it Grout	0 to 1	66 X P	· =	Poured
						☐ Concre		to			Poured
·							Bentonite Grout	to			Poured
····								No to	Р	umped 🗌	Poured
·						Type:	hine: V	s No 166	to 170 🔽	Pumpad	Poured
Date started:	26-Ja	in		, 20	11	Type:	лірз. 🔼 Ге	ъ П ио	3/8"	rumped	
Date completed:	5-Fe		********	. 20	************	1,500.					
7.	Wate	r Level				10.		DRILLER'S	CERTIFICATI	ON	
Static water level:		1	feet be	low land	surface	. This v	well was drilled u	ınder my supervis	ion and the repo	rt is true to the be	est of my
Artesian Flow:	56	G.P.M.	10		P.S.I.	knowledge	> .				
Water Temperature:	cool	°F	***************************************			Name			xploration And	d Wells	7717F1741644641641641641641641
Quality:				<u>.</u>					ntractor		
8.	100.000	EST DATA	7 42 176			Addre	ess		et rd, Hender	son NV 8901	
	Bailer 🔲	_] Air Lif					Co	nwactor		
G.F		iw Down selow Static)		Time (Ho	urs)		10-17-17-17-17-17-17-17-17-17-17-17-17-17-				***************************************
	(1 6-61)	elow Static)	-				a contractor's lice			0040050	
	- 		1-			i	-	ontractor's Board number issued by		0012852	***************************************
		-	 			19		number issued by ources_the <u>Ob-si</u> te		2057	
			\top			DIVISION.	on or vialer ness	7077	· · · · · · · · · · · · · · · · · · ·	2001	
			1			Signed					
						, J		y driller performing actu	al drilling on site or co	ntractor	
						Date					

USE ADDITIONAL SHEETS IF NECESSARY 39, 214366 N NAD 27

7

SPR7030M2 Lithology Log

Lithologic Description
Well graded GRAVEL with silt (GW-GM), varicolored, subangular to subrounded, poor to moderate
cemented pinkish-white quartzite and gray to dark gray limestone. Matrix is brown, poor to moderate
cemented silt with minor subrounded very fine grained sand.
SILTY CLAY with some gravel (CL-ML), light brown, moderate to well cemented, low plasticity.
Gravel is coarse, gray, subrounded, non-cemented quartzite.
Clay (CL) with some sand, gray, medium plasticity. Sand is poorly graded, very fine to fine grained,
subangluare to subrounded, medium cementation quartzite.
Well graded GRAVEL (GW) with some clay, varicolored, subangular to subrounded, non-cemented
quartzite. Matrix is gray, low to medium plasticity clay.
Fat CLAY (CH) with some gravel, dark gray, high plasticity. Gravel is dark gray, subrounded, non-
cemented limestone and quatrzite.
Lean CLAY (CL) with some gravel, dark brown, medium plasticity. Gravel is well graded, varicolored,
subangular to subrounded, non-cemented quartzite.
Well graded GRAVEL (GW) with sand, varicolored, subrounded, non-cemented Quartzite. Matrix is
vaicolored, subangular to subrounded, non-cemented quartz (quartzite).
Poorly graded SILTY SAND (SM) with gravel, tan to light brown, subangular to subrounded, non-
cemented. Gravel is pinkish-white to dark gray, angular to subangular, non-cemented quartzite.
Well graded GRAVEL (GW) with sand, varicolored, subrounded, non-cemented Quartzite. Matrix is
vaicolored, subangular to subrounded, non-cemented quartz (quartzite).
Lean CLAY (CL) with gravel, tan to brown with medium plasiticity. Gravel is medium to well graded,
varicolored, subrounded, non-cemented quartzite.
Poorly graded SILTY SAND (SM) with gravel, tan to light brown, subangular to subrounded, non-
cemented. Gravel is pinkish-white to dark gray, angular to subangular, non-cemented quartzite.
Well graded GRAVEL (GW) with minor silt, varicolored, subangular to subrounded, non-cemented
quartzite. Matrix is tan, non- to poorly cemented silt.
Well graded GRAVEL (GW) with clay, varicolored, subangular to subrounded, non-cemented quartzite.
Matrix is gray, medium plasiticity lean clay.
Fat CLAY (CH), gray with high plasiticity.
Fat Clay (CH) with sand and gravel, brown with high plasiticity. Sand is moderately graded, varicolored,
subrounded, non-cemented quartzite. Gravel is moderately graded, varicolored, subrounded, non-
cemented quartzite.
Poorly graded GRAVEL (GP) with clay, varicolored, subangular to subrounded, non- to poorly
cementedquartzite. Matrix is gray with medium plasiticity lean clay.
Poorly graded SILTY SAND (SM) with gravel, tan to light brown, subangular to subrounded, non-
cemented. Gravel is pinkish-white to dark gray, angular to subangular, non-cemented quartzite.
Well graded GRAVEL (GW), varicolored, subangular to subrounded, non-cemented quartzite.
Fat CLAY (CH) with gravel, reddish-brown, moderately cemented with high plasiticity. Gravel is well
graded, varicolored, subangular to subrounded, non-cemented quartzite.
Well graded GRAVEL (GW), varicolored, subangular to subrounded, non-cemented quartzite.

