

**(1) OWNER: STATE ENGINEER**

Name TOWN OF PILOT ROCK OREGON

Address Pilot Rock, Oregon

Arthur

**(2) LOCATION OF WELL:**

County Umatilla

Owner's number, if any— 2

R. F. D. or Street No. \_\_\_\_\_

Bearing and distance from section or subdivision corner

N 11°13' 35" W a distance of 3,155.85 feet  
from the NE corner of Section 20, Township  
1 S, Range 32 EWM

**(3) TYPE OF WORK (check):**

New well  Deepening  Reconditioning  Abandon   
abandonment, describe material and procedure in Item 11.

**(4) PROPOSED USE (check):**

Domestic  Industrial  Municipal   
Irrigation  Test Well  Other

**(5) EQUIPMENT:**

Rotary   
Cable   
Dug Well

**CASING INSTALLED:**

aded  Welded

FROM	ft. to	ft.	Diam.	Gage or Wall	Diameter of Bore	from ft.	to ft.
"	0	"	26"	6"	16" 3/8	"	"
"	"	"	"	"	"	"	"
"	0	"	101' 6"	"	12" 3/8	"	"
"	"	"	"	"	"	"	"
"	"	"	"	"	"	"	"

Type and size of shoe or well ring \_\_\_\_\_

Describe joint \_\_\_\_\_

**(7) PERFORATIONS:**

Type of perforator used none

SIZE	of perforations	in., length, by	in.
FROM	ft. to	ft.	No. of rows
"	"	"	" " "
"	"	"	" " "
"	"	"	" " "

**SCREENS:**

Give Manufacturer's Name, Model No. and Size

none

**(8) CONSTRUCTION:**

Was a surface sanitary seal provided?  Yes  No To what depth 101 ft.

Were any strata sealed against pollution?  Yes  No

If yes, note depth of strata 0-101'

FROM \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

" " " " " "

METHOD OF SEALING Cement

**(9) WATER LEVELS:**

Depth at which water was first found 235'-235 ft.

Standing level before perforating \_\_\_\_\_ ft.

Standing level after perforating \_\_\_\_\_ ft.

Log Accepted by:

[Signed] D. J. [Signature] Dated 8/20 1956  
Mayor, Town of Pilot Rock

**(10) WELL TESTS: OBSERVATION WELL**

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

Yield: 450 gal./min. with 193 ft. draw down after 4 hrs.

" " " " " "

" " " " " "

Artesian flow 10 g.p.m.

Shut-in pressure \_\_\_\_\_ lbs. per square inch.

Bailer test \_\_\_\_\_ g.p.m. with \_\_\_\_\_ ft. drawdown

Temperature of water 64 Was a chemical analysis made?  Yes  No

Was electric log made of well?  Yes  No

**(11) WELL LOG:**

Diameter of well, 12 inches.

Total depth 486 ft. Depth of completed well 486 ft.

Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.

0 ft. to	4 ft.	Formation
0	4	Brown soil
4	9	Broken rock & brown clay
9	15	Cement gravel
15	17	Broken rock cavey
17	25	Cement gravel
25	26	Broken basalt, hard grey
26	35	Grey basalt
35	45	Broken basalt
45	50	Broken black basalt
50	51	Hard basalt
51	55	Brown basalt
55	60	Grey basalt
60	62	Black basalt
62	77	Grey basalt
77	80	Brown basalt
80	112	Grey basalt
112	132	Red rock
132	142	Broken brown basalt
142	232	Black basalt
232	235	Broken brown basalt (water bearing)
235	272	Grey basalt
272	299	Broken brown basalt (water bearing)
299	347	Grey basalt
347	352	Broken brown basalt
352	377	Brown basalt
377	430	Black basalt
430	460	Broken brown basalt (water bearing)
460	462	Grey basalt
462	486	Brown basalt (water bearing)

Ground elevation at well site 1664 feet above mean sea level.

Work started 12/12/55 19, Completed 3/5/56 19

**Well Driller's Statement:**

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME D. K. Smith

(Person, firm, or corporation) (Typed or printed)

Address 1013 N. Clinton, Walla Walla, Washington

Driller's well number \_\_\_\_\_

[Signed] D. K. Smith  
(Well Driller)

License No. \_\_\_\_\_ Dated 8/10/56, 19\_\_\_\_\_

STATE ENGINEER  
Salem, Oregon

State Well No. 1/32-17 K(1)

County Umatilla

Application No. \_\_\_\_\_

### Water Level Record

OWNER: City of Pilot Rock OWNER'S NO. #2

Description of measuring point: Owner's Pressure Gage - Length of Airline  
230 feet (too long for static levels)

Date	Water Level Feet (above) (below) Land Surface	Remarks	Date	Water Level Feet (above) (below) Land Surface	Remarks
8-26-61	4* - 9.2'	WSB			
11-8-61	4.5* - 10.4'	RD#WSB			

REMARKS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_