

NOTICE TO WATER WELL CONTRACTOR

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.

RECEIVED
 JUL 10 1968
STATE ENGINEER
 SALEM OREGON

WATER WELL REPORT

STATE OF OREGON

(Type or print)

(Do not write above this line)

Well #2

JOSE
2739

dbd

State Well No. 35/6w-9

State Permit No. _____

G-4764

(1) OWNER:

Name Bureau of Land Management
 Address P.O. Box 3861, Portland

(2) TYPE OF WORK (check):

New Well Deepening Reconditioning Abandon

If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Rotary Driven
 Cable Jetted
 Dug Bored

(4) PROPOSED USE (check):

Domestic Industrial Municipal
 Irrigation Test Well Other

CASING INSTALLED:

Threaded Welded

6" Diam. from 71 ft. to 74 ft. Gage 1220
 " Diam. from _____ ft. to _____ ft. Gage _____
 " Diam. from _____ ft. to _____ ft. Gage _____

PERFORATIONS:

Perforated? Yes No.

Type of perforator used Torch
 Size of perforations 1/8 in. by 14 in.
18 perforations from 54 ft. to 73 ft.
 _____ perforations from _____ ft. to _____ ft.
 _____ perforations from _____ ft. to _____ ft.
 _____ perforations from _____ ft. to _____ ft.
 _____ perforations from _____ ft. to _____ ft.

(7) SCREENS:

Well screen installed? Yes No

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

(8) WATER LEVEL: Completed well.

Static level 23 ft. below land surface Date 7-1-68
 Artesian pressure _____ lbs. per square inch Date _____

(9) WELL TESTS:

Drawdown is amount water level is lowered below static level

Was a pump test made? Yes No If yes, by whom?
 Yield: gal./min. with _____ ft. drawdown after _____ hrs.
 " " " " " "
 " " " " " "
 Bailer test 60 gal./min. with 47 ft. drawdown after 2 hrs.
 Artesian flow _____ g.p.m. Date _____
 Temperature of water _____ Was a chemical analysis made? Yes No

(10) CONSTRUCTION:

Well seal—Material used Bentonite
 Depth of seal 20 ft.
 Diameter of well bore to bottom of seal 10 in.
 Were any loose strata cemented off? Yes No Depth _____
 Was a drive shoe used? Yes No
 Did any strata contain unusable water? Yes No
 Type of water? _____ depth of strata _____
 Method of sealing strata off steel Packer Rings 26'
 Was well gravel packed? Yes No Size of gravel: _____
 Gravel placed from _____ ft. to _____ ft.

(11) LOCATION OF WELL:

County Josephine Driller's well number _____
SE 1/4 NW 1/4 Section 9 T. 35S R. 6W W.M.
 Bearing and distance from section or subdivision corner
2000' south 3100' east from the north west corner of section 9

(12) WELL LOG:

Diameter of well below casing 6

Depth drilled 100 ft. Depth of completed well 100 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 as drilling proceeds. Note drilling rates.

MATERIAL	From	To	SWL
soil - sandy - brown	0	2	
clay - sandy - brown	2	8	
gravel - medium	8	10	
granite - decomposed brown	10	25	
granite - brown	25	29	
granite - grey	29	32	23
broken	32	47	
granite - grey	47	49	23
broken	49	67	
granite - grey	67	70	23
broken	70	77	
granite - pink	77	89	
granite - blue	77	89	
granite - pink	89	100	

Work started 6-28 1968 Completed 7-1 1968
 Date well drilling machine moved off of well 7-1 1968

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] Charles Chitwood Date 7-5, 1968
 (Drilling Machine Operator)

Drilling Machine Operator's License No. 344

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 Crater Well Drilling Inc.
 (Person, firm or corporation) (Type or print)

Address 1923 Delta Waters Rd. Medford

[Signed] P.A. Chitwood
 (Water Well Contractor)

Contractor's License No. 83 Date 7-5, 1968

G-4764

RECEIVED
AUG 28 1968
STATE ENGINEER
SALEM OREGON

35/6w-9# dbd
Josephine

Contract #14-11-0001-4228
Merlin Well Drilling & Casing
Change Order No. 1
July 23, 1968.

Contractor:

Crater Well Drilling, Inc.
1923 Delta Waters Road
Medford, Oregon 97501

Item No. 3 a

Test to full capacity of 6 inch well.

The following tests was conducted on July 30, 1968, by above-listed contractor.

Static water level 19' 6".

