

# UMAT 543

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STATE ENGINEER,  
SALEM, OREGON

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UMAT 543

WATER WELL DRILLERS REPORT

JUN 4 1957

STATE OF OREGON

STATE ENGINEER

Do Not  
Fill In State Well No. 2N/32-7B(1)

State Permit No. 6465

(1) OWNER:  
Name **O. JAY BROGOITTI** SALEM, OREGON

Address **112 N.W. 10th St.**  
**Pendleton, Oregon**

(2) LOCATION OF WELL:  
County **Umatilla** Owner's number, if any—  
R. F. D. or Street No.  
Bearing and distance from section or subdivision corner  
**S 77° 19' 30" W - 4152' from N 1/4 corner**  
**Section 8**

(3) TYPE OF WORK (check):  
New well  Deepening  Reconditioning  Abandon   
If 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

(6) CASING INSTALLED:

FROM	ft. to	ft.	Diam.	Gage or Wall	Diameter of Bore	from ft.	to ft.
"	0	210	"	3/8		"	"
"	210	81 1/2	"	12	3/8	"	"
"	132	210	"	10	3/8	"	"

Type and size of shoe or well ring  
Describe joint **Welded**

(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

(8) CONSTRUCTION:  
Was a surface sanitary seal provided?  Yes  No To what depth **8 1/2**  
Were any strata sealed against pollution?  Yes  No  
If yes, note depth of strata  
FROM ft. to ft.  
METHOD OF SEALING

(9) WATER LEVELS:  
Depth at which water was first found **260** ft.  
Standing level before perforating ft.  
Standing level after perforating ft.  
Log Accepted by:  
[Signed] **O Jay Brogoitti** **May 27**, 19**57**  
owner

(10) WELL TESTS:  
Was a pump test made?  Yes  No If yes, by whom? **Driller**  
Yield: **720** gal./min. with **5** ft. draw down after **4** hrs.  
Artesion flow ..... g.p.m.  
Shut-in pressure ..... lbs. per square inch.  
Boiler 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 **399** ft. Depth of completed well **399** 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	3	ft.	Soil
3	"	33	"	Cemented rock
33	"	53	"	Hard Brown basalt
53	"	73	"	Broken brown basalt
73	"	82	"	Black basalt
82	"	93	"	Broken brown basalt
93	"	125	"	Black basalt
125	"	146	"	Grey basalt
146	"	160	"	Broken brown basalt
160	"	177	"	Red & brown basalt
177	"	183	"	Black basalt
183	"	196	"	Brown basalt
196	"	210	"	Black basalt & crevices
210	"	257	"	Grey basalt
257	"	260	"	Broken brown basalt & clay
260	"	266	"	Brown basalt (water bearing)
266	"	282	"	Hard brown basalt
282	"	295	"	Broken brown basalt (water bearing)
295	"	330	"	Hard Brown basalt
330	"	362	"	Grey basalt
362	"	387	"	Broken basalt (water bearing)
387	"	399	"	Brown basalt (no cuttings, water bearing)

Static Water Level **200 feet**

Ground elevation at well site ..... feet above mean sea level.  
Work started **19** , Completed **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 St. Walla Walla, Wash.**  
Driller's well number **1**

[Signed] ..... (Well Driller)  
License No. **204** Dated **5/24/57**, 19.....