

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

(Do not write above this line)

RECEIVED

MAY 19 1975

State Well No. 345-31E-3

State Permit No.

STATE ENGINEER
SALEM, OREGON

(1) OWNER:

Name REX CLEMENS
Address DIAMOND ORE 97723

(2) TYPE OF WORK (check):

New Well ☒ Deepening ☐ Reconditioning ☐ Abandon ☐

If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Rotary ☒ Cable ☐ Plug ☐ Driven ☐ Jetted ☐ Bored ☐ Domestic ☐ Industrial ☐ Municipal ☐ Irrigation ☒ Test Well ☐ Other ☐

(4) PROPOSED USE (check):

Domestic ☐ Industrial ☐ Municipal ☐ Irrigation ☒ Test Well ☐ Other ☐

CASING INSTALLED:

Threaded ☐ Welded ☒
14" Diam. from 0 ft. to 6.85 ft. Gage 1/4"
24" Diam. from 0 ft. to 20 ft. Gage 1/4"
" Diam. from ft. to ft. Gage

PERFORATIONS:

Perforated? ☒ Yes ☐ No

Type of perforator used MILL CUT
Size of perforations 1/8 in. by 3 in.
360 perforations from 3.75 ft. to 6.15 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?
ld: 1500 gal./min. with 38 ft. drawdown after 10 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 Puddled Bentonite
Well sealed from land surface to 20' ft.
Diameter of well bore to bottom of seal 20 in.
Diameter of well bore below seal 20 in.
Number of sacks of cement used in well seal NONE sacks
Number of sacks of bentonite used in well seal UNKNOWN sacks
Brand name of bentonite WYOMING
Number of pounds of bentonite per 100 gallons
of water UNKNOWN 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: 3/4 M.M.
Gravel placed from 0 ft. to 6.85 ft.

(10) LOCATION OF WELL:

County HARNEY Driller's well number 232
NE 1/4 SW 1/4 Section 3 T. 34S R. 31E W.M.

Bearing and distance from section or subdivision corner

NEAR NORTH LINE, ABOUT 50' WEST
OF EAST LINE

(11) WATER LEVEL: Completed well.

Depth at which water was first found 187 ft.

Static level 60 ft. below land surface. Date Aug 15-73

Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing NONE

Depth drilled 685 ft. Depth of completed well 685 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	0	8	
CLAY BROWN	8	39	
CLAY BLUE	39	187	
GRAVEL FINE	187	203	60
CLAY BL	203	422	"
SAND FINE	422	441	"
CLAY BL	441	503	"
SAND FINE	503	521	"
CLAY BL	521	588	"
SAND FINE	588	605	"
CLAY BL	605	632	"
GRAVEL FINE	632	644	"
CLAY BL	644	658	"
GRAVEL FINE	658	675	"
CLAY BL	675	685	"

Work started Aug 1 19 73 Completed Sept 8 19 73

Date well drilling machine moved off of well Sept 8 19 73

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] J. L. McGuire Date Sept 10, 1973
(Drilling Machine Operator)

Drilling Machine Operator's License No. 81

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 McGUIRE DRILLING CO
(Person, firm or corporation) (Type or print)

Address RT 5 CALDWELL IDAHO 83605

[Signed] J. L. McGuire
(Water Well Contractor)

Contractor's License No. 383 Date Sept 15, 19 73