						22741				
(1) LAND OWNER	<u> </u>			nber		(9) LOCATION O	WELL by legal	description:		
Name City of Helix				County Umah	lla Latitude	l				
Address						Township 4 N				WM.
City Helix		State Or	7000	Zip 9	7835	Section 2	<u>NE</u> 1/4	of SW	1/4	
(2) TYPE OF WOF						Tax Lot				
New Well Deep	ening 🗌 Altera	tion (repair	/reconditi	on) 🗆 Abane	donment	Street Address of V	Vell (or nearest addres	s) Northern	Pacific	R.R. Dep
(3) DRILL METH	OD:					North 52°30'	17 015E, 1203	from the	EM colver	<u> </u>
Rotary Air Rota	ary Mud 🔲 Ca	ble □Aı	uger			(10) STATIC WATI				
Other						fi. b			Date <u>27</u>	Nov 195
(4) PROPOSED USE:				Artesian pressure _	lb. per	square inch	Date			
☐ Domestic 🕱 Community 🗆 Industrial 🖂 Irrigation				(11) WATER BEAF	UNG ZONES:					
☐ Thermal ☐ Injec			Other_			Depth at which water v	vas first found	136		
(5) BORE HOLE O			th of Co	mnieted Wall	1195 6	I				
Special Construction a Explosives used \(\subseteq \text{Ye}						From	То	Estimated	riow Kate	SWL
HOLE	S LITTO 13PC_	SEAL				136	149			40
Diameter From To	Material	From	To	Sacks or pou	nds	1060	1070	-		130
						1166	1177			175
10:0 900	cementin	1144	898	see att	ached	1		 		+
8:1 900 1195		360	532	1,						
How was seal placed:	Method []A [C D	ΠE	(12) WELL LOG:	and Elevation			
How was sear praced: ☐ Other	WICHION L			~		Grou	ind Elevation			
Backfill placed from _	ft. to	ft.	Materia	1		Mater	rial	From	То	SWL
Gravel placed from _				gravel						
(6) CASING/LINE										
Diameter Fr		ge Steel	Plastic	Welded T	hreaded					
Casing:		🗆								
<u> 10 î 0 </u>	92	_ 🛮								└
		_ 🛚				see atta	ched	· · · · · · · · · - - , , 	-	
		_ 🗆							- 	
Liner:		_ 🛮						 		<u> </u>
Drive Shoe used In:	side Outside			Ц	U			·	+	
Final location of shoe(
(7) PERFORATIO	NS/SCREENS	5:							+	 -
☐ Perforations	Method								 	\vdash
Screens	Туре			eriai					 	\vdash
	lot ze Number D		Tele/pip size	e Casing	Liner				1	\vdash
				_ 🗆						
	<u> </u>		<u></u>	🗆						
(8) WELL TESTS:	Minimum te	sting time	e is 1 h			Date started 3 Oct	1955 Con	npleted <u>27</u>	Nov 195	6
• •		_	441	_ Flowi						
	Bailer	☐ Air	···· c*	☐ Artesi:						
	Drawdown	Drill ste		11		SOURCE OF D	ATA/INFO			
30		350		 ''	ш.	Water Rig	hts Ground	Water Ap	olication	n File
120	350 Ct 450 Ct				G-5133		1			
190		UCF	H			USGS Lo	cated Well			
Temperature of water_		-		Found						
Was a water analysis de		By whom				COMPILED BY	. Jan C-	ood)o		
Did any strata contain water not suitable for intended use?										
Salty Muddy Odor Colored Other					OWRD Hydrogeologist					
Depth of strata:						DATE: 13	1 200	,-		

