ER WELL REPORT a reverse rotary [] F. ( STATE OF OREGON AND Was used; From N	GEIVEBECEIVED	3)sf	365-	-adc
ler WWC 1/2/01 -	SOURCES DEET SOURCES	r Jan	n	1777
ER: Whiteborse Banch	(10) LOCATION OF WELL:	5		
	County Driller's well SW ½ SE ½ Section 2 T 37S	R.	36E	······································
Address City Fields State Oregon	<u>% % Section 1.</u>			<u></u>
City Fields 97710	Tax Lot # Lot Blk Whitehorse Ra		ubdivision	
(2) TYPE OF WORK (check):	Address at well location:			
New Well $\boxtimes$ Deepening $\square$ Reconditioning $\square$ Abandon $\square$ If abandonment, describe material and procedure in Item 12.       1	(11) WATER LEVEL: Completed w	<b>ell.</b> 9		
(3) TYPE OF WELL: (4) PROPOSED USE (check):	Depth at which water was first found Static level 57' ft. below la	und surfa	ce. Date	ft.
Refer V Air D Driven D Domestic D Industrial Municipal D	Artesian pressure lbs. pe	r square i	inch. Date	
Caule 🗌 Bored 🗌 Thermal: Withdrawal 🗌 Reinjection 🗌	(12) WELL LOG: Diameter of well below casing			
(5) CASING INSTALLED: Steel 🖄 Plastic 📋	Depth drilled ft. Depth of d	·····		ft.
$\begin{array}{c} (b) Children (c) (c) (c) (c) (c) (c) (c) (c) (c) (c)$	Formation: Describe color, texture, grain size and stru- thickness and nature of each stratum and aquifer pene- for each change of formation. Report each change in p and indicate principal water-bearing strata.	rated, w	ith at leas	t one entry
LINER INSTALLED:	MATERIAL	From	To	SWL
	Gravelly Soil	0	2	
	Coarse Gravel	2	10	
(6) PERFORATIONS: Perforated?  Ves  No	Boulders & Medium Sand	10	12	
Type of perforator used	Boulders and Medium Sand	12	25	······································
Size of perforations in. by in.	Boulders and Coarse Sand	25	38	
	Sand Stone (Light Color)	38	45	
perforations from ft. to ft.	Sandy Silt Stone (Mark Color)	45	65	
perforations from ft. to ft.	Basalt (Pink & Hard)	65	87	······································
(7) SCREENS: Well screen installed? A Yes INO	Cinders (Dark Gray)	87	101	
Manufacturer's Name Roscoe Moss	Basalt (Dark Gray)	101	105	· · · · · · · · · · · · · · · · · · ·
Type	Sand Stone w/Small Gravel			
Diam	(Light Color)	105	112	
Diam	Sand Stone (Light Color)	112	120	
(8) WELL TESTS: Drawdown is amount water level is lowered below static level	Sandy Clay (Light Color)	120		
	Sand Stone (Light Color)		153	
a pump test made?		153		
Yield: gal./min. with ft. drawdown after hrs.	Cemented Gravel	1588		
" (SEE ATTACHED)!!!!! "	Lava Boulders & Cinders	163		
Air test gal./min. with drill stem at ft. hrs.	Lava Boulders - Hard	183		······
Bailer test gal/min. with ft. drawdown after hrs.	Lava - Hard	193	197	
g.p.m.				
Temperature of water Depth artesian flow encountered ft.	Work started July 7, 19 81 Complete	d		19
(9) CONSTRUCTION: Special standards: Yes X No	Date well drilling machine moved off of well			19
Well seal—Material used Cement Grout	Drilling Machine Operator's Certification:			, •' *•
Well sealed from land surface to $0 - 42$ ft.	This well was constructed under my direct s			
Diameter of well bore to bottom of seal in.	and information reported above and true to my b	est knov	vledge ar	nd helief.
Diameter of well bore below seal28 in.	[Signed] [Mank Desterior]	Dat	9 <del>~</del> 3	, 19
	Drilling Machine Operator's License No14	38		
How was cement grout placed? Trem1 Pipe				
	Water Well Contractor's Certification:			
	This well was drilled under my jurisdiction the best of my knowledge and belief		is report	
Was pump installed? Type HP Depth ft.	the best of my knowledge and belief. Pete Cope Drilling Co, In Name	nc.		
Was a drive shoe used?  Yes X No Plugs	Page Box Dol-Meridian, Idaho 83642			
Did any strata contain unusable water?       ∑ Yes       □ No         Type of Water?       Surface       depth of strata       10-38	Address			1. Am IL
Plan and the Owner and the	[Signed]	W D	1/2/	hard
	791 (Water Well Contract	\$731		81 ~
Was well gravel packed? El Yes Do Size of gravel: MITHUS Gravel placed from	Contractor's License NoDate		•••••	, 19
			~	
NOTICE TO WATER WELL CONTRACTOR The original and first copy of this report are to be filed with the	WATER RESOURCES DEPARTMENT, SALEM, OREGON 97310 within 30 days from the date of well completion.		8	P*12658-690

