

ORIGINAL  
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WATER WELL DRILLERS REPORT  
STATE OF OREGON

Do Not State Well No. 1/3W  
Fill In State Permit No. 2541-1

8069  
M. Kirk!

(1) OWNER:  
Name OREGON STATE PENITENTIARY  
Address STATE STREET SALEM, ORE.

(2) LOCATION OF WELL: #4  
County Marion Owner's number, if any \$4  
R. F. D. or Street No. 2605 State Street  
Bearing and distance from section or subdivision corner  
2059.2 North and 2653.2 ft. West from the SE corner of Section 25 T7S R3W (within NE 1/4 of SW 1/4 of Sec. 25)

(3) TYPE OF WORK (check):  
Well  Deepening  Reconditioning  Abandon   
Comment, describe material and procedure in Item 11.

PROPOSED USE (check):  
Domestic  Industrial  Municipal   
Irrigation  Test Well  Other  Rotary   
Cable   
Dug Well

(5) EQUIPMENT:

Rotary   
Cable   
Dug Well

CASING INSTALLED:

FROM	ft. to	ft.	Diam.	Gage or Wall
"	0	166	12	5/16
"	"	"	"	"
"	"	"	"	"
"	"	"	"	"
"	"	"	"	"

If gravel packed

Diameter of Bore	from ft.	to ft.
"	"	"
"	"	"
"	"	"
"	"	"
"	"	"

Type and size of shoe or well ring  
Describe joint

(7) PERFORATIONS:

Type of perforator used	SIZE of perforations	in.	length, by	in.	No. of rows
<u>Mills</u>	FROM 23 ft. to 50 ft.	3	8	27	"
"	" 50 " 70 "	12	"	20	"
"	" 70 " 162 "	8	"	90	"
"	"	"	"	"	"
"	"	"	"	"	"

SCREENS:

Give Manufacturer's Name, Model No. and Size

CONSTRUCTION:

Was a surface sanitary seal provided?  Yes  No To what depth        ft.  
Were any strata sealed against pollution?  Yes  No  
If yes, note depth of strata  
FROM 7 ft. to 20 ft.

METHOD OF SEALING

Clay

(9) WATER LEVELS:

Depth at which water was first found 20 ft.  
Standing level before perforating 30 ft.  
Standing level after perforating 23 ft.

Log Accepted by:

[Signed] Oregon State Pen. Dated 11-18-55, 1955

M. E. Jones

(10) WELL TESTS:

Was a pump test made?  Yes  No If yes, by whom?  
Yield: 475 gal./min. with 210 ft. draw down after 8 hrs.  
" " " "  
" " " "  
Artesian flow        g.p.m.  
Shut-in pressure        lbs. per square inch.  
Bailer test        g.p.m. with        ft. drawdown  
Temperature of water 57 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 275 ft. Depth of completed well 275 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.

ft. to	ft.	
0	7	soil
7	14	clay with a little gravel
14	20	clay
20	27	loose gravel
27	35	cement gravel
35	51	Cemented gravel - smaller
51	70	Dirty gravel. Lots of water
70	135	compact gravel, very tight
135	150	clay mixed with gravel
150	168	decomposed rock. Hard.
168	202	Basalt rock. Some breaks.
202	207	Basalt 207-207 1/2 (Soft layer)
207	210	Basalt
210	221	Soft layer
221	222	Basalt (very hard).
222	252	Soft layer
252	253	Soft layer
253	264	Basalt rock
264	275	Basalt rock. Several crevices

SET PUMP 260F

Ground elevation at well site 180 feet above mean sea level.  
Work started AUG 19 55 Completed SEPT 19 55

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 STUDEBAKER BROS.  
(Person, firm, or corporation) (Typed or printed)

Address Rt. 5 Box 497 - SALEM

Driller's well number 1

[Signed] E. J. Studeloh  
(Well Driller)

License No. 40 Dated 11-14, 1955