Geologist		Depth (ft)		Primary Lithology
Initials	Top	Limology		
HULLIGIES	1VE	LARMAIL	Thickness	
KP	0	10	10	GRAVEL
КР	10	20	10	SILTY CLA
KP	20	30	10	CLAY
KP	30	40	10	GRAVEL
KP	40	50	10	CLAY
KP	50	60	10	CLAY
KP	60	80	20	GRAVEL
KP	80	90	10	SILTY SAN
KP	90	110	20	GRAVEL
KP	110	120	10	CLAY
КР	120	140	20	SILTY SAN
KP	140	150	10	GRAVEL
KP	150			GRAVEL
KP ·	160	180	20	CLAY
KP	180	190	10	CLAY
KP	190	200	10	GRAVEL
KP	200			SILTY SAN
KP	210	220	10	GRAVEL
KP	220	230	10	CLAY
KP	230	240	10	GRAVEL

STATE OF NEVADA DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

PRINT OR TYPE ONLY DO NOT WRITE ON BACK

Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

Log No.	0FFICE USE ONLY 113998
Permit No.	
Basin	784

	40.00	and min mid do	4.170 0710 1771	0 004.040		NOTICE OF I	NTENT NO.	60797
1. OWNER Southern Neva	da Water Authority		ADDRES	SS AT WELL L	OCATION 15			
MAILING ADDRESS 100 City		Las Vegas,NV	5PR 7	-030M	93 on	Hwy 893		
	89106		Subdivision			Cour		ite Pine
2. LOCATION NW 1/4 NE 1/4	Sec 32 T 16N				UT	м Е 71945	7 NAD 2	
***************************************		010-58-006	Longitude		N	4343636	X NAD 8	3/WG\$ 84
Issued by Water Resource		Parcel No.	DDOE	20055 1105		le.	WELL TABLE	-
3. WORKED PER ☑ New Well ☐ Replace [_	4. Domestic		POSED USE	П+	5.	WELL TYPE	
Deepen Dother	Recondition	☐ Domestic ☐ Municipal/Inc		☐ trrigation ☑ Monitor	☐ Test☐ Stock	☐ Cable ☐ Air	☐ Rotary☐ Other	RVC
	HOLOGIC LOG	ш милифаили	9.	MODILO		ONSTRUCTION		
Material	Water From	To Thick-	- ∥ * `	rilled		et Depth Case		Feet
	Strata	ness				TER (BIT SIZE		
* See Attached*			7			From	То	
]	9 5/8	Inches	0 F	eet 98	Feet
					Inches		eet	Feet
					Inches		eet	Feet
		<u> </u>	↓			SCHEDULE		1 _
		 	Size O.D.	Weight/Ft.	1	nickness	From (Foot)	To
		 	(Inches) 4.5	(Pounds) 10.79		hes) 37	(Feet) +2	(Feet)
		 	4.5	10.79		31	72	30
,,,,,,					+			†
123		† †	1	<u>.</u>	Perfo	orations:		
- 1 <u>- 4 </u>			1	Type of perforat	tion	5	slots	
er grown				Size of perforati	on		060	
#4			From		53	feet to	96	feet
	_					feet to		feet
		 	From .					
		 	From .					feet feet
Management attention			From		Annular 9	feet to	No	ieei
			☐ Neat C	ement	to	_		Poured
(/)			☐ Cemen		0 to 4			Poured
			Concre		to	Pi		Poured
				Bentonite Grout	to	☐ Pi	umped	Poured
			Gravel Pack	c Yes	No to	Pı		Poured
		<u> </u>	Type:		s		······	
D-4143.	9 Fab	10 11	Bentonite C	hips: <u>x</u> Ye	s ∐ No 48	to 50 [X]	Pumped	Poured
	8-Feb 9-Feb	, 20 <u>11</u> , 20 <u>11</u>	Туре:		***************************************	3/8"	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	······································
	Water Level	, 20 11	10.		DRILL FR'S	CERTIFICATI	ON	
Static water level:		elow land surface	H -	vell was drilled u	under my supervis			est of my
Artesian Flow: 60	G.P.M. 40	P.S.I.	knowledge					•
Water Temperature: cool	°F		Name		WDC E	xploration And	l Wells	
Quality:			_ i		Co	ntractor		
	LL TEST DATA		Addre	ess	739 W. Suns	et rd, Hender	son NV 8901	1
,	∏ Pump ∐ Airt.				Co	neractor		
G.P.M.	Draw Down Feet Below Static)	Time (Hours)						
	odovi otalic)			a contractor's lic			0012852	
				•	ontractor's Board number issued by	the	UU 12002	
					ources, the o <u>n-s</u> it		2057	7
			1		ファイブ			
			Signed		6/_			
			_}		y driller performing actu	al drilling on site or cor	ntractor	
			Date		ECCADY O a			
D 05 00		I I SE A DA	WITH THE PL		EXCABY /7 -	- 111711	- 4 /	

