The original and first copy of this report are to be filed with the STATE ENGINEER, SALEM, OREGON 97310 within 30 days from the date of well completion.

RECEIVED
MAR 22 1979
WATER RESOURCES DEPT.
SALEM, OREGON

WATER WELL REPORT
STATE OF OREGON
(Please type or print)
(Do not write above this line)

Copy WALL 2461

State Well No. 1/46-8 AZ CA

State Permit No.

(1) OWNER:
Name: Chas. Stertz
Address: Circle M Cattle Co.
Imnaha, Ore.

(2) TYPE OF WORK (check):
New Well ☒ Deepening ☐ Reconditioning ☐ Abandon ☐
If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:
Rotary ☒ Driven ☐
Cable ☐ Jetted ☐
Dug ☐ Bored ☐

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

CASING INSTALLED:
Threaded ☐ Welded ☒
12 " Diam. from 0 ft. to 65 ft. Gage .250
" Diam. from ft. to ft. Gage
" Diam. from ft. to ft. Gage

PERFORATIONS:
Perforated? ☐ Yes ☒ No
Type of perforator used
Size of perforations in. by in.
perforations from ft. to ft.
perforations from ft. to ft.
perforations from ft. to ft.

(7) SCREENS:
Well screen installed? ☐ Yes ☒ No
Manufacturer's Name
Type Model No.
Diam. Slot size Set from ft. to ft.
Diam. Slot size Set from ft. to ft.

(8) WELL TESTS:
Drawdown is amount water level is lowered below static level
Was a pump test made? ☒ Yes ☐ No If yes, by whom? Farmore Pump Co.
Yield: 630 gal./min. with ft. drawdown after 6 hrs.
" " "
" " "
Bailer test gal./min. with ft. drawdown after hrs.
Artesian flow g.p.m.
Temperature of water Depth artesian flow encountered ft.

(9) CONSTRUCTION:
Well seal—Material used Neat cement
Well sealed from land surface to 65 ft.
Diameter of well bore to bottom of seal 16 in.
Diameter of well bore below seal 12 in.
Number of sacks of cement used in well seal 30 sacks
Number of sacks of bentonite used in well seal sacks
Brand name of bentonite
Number of pounds of bentonite per 100 gallons of water lbs./100 gals.
Was a drive shoe used? ☐ Yes ☒ No Plugs Size: location ft.
Did any strata contain unusable water? ☐ Yes ☒ No
Type of water? depth of strata
Method of sealing strata off
Was well gravel packed? ☐ Yes ☒ No Size of gravel:
Gravel placed from ft. to ft.

(10) LOCATION OF WELL:
County Waalowa Driller's well number 010-77
SE ¼ SW ¼ Section 8 T. 1 S. R. 46 E. W.M.
Bearing and distance from section or subdivision corner

(11) WATER LEVEL: Completed well.
Depth at which water was first found 314 ft.
Static level 216 ft. below land surface. Date 6/20/77
Artesian pressure lbs. per square inch. Date

(12) WELL LOG:
Diameter of well below casing 12" to 500 8" to 908
Depth drilled 908 ft. Depth of completed well 908 ft.

Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. *Report each change in position of Static Water Level and indicate principal water-bearing strata.*

MATERIAL	From	To	SWL
Black clay	0	22	
Red Clay	22	51	
Brown basalt	51	170	
Red basalt	170	182	
Grey basalt	182	245	
Hard grey basalt	245	314	
Broken red basalt	314	322	Wtr
Grey basalt	322	370	
Med. hard grey basalt	370	587	
Red basalt	587	612	
Med. hard grey basalt	612	786	
Broken red basalt	786	792	Wtr
Hard grey basalt	792	813	
Med. hard grey basalt	813	865	
Hard grey basalt	865	889	
Gravel, sand, caving	889	908	Wtr

Work started 5/25 19 77 Completed 6/17 19 77
Date well drilling machine moved off of well 6/17 19 77

Drilling Machine Operator's Certification:
This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.
[Signed] Wallace (Drilling Machine Operator) Date 6/24, 19 77
Drilling Machine Operator's License No. 886

Water Well Contractor's Certification:
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.
Name Wallace Well Drilling Co. (Person, firm or corporation) (Type or print)
Address Pendleton, Ore.
[Signed] Wallace (Water Well Contractor)
Contractor's License No. 583 Date 6/24, 19 77

(USE ADDITIONAL SHEETS IF NECESSARY)

SP*45656-119