UMAT 55441 55441

Moore & Anderson

WATER IS OUR BUSINESS

P.O. BOX 1036 1322 WEST PINE PHONE 2231 WALLA WALLA, WASHINGTON

CITY OF HELLY #1

OHN 33E- OCCAC

455110118392301

AMES BALL COUPLER

IRRIGATION SYSTEMS

MYRES & JACUZZI WATER SYSTEMS WELL DRILLING

right on Saut m

Swansow's map

	* o		tn . 1			then it stepsened
	LOG of WELL		1760'			
•		BOTTOM ALTITUDE	THICKNESS	DEPTH		
Dirt		1734'	u<26	26> TOPSOI	1 - 4 / V Ma	
Clay & Grave	T		46'<27	532	e norme	
Clay & Rock		1688 '	#\(\frac{1}{1}\)	53} PLUS	5	
Gray Slantin	g · Su TBG		146	118)		•
Black, some	water		iš	136		
Śtands .			169'{	130		
Red Rock	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1		101/13	149 MMTL	Candical	
Brown Clay &	Rock		26	175	disaged)	
Black Rock,	Some Clav	1579	(6	175) ? 181)	1 1 1 1 1 1	
Blue Clay, G	ravel, some So ue Soapstone	parstone	71	1925		ur.
Red Rock, Bl	ue Soapstone	1566	13 \ 2	101 MBTN	-LOCAL INTERBED	?
Black Rock	· · · · · · · · · · · · · · · · · · ·		/52	246-		
Green Rock			74 / 3	249)	
(Black, Clay	Streak		21	27Ó		
Grey Clay, G:	ravel		, 128	293		
(Brown Clay,	Rock	14561	34 6	304} ELBG		
Brown Rock,	Soapstone	7-7-2-0	78	382		
Green Rock	•		1 23	405		
Red Rock			23	409	,	
Black Rock			498 26	435	S FSPG-	
Grey, Black			42	477	/	
{Red Clay			14	491>	,	
Grey, Black			42	477	1	
{Red Clay			14	491 >		
Gray Black	•		41	532		
Black, Green			68	600	j	SWL 175
Black, Soft		•	14	614		SWL
Black, Green		1068'	78	692	:	
Boulders : Cla	ı y	***	152	844		
Yellow Clay		HOW?	. 206 6	950 (F	0	
Black, Clay	r_{Y}	FALL T GALGE!	88	938 VNT	5- 7	
Clay, Soapsto	one	742'	(80	1018		
Black	•		/42	1060\		
Water di	opped to 120'	from st	urface)		•
Grey, Black			10	1070		
Red Rock & Cl	Lay		6	1076>		
Grey, Black			177 (90	1166 \	· ~ .	
Water dr	opped to 175'	from su	ırfaçe	(601	3 D '	
Grey			11	1177	•	-
Red			1.6	1183		
. Red w/gray			1+	1187		
Grey, Black		565	8 /	1195		
Finished	11-27-56		\			
the state of the s						

55441

Moore & Anderson

WATER IS OUR BUSINESS

AMES BALL COUPLER IRRIGATION SYSTEMS MYRES & JACUZZI WATER SYSTEMS WELL DRILLING

P.O. BOX 1036 1322 WEST PINE PHONE 2231 WALLA WALLA, WASHINGTON

CITY of HELIX

Helix, Oregon

Started - Oct. 3, 1955

Finished - Nov. 27, 1956

Well is 10" in Diameter to 900 feet Well is 8" in Diameter to 1195 feet

Cementing

Pumping

1491	to	2981
3801 8501		5321
8501	to	

Well Pumped 30 GPM at 260' Well Pumped 70 GPM at 350' Well Pumped 120 GPM at 450' By Calculation 135 GPM at 480' By Calculation 145 GPM at 500' By Calculation 170 GPM at 550'

Casing

10" Line Pipe to 92'

Pump Test

9 hours continous

Finished 11-27-56

PUMP INSTALLATION RECORD

Customer - City of Helix
Town - Helix
State - Oregon
Pumping Level - 600'
Installation Date 5-24-57
Total Price - \$4963.30
Installed by - Gordon Hart and Bruce Frazie
Pump no. (Reda Submersible) # 63215
Dia. Drop Pipe - 4"
Length Drop Pipe - 600'
Dia. Well Pipes - 4"
Length Offset Pipes - 4"
Size Motor - 30 HP.
Type Current - 40 Amp. 3 Phase Pump
Remarks - 440 Volt, 1/4" Air Line, 4" Check Valve used

More & auterior