USE ADDITIONAL SHEETS IF NECESSARY 39,214349°N NAD 27

17030M Lithology Log

Lithologic Description						
Ethologic Description	hic Unit					
Well graded GRAVEL with silt (GW-GM), varicolored, subangular						
to subrounded, non-cemented quartzite. Matrix is tan to brown, non-						
to poorly cemented silt.	Qa					
Lean CLAY (CL) with sand and gravel, gray, low to medium						
plasiticity. Sand is poorly graded, varicolored, subrounded, non-						
cemented quartzite. Gravel is well graded, varicolored, subrounded,						
non-cemented quartzite.						
Fat CLAY (CH) with some gravel, gray with high plasiticity. Gravel						
is poorly to medium graded, varicolored, subangular to subrounded,						
non-cemented quartzite.						
Well graded GRAVEL (GW) with clay, varicolored, subangular to						
subrounded, non-cemented quartzite. Matrix is gray, medium						
plasiticity lean clay.	Qa					
Fat CLAY (CH) with some gravel, gray, high plasticity. Gravel is						
well graded, varicolored, subrounded, non-cemented quatrzite.	Qa					
Well graded GRAVEL (GW) with some clay, varicolored,						
subangular to subrounded, non-cemented quartzite. Matrix is light						
gray, low to medium plasiticity lean clay.	Qa					
Well graded GRAVEL (GW) with clay, varicolored, subangular to						
subrounded, non-cemented quartzite. Matrix is light gray, low to						
medium plasiticity lean clay.	i					
Well graded GRAVEL (GW) with some clay, varicolored,						
subangular to subrounded, non-cemented quartzite. Matrix is light						
gray, low to medium plasiticity lean clay.	Qa					

SPF

Geologist		Primary Lithology		
Initials	Top	Bottom	Thickness	The state of the s
KP	0	10	10	GRAVEL
KP	10	20	10	CLAY
KP	20	30		CLAY
KP	30	40	10	GRAVEL
KP	40	60	20	CLAY
KP	60	80	20	GRAVEL
KP	80	90	10	GRAVEL
KP	90	100	10	GRAVEL

