WATER WELL REPORT
STATE OF OREGON

DESC 530

RECEIVED
NOV 3 1980
WATER RESOURCES DEPT
SALEM, OREGON

State Well No. 18s/12e-30ba

State Permit No. .....

Page 1

(1) OWNER:

Ore. Corp

Name Deschutes Development Co. Inc.

Address P.O. Box 1251 Bend, Ore

City ..... State .....

(2) TYPE OF WORK (check):

New Well ☒ Deepening ☐ Reconditioning ☐ Abandon ☐

If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Rotary Air ☒ Driven ☐
Rotary Mud ☐ Dug ☐
Cable ☐ Bored ☐

(4) PROPOSED USE (check):

Domestic ☐ Industrial ☐ Municipal ☐
Irrigation ☐ Test Well ☐ Other comm
Thermal: Withdrawal ☐ Reinjection ☐

(5) CASING INSTALLED:

Steel ☒ Plastic ☐
Threaded ☐ Welded ☒

10" Diam. from +1½ ft. to 25½ ft. Gauge .250

" Diam. from ..... ft. to ..... ft. Gauge .....

LINER INSTALLED:

8" Diam. from + 2 ft. to 338 ft. Gauge .188

8" "pushed" to 10" & welded at +1½

(6) 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? Owner

Yield: 60 gal./min. with ☒ ft. drawdown after ☒ hrs.

" " " "

test gal./min. with drill stem at ft. hrs.

Bailer test gal./min. with ft. drawdown after hrs.

Artesian flow g.p.m.

Temperature of water 53 Depth artesian flow encountered ..... ft.

(9) CONSTRUCTION:

Special standards: Yes ☐ No ☒

Well seal—Material used cement

Well sealed from land surface to 25½ ft.

Diameter of well bore to bottom of seal 14 in.

Diameter of well bore below seal 10 & 8 in.

Number of sacks of cement used in well seal 15 sacks

How was cement grout placed? pumped from 24 to 0

Was pump installed? Yes Type ..... HP 10 Depth 430 ft.

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 Deschutes Driller's well number

NE ¼ NW ¼ Section 30 T. 18S R. 12E W.M.

Tax Lot # 5300 R1 Lot Blk Subdivision

Address at well location: Northly 500' of said tax lot

(11) WATER LEVEL: Completed well.

Depth at which water was first found 388 ft.

Static level 403 ft. below land surface. Date 9/25/80

Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing 8

Depth drilled 450 ft. Depth of completed well 443 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
brn sand	0	2	
gray basalt	2	83	
no return med drilling	83	93	
gray basalt	93	102	
no return-2yds concrete 34-122)	102	126	
gray basalt	126	132	
brn ss congl fine	132	143	
gray basalt	143	163	
brush gray tuff	163	196	
blk cinders(caving)2 yds 105-219	196	219	
gray basalt	219	257	
redish brn congl	257	270	
tan conglmed	270	281	
gray basalt	281	303	
brn ss congl	303	314	
red cinders caving-4 yds 275-337)	314	335	
gray basalt	335	348	
log cont			403

Work started 8/26 1980 Completed 9/25 1980

Date well drilling machine moved off of well 9/25 1980

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] John V. Johnson (Drilling Machine Operator) Date 10/22, 1980

Drilling Machine Operator's License No. 1039

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 Johnson Well Drilling (Person, firm or corporation) (Type or print)

Address 3626 NW Coyner Redmond, Ore

[Signed] John V. Johnson (Water Well Contractor)

Contractor's License No. 595 Date 10/22, 1980

NOTICE TO WATER WELL CONTRACTOR
The original and first copy of this report are to be filed with the

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

SP*12658-690

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red cinders	348	354	
blk cinders 2 yds-322-390)	354	365	
red cinders	365	388	
gray basalt (WB)	388	431	403
gray cinder gravel (WB)	431	439	
lt tan congl (WB)	439	443	
gray basalt (WB)	443	450	

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