- per www 1/2/81 was used; From - N	CEIVEDRECEJANED OV 27 1981 CCT 2 6 1981 State Permit No. WATER RESOURCES DEPT SALEM. OREGON (10) LOCATION OF WELL:	•	-30k	290		
(1) OWNER: Whitehorse Ranch	OV 27 1981 WATER RESOURCES DEPT RESOURCES DEPT RESOURCES DEPT SALEY, OREGON	•	102-1	2. pk		
(1) OWNER: Whitehorse Ranch	RESOURCES DEPT SALEY, OREGON	45				
(1) OWNER: Whitehorse Ranch	RESOURCES DEPT SALEY, OREGON	45				
(1) OWNER: Whitehorse Ranch	SALEN OREGON	45		1-2-20		
(1) OWNER: Whitehorse Ranch		1 40				
Whitehorse Ranch	I (10) LOCATION OF WELL:	1	17 -	0		
ivaine	County Harney Driller's well number					
Address						
City Fields State Oregon	Tax Lot #         Lot         Blk         Subdivision           Address at well location:         Whitehorse Ranch					
(2) <b>TYPE OF WORK (check):</b> 97710	Address at well location: Whitehorse Ranc					
New Well $\boxtimes$ Deepening $\square$ Reconditioning $\square$ Abandon $\square$		- 11				
If abandonment, describe material and procedure in Item 12.	(11) WATER LEVEL: Completed well.					
(3) TYPE OF WELL: (4) PROPOSED USE (check):	Depth at which water was first found ft.					
	Static level IL. below land surface. Date C 20 C2					
Rou ud 🗆 Dug 🔲 Irrigation 🗋 Test Well 🗆 Other 💷	,	1.7.2	508"I	<del>211-875</del>		
Cable 🗆 Bored 🗆 Thermal: Withdrawal 🗆 Reinjection 🗆	(12) WELL LOG: Depth drilled 1007 Diameter of well below casing					
(5) CASING INSTALLED: Steel  Plastic	Depth drilled 1007 ft. Depth of completed well 940 ft. Formation: Describe color, texture, grain size and structure of materials; and show					
Threaded 🗆 Welded 🗇	thickness and nature of each stratum and aquifer penet	rated, wi	th at leas	t one entry		
"Diam. from		osition o	Static W	ater Level		
LINER INSTALLED:	MATERIAL .	From	To	SWL		
	Pedalt Crow Hord	197	235			
	Claystone - White	235	272			
(6) PERFORATIONS: Perforated?  Yes No	Bašalt-Grey & Hard	272	306			
Type of perforator used	Basalt - Brown & Hard	306	323			
Size of perforations in. by in.	Basalt - Grey & Hard	323	366			
perforations from	Cinders - Red	366	372	W.B.		
	Dadare oreg a mare	372	513			
perforations from ft. to	Dasalt-Grey-Dille & Green Lor.	513	524	W.B.		
(7) SCREENS: Well screen installed?  Ves  No	<u>Cinders - Red</u>	524	531	W.B1		
Manufacturer's Name		531	542			
Type		542	677			
Diam. Slot Size Set from ft. to		677	721			
Diam. Slot Size	ft. Volcanic Rock-Grey Med. Volcanic Rock-Yellow Crumb	148	748 756			
(8) WELL TESTS: Drawdown is amount water lever is lowered below static level	Volcanic Rock-Med.Grey & Gree		794	W.B.		
wa pump test made? ZYes □ No If yes, by whom? Layne of Ida	ho Basalt-Grey Hard	794	812	·		
	Lava Rock-Lo.Brn.	812	982	W.B2		
	Lava Rock-Grey & White		1007			
	ITS.					
	11 <b>75.</b>					
sian flow g.p.m.						
Temperature of water Depth artesian flow encountered	Work started 7-23-81 19 Completed 8-^6-81 19					
(9) CONSTRUCTION Special standards: Yes 🗆 No 🗆	Date well drilling machine moved off of well 8-26	Date well drilling machine moved off of well 8-26-81 19				
Well seal—Material used	Drilling Machine Operator's Certification:					
Well sealed from land surface to	This well was constructed under my direct supervision. Materials used					
Diameter of well bore to bottom of sealin.		and information reported above are true to my best knowledge and belief. [Signed]				
Diameter of well bore below seal	(Drilling Machine Operator)					
Number of sacks of cement used in well seal	Drilling Machine Operator's License No					
How was cement grout placed?				··		
	This well was drilled under my inrightetion	n and th	is report	is true to		
	the best of my knowledge and belief.	This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.				
Was pump installed?	.ft. Name Pete Cope Drilling Co.,	Name Pete Cope Drilling Co., Inc.				
Was a drive shoe used?       I Yes       No       Plugs	. It. (Person, firmer corporation)	(Person, firmer corporation) (Type or print)				
Type of Water? depth of strata	- Address I	A H	/ //	, <del>M</del>		
Method of sealing strata off	[Signed]	tor	M.h.	and		
Was well gravel packed?  Ves No Size of gravel:		73/		,19.81		
Gravel placed from ft. to ft.						
NOTICE TO WATER WELL CONTRACTOR     The original and first copy of this report	WATER RESOURCES DEPARTMENT, SALEM, OREGON 97310			SP*12658-690		

The original and first copy of this report are to be filed with the

SALEM, OREGON 97310 within 30 days from the date of well completion.

## LAYNE OF IDAHO, INC.

P.O. BOX 1005



November 17, 1981

NAMPA, IDAHO 83651 amer FN NOV 27 1981 WATER RESOU CES DEPT SALEM, OREGON

15/36E-296

20-White ho Ranch

Pete Cope Drilling P.O. Box 561 Meridian, Idaho 83642

Re; White Horse Ranch Well Test

Dear Pete,

Here is the results of the well test we performed on 9/8-9/81 on the above well.

Well is 20" to 200" - 16" to 500" - 12" to 1000" Static is 38' Installed 400' of 8" Column and pump

636 GPM 105' Pumped 125' 800 11 1100 11 145 1613 11 1781 11 2401 1689 260' Cascading water 1893 11

Very clean well

If we can be of further service please let us know.

Sincerely,

Norman D. Webb President

NDW:wc