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STATE OF NEVADA **DIVISION OF WATER RESOURCES**

WELL DRILLER'S REPORT

PRINT OR TYPE ONLY

Please complete this form in its entirety in

	10f3
	OFFICE USE ONLY
Log No.	113999
Permit No	•
Basin	184

DO NOT WRITE ON	BACK			accorda	nce with	NRS 534.	170 and NAC	534.340				00707
4 OWNER Sou	ithorn Ni	svodo M	lator Aut	horit.			LADDDEC	C AT MELL	OCATION 13	NOTICE OF I		60797
 OWNER Sou MAILING ADDRES 	25 100 (ity Park	way enii	700 I	oe Vens	e NV		629M2		Hwy 893	n tile riwy osc	anu my
INALINO ADDICE.	100	891		6 / VO L	as vege	15,140	Subdivision		30 011	Cour	oty: W hi	te Pine
2. LOCATION NW	1/4 SE	1/4 Sec	25	T 16N	N/S R	66 E	Latitude		UT	ме 71608	9 🔲 NAD 2	7
PERMIT/WAIVER N		R-149			10-57-00		Longitude	***************************************	N	4344105	X NAD 8	3/WGS 84
Issued	by Water Re	sources			Parcel No).	· "					·····
	ORKED		MED		4			OSED USE		5	WELL TYPE	
	Replace		Recondition	n	Don			Irrigation	Test	Cable	Rotary	☐ RVC
	Other				☐ Mur	icipal/Indu		x. Mo⊓itor	☐ Stock	☐ Air	Other	
6.		LITHOL	OGIC LO		-		9.			ONSTRUCTION		E
Mate	riai	1	Water Strata	From	To	Thick- ness	Depth Dr	nilea		et Depth Case TER (BIT SIZE		Feet
* See Attached*			50 816			liess					= <i>)</i> To	
See Allacheu								32	Inches	From O F	eet 28	Feet
· · · · · · · · · · · · · · · · · · ·						 	***************************************	17.5	Inches		Feet 437	Feet
· · · · · · · · · · · · · · · · · · ·							************		Inches		Feet	Feet
										SCHEDULE		
							Size O.D.	Weight/Ft.	Wall Th	iickness	From	То
					•••		(Inches)	(Pounds)	(Inc	hes)	(Feet)	(Feet)
							20	78.67		75	0	38
 						ļ	12	49.61	3	75	+2	422
						<u> </u>	<u> </u>					
								Type of perfora		orations:	slots	
						<u> </u>	li	Size of perforat	***************			*************************
										feet to	422	feet
							From			feet to		feet
Č.	,						From			feet to		feet
							II			foot to		faat
							From			feet to		feet
2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2						<u> </u>	 			eal: 🗷 Yes 🔲		1
	A.F					ļ	☐ Neat Ce		to	41949441		Poured
							Cement Concret		0 to 3	4544841		Poured Poured
<u> </u>	1						u —	entonite Grout	ta to		·	Poured
	-1								No 360 to			Poured
	4.5						Type:			8x12		•
∳ -4	, Čt						Bentonite Cl	nips: 🛛 🗶 Ye	es 🔲 No 353	to 360 🗓	Pumped	Poured
Date started:	**************	1-Ap	r		, 20	11	Type:			3/8"		*******************
Date completed:		17-A			, 20	11						
7.			r Level			_	10.			CERTIFICATI		
Static water level:		218	~ ~ ~	feet be	low land		H		under my supervis	sion and the repo	ort is true to the b	est of my
Artesian Flow: Water Temperature:			G.P.M. °F			P.S.I.	knowledge.	=	WDC E	voloration An	d Welle	
Quality:		cool	F				Name		Co	xploration And	0 446112	*******************
8.	•	WELL T	EST DAT	Ά			Addre	SS	739 W. Suns	et rd. Hender	rson NV 8901	1
TEST METHOD:	Bailer		Pump	x Air Lif	t					ntractor	*******************************	4144544)iii
	G.P.M.	Dra	w Down	1	Time (Ho	urs)						
		(Feet 8	lelow Static)				Nevada	contractor's lic	ense number		***************************************	
	40				4		issued	by the State C	ontractor's Board		0012852	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
							Nevada	driller's license	number issued by	the		_
							Divisio	n of Water Res	sources the on sit	e driller	2057	7
								<u> </u>	4///			
		 		_		-	Signed		y driller performing actu	el drilling on site or co	ntractor	******************************
					***		Date	•				
······································	<u> </u>	<u>'</u>					<u> </u>	IE NE		10111	. 2. /	

USE ADDITIONAL SHEETS IF NECESSARY 39.2 (94/6°N NA) 27

SPR7029M2Lithology Log

Lithelegie Description	Stratigraphic	
Lithologic Description		Unit
		3.7
Well graded GRAVEL (GW) with silt. Varicolored,	subrounded to well	
rounded, noncemented gravel that consists of pink to gr	ray quartzite and dark	
gray to black limestone. Matrix is a tan,	noncemented silt.	Qa
Poorly graded GRAVEL (GP). Varicolored, highly angula	ar with fresh surfaces,	
noncemented gravel that consists of pink to gray quart	zite and dark gray to	
black	limestone.	Qa
Well graded GRAVEL (GW). Varicolored, highly angul	lar to subangular with	
fresh surfaces, noncemented gravel that consists of pink	to gray quartzite and	
dark gray to black	limestone.	Qa
Well graded GRAVEL (GW) with silty sand. Varicolor	red, highly angular to	
subangular with fresh surfaces, noncemented gravel that c	consists of pink to gray	
quartzite and dark gray to black limestone. Matrix is	a tan, subangular to	
subrounded, noncemented si	lty sand	Qa
Well graded GRAVEL (GW). Varicolored, angu-	ılar to subrounded,	
noncemented gravel that consists of pink to gray quart	zite and dark gray to	
black	limestone.	Qa
Well graded GRAVEL (GW). Varicolored, highly angul	lar to subangular with	
fresh surfaces, noncemented gravel that consists of pink	to gray quartzite and	
dark gray to black	limestone.	Qa

Geologist		Primary Lithology		
Initials	Top	Bottom	Thickness	
KP	0	30	30	GRAVEL
KP	30	80	50	GRAVEL
KP	80	130	50	GRAVEL
KP	130	160	30	GRAVEL
KP	160	260	, , , , , , , , , , , , , , , , , , , ,	GRAVEL
KP	260	440	180	GRAVEL