

WATER WELL REPORT
STATE OF OREGON

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SEP 02 1981

State Well No. 245/29E-13bb

WATER RESOURCES DEPT
SALEM, OREGON

State Permit No. _____

788

(1) OWNER:

Name JOHN W. WILSON
Address 440 W. HAYES
City BURNS State 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 Air Driven Domestic Industrial Municipal
Mud Dug Irrigation Test Well Other
 Bored Thermal Withdrawal Reinjection

(4) PROPOSED USE (check):

(5) CASING INSTALLED:

Steel Plastic
Threaded Welded

12" Diam. from 0 ft. to 58 ft. Gauge 1/4" THICK.
" Diam. from _____ ft. to _____ ft. Gauge _____

LINER INSTALLED:

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

(6) PERFORATIONS:

Perforated? Yes No

Type of perforator used ACETYLENE TORCH

Size of perforations 1/8 in. by 6 in.

_____ perforations from 38 ft. to 58 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

_____ a pump test made? Yes No If yes, by whom?

Yield: _____ gal./min. with _____ ft. drawdown after _____ hrs.

" " " " " "

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

Bailer test 200 gal./min. with 0 ft. drawdown after 1 hrs.

_____ g.p.m.

Temperature of water APPROX 40° Depth artesian flow encountered _____ ft.

(9) CONSTRUCTION:

Special standards: Yes No

Well seal—Material used CEMENT + WATER

Well sealed from land surface to 18 ft.

Diameter of well bore to bottom of seal 2.5 in.

Diameter of well bore below seal 1 1/2 in.

Number of sacks of cement used in well seal 20 sacks

How was cement grout placed? POURED BY HAND

FROM THE BOTTOM UP

Was pump installed? NO Type _____ HP _____ Depth _____ 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 HARNEY Driller's well number _____

N.W. 1/4 N.W. 1/4 Section 13 T. 245 R. 29 E W.M.

Tax Lot # _____ Lot _____ Blk _____ Subdivision _____

Address at well location: _____

(11) WATER LEVEL: Completed well.

Depth at which water was first found 41 ft.

Static level 31 ft. below land surface. Date 8/30/81

Artesian pressure _____ lbs. per square inch. Date _____

(12) WELL LOG:

Diameter of well below casing 1 1/2"

Depth drilled 210 ft. Depth of completed well 210 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
FINE TOP SOIL	0	12'	
BLKS-SAND FRAGMENTS	12'	15'	
GRAVEL BEARING CLAY	15'	21'	
BROWN CLAY WITH SAND	21'	27'	
COARSE SAND	27'	40'	
WATER BEARING SAND	40'	45'	40'
CLAY + SMALL GRAVEL	45'	55'	"
GREEN CLAY + SAND	55'	90'	"
DRY BROWN CLAY + SAND	90'	172'	"
BROWN CLAY + GRAVEL	172'	195'	31'
GREY CLAY + GRAVEL	195'	210'	31"
SOLID ROCK	210'		

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Work started 5/11 1981 Completed 8/30 1981
Date well drilling machine moved off of well 8/30/81 1981

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 W. Wilson Date 9/10, 1981
(Drilling Machine Operator)

Drilling Machine Operator's License No. _____

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 _____
(Person, firm or corporation) (Type or print)

Address _____

[Signed] _____
(Water Well Contractor)

Contractor's License No. _____ Date _____, 1981

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.

SP12658-690