

The original and first copy of this report are to be filed with the

STATE ENGINEER, SALEM, OREGON 97310

within 30 days from the date of well completion.

UMAT 3058

WATER WELL REPORT

STATE OF OREGON

(Please type or print)

(Do not write above this line)

RECEIVED

MAR 9 - 1976

SALEM, OREGON

State Well No.

State Permit No.

U-620

HW/3HE-32

(1) OWNER:

Name Quentin Rugg
Address P. O. Box 475
Athena, Ore. 87813

(2) TYPE OF WORK (check):

New Well [ ] Deepening [ ] Reconditioning [X] Abandon [ ]

If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Rotary [ ] Driven [ ]
Cable [ ] Jetted [ ]
Pug [ ] Bored [ ]

(4) PROPOSED USE (check):

Domestic [ ] Industrial [ ] Municipal [ ]
Irrigation [X] Test Well [ ] Other [ ]

(5) CASING INSTALLED:

16" Diam. from 0 ft. to 46 ft. Gage 281
Threaded [ ] Welded [X]

PERFORATIONS:

Perforated? [ ] Yes [X] No

Type of perforator used

Size of perforations in. by in.
perforations from ft. to ft.

(7) SCREENS:

Well screen installed? [ ] Yes [X] No

Manufacturer's Name
Type Model No.
Diam. Slot size Set from ft. to ft.

(8) WELL TESTS:

Drawdown is amount water level lowered below static level

Was a pump test made? [X] Yes [ ] No
Yield: 1570 gal./min. with 350 ft. drawdown after 4 hrs.
1404 " 304 " 2 "
1080 " 188 " 2 "

Bailer test gal./min. with ft. drawdown after hrs.
Artesian flow g.p.m.
Temperature of water 72 Depth artesian flow encountered ft.

(9) CONSTRUCTION:

Well seal-Material used cement grout
Well sealed from land surface to 46 ft.
Diameter of well bore to bottom of seal 16x20 in.
Diameter of well bore below seal 15 in.
Number of sacks of cement used in well seal 6 yds.
Number of sacks of bentonite used in well seal none
Brand name of bentonite
Number of pounds of bentonite per 100 gallons of water lbs./100 gals.
Was a drive shoe used? [ ] Yes [X] 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 [X] No Size of gravel:
Gravel placed from ft. to ft.

(10) LOCATION OF WELL:

County Umatilla Driller's well number
1/4 1/4 Section 32 T.4N R. 34E W.M.
Bearing and distance from section or subdivision corner

(11) WATER LEVEL: Completed well.

Depth at which water was first found ft.
Static level 71 ft. below land surface. Date 2/10/76
Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing 15"
reamed 502 ft. Depth of completed well 1120 ft.
original

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.

Table with columns: MATERIAL, From, To, SWL. Rows include Top soil, Broken brown rock, Grey basalt, Porous black basalt, Brkn. rock & clay, Broken black basalt, brown basalt&clay, black basalt, brown basalt & clay, Porous black basalt, Black basalt, Broken black basalt, Porous, Black basalt, Brown, Black.

This well was 10" to 1120 ft. we reamed top to 502 feet
Work started 10/13 1975 Completed 2/10/ 1976
Date well drilling machine moved off of well 2/16/76 19

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] Glenn L. Parr Date 3/5, 1976
(Drilling Machine Operator)
Drilling Machine Operator's License No. 545

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 D. K. "DON" Smith (Type or print)
Address RT. 1 Box 116 Milton-Freewater Ore. 97862
[Signed] D.K. Smith (Water Well Contractor)
Contractor's License No. 204 Date 3/5/76, 19