Pump used for test: Electric Submersible, 3 H.P. Jacuzzi, single phase, 220 volt. Time of start at well site: 7:30 A.M., July 30, 1968. Pump installed into well at 85' level. Started pumping at 9:00 A.M. at capacity of pump.

Water Meter: 1 C.F. = 7.5 Gals.

<u>Time</u>	<u>Meter Reading</u>	<u>Water Level</u>	<u>Draw-Down</u>	<u>Average Gals. Per Min.</u>
9:00 A.M.	1103 C.F.	19.5'		
9:05	1108	36.5'	17' 0"	75
9:10	1113	37.0'	17' 6"	75
9:15	1118	37.5'	18' 0"	75
9:30	1132	39.0'	19' 6"	70
9:45	1147	40.5'	21' 0"	75
10:00	1162	41.5'	22' 0"	75
10:15	1176	41.5'	22' 0"	70
10:30	1190	42.0'	22' 6"	70
10:45	1205	42.0'	22' 6"	75
11:00	1219	42.0'	22' 8"	70
11:15	1233	42.5'	23' 0"	70
11:30	1248	42.5'	23' 0"	75
11:45	1262	42.7'	23' 3"	75
12:00 noon	1277	42.8'	23' 4"	70
12:15 P.M.	1291	43.0'	23' 6"	70
12:30	1305	43.0'	23' 6"	70
12:30	About 1/3 draw down, pumping capacity of pump. Removed meter which was registering 10 lbs. back pressure on guage.			
12:35		41.5'	22' 0"	78 G.P.M.

(Field calculation of discharge rate, by horizontal open discharge method.)

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G-4764

35/6w-9 dbd

Josephine

<u>Time</u>	<u>Meter Reading</u>	<u>Water Level</u>	<u>Draw-Down</u>	<u>Average Gals. Per Min.</u>
12:45 P.M.		44.5'	25' 0"	78
1:00		45.0'	25' 6"	78
1:15		45.0'	25' 6"	78
1:30		45.0'	25' 6"	78
1:45		45.0'	25' 6"	78
2:00		45.0'	25' 6"	78
2:00	Raised pump to 63' level.			
2:15	Resumed pumping.			
2:22		43.0'	23' 6"	80
2:30		44.5'	25' 0"	80
2:45		45.0'	25' 6"	80
3:00		45.3'	25' 9"	80
3:15		45.4'	25' 11"	80
3:30		45.5'	26' 0"	80
3:45		45.5'	26' 0"	80
4:00		45.8'	26' 4"	80
4:15		45.8'	26' 4"	80
4:30		45.8'	26' 4"	80
4:45		45.8'	26' 4"	80
4:45	Unable to draw the well down any lower. Discontinued test.			

R. A. Gennings
R. A. Gennings, Inspector

G-4764 35/6w-9 d6d
Josephine

RECEIVED
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STATE ENGINEER
SALEM OREGON

Contract #14-11-0001-4228
Merlin Well Drilling & Casing
Charge Order No. 1
July 23, 1968

Contractor:

Crater Well Drilling, Inc.
1923 Delta Waters Road
Medford, Oregon 97501

Item No. 3 a

Test to full capacity of 6 inch well.

Continuation of test on July 30, 1968

Pump previously used could not pump well to full capacity. A 5 horse power submersible installed to 85' in well. Static water level 19.5'.

Began pumping at 10:30 A.M., August 9, 1968. A water meter was used which measured cubic feet. This was converted to G.P.M.

Previous test indicated flow at 1/3 drawdown so contractor began by drawing well to 2/3 drawdown.

<u>Time</u>	<u>Water Level</u>	<u>Drawdown</u>	<u>GPM</u>
10:30 A.M.	19.5'	Began pumping.	
11:30	62.0'	42'	102
11:45	63.0'	43'	102
12:00	63.0'	43'	102
12:15	63.0'	43'	102
	2/3 drawdown 102 G.P.M.		
12:30	84.0'	64'	112
12:45	84.0'	64'	112
1:00	84.0'	64'	112
1:15	84.0'	64'	112
1:30	84.0'	64'	112
1:30	Quit pumping with full capacity of well producing 112 Gallons Per Minute.		
	Pump periodically breaking suction at 112 Gallons Per Minute.		

Note: The change in capacity between 2/3 drawdown (63') and full capacity (84') indicates bottom of Aquified Area is about 65' in well.

Robert A. Gennings
~~XXXXXXXXXX~~, Inspector
Robert A. Gennings,