

**RECEIVED**  
MAY 17 1961

**WATER WELL DRILLERS REPORT**  
STATE OF OREGON

Do Not State Well No. 37/36-10M(17)  
Fill In State Permit No. RE G1467

(1) OWNER: W. Stahorse Ranch  
Name Paul C. Stewart  
**STATE ENGINEER**  
**SALEM, OREGON**  
Address Andrews, Oregon

**OBSERVATION WELL**

(2) LOCATION OF WELL: Willow Creek  
County Harney Owner's number, if any - # 2  
R. F. D. or Street No. \_\_\_\_\_  
Bearing and distance from section or subdivision corner NW 1/4 SW 1/4 Sec 10 T. 37 R. 36 E. W.M. South & East from the W 1/2 Sec. 10 S 33 Deg. E. 1570 feet from the W 1/2 Corner of Section 10

(3) TYPE OF WORK (check):  
New well  Deepening  Reconditioning  Abandon   
If abandonment, describe material and procedure in Item 11.

(4) PROPOSED USE (check):  
Domestic  Industrial  Municipal   
Irrigation  Test Well  Other

(5) EQUIPMENT:  
Rotary   
Cable   
Dug Well

(6) CASING INSTALLED:

FROM	ft. to	Diam.	Gage or Wall	Diameter of Bore	from ft.	to ft.
0	81	16"				
"	"	"	"	"	"	"
"	"	"	"	"	"	"
"	"	"	"	"	"	"
"	"	"	"	"	"	"
"	"	"	"	"	"	"

Type and size of shoe or well ring Reg.  
Describe joint Welded

(7) PERFORATIONS:

FROM	ft. to	ft.	in., length, by	in.
			perf per foot	No. of rows
			" " "	" " "
			" " "	" " "
			" " "	" " "

SCREENS: None  
Give Manufacturer's Name, Model No. and Size

(8) CONSTRUCTION:  
Was a surface sanitary seal provided?  Yes  No To what depth 5 ft.  
Were any strata sealed against pollution?  Yes  No  
If yes, note depth of strata  
FROM \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

METHOD OF SEALING Cement

(9) WATER LEVELS:  
Depth at which water was first found 6 ft.  
Standing level before perforating 40 ft.  
Standing level after perforating No perforations ft.  
Log Accepted by \_\_\_\_\_  
[Signed] Paul C. Stewart Owner Dated 5/10, 1961

(10) WELL TESTS: Palma Water lifting Co.  
Was a pump test made?  Yes  No If yes, by whom?  
Yield: 1500 gal./min. with 124 ft. draw down after No hrs.  
" " " " "  
" " " " "  
" " " " "  
Artesian flow None g.p.m.  
Shut-in pressure No lbs. per square inch.  
Baller test None g.p.m. with \_\_\_\_\_ ft. drawdown  
Temperature of water 68 Was a chemical analysis made?  Yes  No  
Was electric log made of well?  Yes  No

(11) WELL LOG:

Diameter of well,	inches.	Total depth	ft.	Depth of completed well	ft.
	<u>16</u>	<u>590</u>		<u>590</u>	
Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.					
0 ft. to	6 ft.	Top soil gravel seep water			
6 "	50 "	Cement gravel, brown clay			
50 "	167 "	Iron bearing Basalt Water 132'			
167 "	182 "	Gray Shale			
182 "	185 "	Green shale with broken basalt			
185 "	189 "	Gray shale " " "			
189 "	205 "	" " "			
205 "	220 "	Green Shale			
220 "	240 "	Yellow Shale			
240 "	350 "	Green Shale			
350 "	370 "	Green sandy shale Water 370'			
370 "	385 "	Green clay broken basalt			
385 "	425 "	" Shale " "			
425 "	446 "	Green hard shale			
446 "	455 "	Green clay cemented gravel			
455 "	466 "	Green shale			
466 "	467 "	Hard green shale			
467 "	468 "	Hard light green shale			
468 "	480 "	" gray sandy shale			
480 "	492 "	Gravel and cemented-Shale			
492 "	500 "	Gray shale			
500 "	505 "	Light gray shale			
505 "	554 "	Green Shale			
554 "	572 "	Gray shale & Cinderrock			
572 "	590 "	Gray clay with colored gravel			
"	"	Water			
"	"	"			
"	"	"			

Ground elevation at well site APP. 4200 feet above mean sea level.  
Work started 19 , Completed 19

Well Driller's Statement:  
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.  
NAME H.C. Cunningham  
(Person, firm, or corporation) (Typed or printed)  
Address Crane, Oregon  
Driller's well number XXX  
[Signed] H.C. Cunningham  
(Well Driller)  
License No. 271 Dated 5-10, 1961