

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

RECEIVED
STATE OF OREGON
OCT 12 1978
(Please type or print)

WATER RESOURCES DEPT.
SALEM, OREGON

WALL

264

State Well No. 15
#146E-3169
State Permit No.

(1) OWNER:

Name CIRCLE M CATTLE CO.
Address 1 MAHA, OR.

(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:

12" Diam. from 0 ft. to 22 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?

Yield: gal./min. with ft. drawdown after hrs.
EST. 700 GPM/AIR LIFT

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 22 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 25 sacks
How was cement grout placed?

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 WALLOWA Driller's well number 019-78
NE 1/4 NW 1/4 Section 31 T. 15 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 630 ft.
Static level 597 ft. below land surface. Date 9-21-78
Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

12" to 897 ft.
Diameter of well below casing 8" BELOW

Depth drilled 1586 ft. Depth of completed well 1586 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
GREY BASALT	0	35	
BROKEN RED + BRN. "	35	105	
BROWN + RED BASALT	105	580	
BROKEN GREY "	580	630	water
SOFT GREY "	630	695	
BROKEN GREY + RED "	695	845	
MED. HARD GREY "	845	1005	
BROKEN RED "	1005	1020	
HARD GREY "	1020	1155	
BROKEN BRN. + GREY "	1155	1357	water
BROKEN GREY + BASALT	1357	1496	water
MED. GRAY BASALT	1496	1586	

Work started 8-31 1978 Completed 9-21 1978

Date well drilling machine moved off of well 9-21 1978

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] E. Wallace Date 9-28, 1978
(Drilling Machine Operator)

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, OR.

[Signed] E. Wallace
(Water Well Contractor)

Contractor's License No. 583 Date 9-28, 1978