

JAN 31 1975

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

STATE OF OREGON
STATE ENGINEER (Please type or print)
SALEM, OREGON (Do not write above this line)

STATE ENGINEER
SALEM, OREGON

State Well No. 23S/32E-13cd
State Permit No. Harney 561

(1) OWNER:

Name H.F. SLOAN c/o Meadowland Ranch
Address 2485 West Main
Littleton, Colorado 80120

(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 ☒
16" Diam. from 0 ft. to 170 ft. Gage 250
12" Diam. from 170 ft. to 312 ft. Gage 250
" Diam. from ft. to ft. Gage

PERFORATIONS:

Perforated? ☐ Yes ☒ No.
Type of perforator used Factory
Size of perforations 3/16 in. by 3 in.
2900 perforations from 20 ft. to 312 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.
N/O TEST MADE
Baller 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 Cement
Well sealed from land surface to 20 ft.
Diameter of well bore to bottom of seal 32 in.
Diameter of well bore below seal 24 in.
Number of sacks of cement used in well seal 10 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: 3/8"
Gravel placed from 0 ft. to 312 ft.

(10) LOCATION OF WELL:

County Harney Driller's well number
SE 1/4 SW 1/4 Section 13 T. 23S R. 32E W.M.
Bearing and distance from section or subdivision corner
45.3' South and 36.7' East of NW corner

(11) WATER LEVEL: Completed well.

Depth at which water was first found 10 ft.
Static level 10 ft. below land surface. Date 8-16-74
Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing 24
Depth drilled 312 ft. Depth of completed well 312 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
Top soil	1	9	
Fine sand	9	15	10
Blue clay	15	32	10
Cinders	32	34	10
Blue clay	34	72	10
Fine silty sand	72	74	10
Blue and green clay	74	102	10
Cinders and sand	102	112	10
Fine silty sand	112	116	10
Blue clay	116	162	10
Cinders	162	164	10
Green clay	164	170	10
Multi-colored rocks	170	172	10
Gray pumice and rock layer	172	244	10
Green clay	244	255	10
Silty sand	255	260	10
Gray clay	260	282	10
Pumice mixed w/sand	282	312	10

Work started 8-14 1974 Completed 8-16 1974
Date well drilling machine moved off of well 8-16 1974

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] Jeffrey S. Linn Date 8-16, 1974
(Drilling Machine Operator)

Drilling Machine Operator's License No. 532

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 Western Drilling Co.
(Person, firm or corporation) (Type or print)

Address P.O. Box 751 Burns, Oregon 97720

[Signed] John W. McElroy
(Water Well Contractor)

Contractor's License No. 426 Date 8-16, 1974