

OBSERVATION WELL

see deeper log
3N/26-4 #4
G.1219

WATER WELL REPORT

STATE OF OREGON (4102)

File Original and First Copy with the STATE ENGINEER, SALEM, OREGON

PLATE 595

(1) OWNER: GEORGE BOLDW
Name Luther W. Cramer
Address 406 West 4th Hermiston, Ore

(2) LOCATION OF WELL:
County Morrow Owner's number, if any--
NW 1/4 SE 1/4 Section 14 T. 3N R. 26E W.M.
Bearing and distance from section or subdivision corner
S 66°-6' E 3142.0 ft from The West to Sect Monument

(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) TYPE OF WELL:
Rotary Driven
Cable Jetted
Dug Bored

(6) CASING INSTALLED:
12" Diam. from Ground ft. to 72" ft. Gage #"
" Diam. from ft. to ft. Gage
" Diam. from ft. to ft. Gage

(7) PERFORATIONS:
Perforated? Yes No
Type of perforator used
SIZE of perforations in. by in.
perforations from ft. to ft.
perforations from ft. to ft.
perforations from ft. to ft.
perforations from ft. to ft.
perforations from ft. to ft.

(8) SCREENS:
Well screen installed Yes No
Manufacturer's Name
Type Model No.
Slot size Set from ft. to ft.
Slot size Set from ft. to ft.

(9) CONSTRUCTION:
Was well gravel packed? Yes No Size of gravel:
Gravel placed from ft. to ft.
Was a surface seal provided? Yes No To what depth? ft.
Material used in seal—Casing Driven Tight into Rock
Did any strata contain unusable water? Yes No Clay
Type of water? Depth of strata
Method of sealing strata off

(10) WATER LEVELS:
Static level 1582 ft. below land surface Date
Artesian pressure lbs. per square inch Date
Log Accepted by:
[Signed] Luther W. Cramer Date Sept 26, 1960 (Owner)

(11) WELL TESTS: Drawdown is amount water level is lowered below static level
Was a pump test made? Yes No If yes, by whom? Luther W. Cramer
Yield: 500 gal./min. with 5 ft. drawdown after 3 hrs.
" 400 " " 4 " " 3-40 min
" 300 " " 3 " " 3-40 "
Bailer test gal./min. with ft. drawdown after hrs.
Artesian flow g.p.m. Date
Temperature of water Was a chemical analysis made? Yes No
0-487 1/2 12" 487E-229-8

(12) WELL LOG:
Diameter of well inches.
Depth drilled 623 ft. Depth of completed well 623 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.

MATERIAL	FROM	TO
Sand & silt	0	76'
Tan clay	76	120'
Soft Basalt Rock	120	135'
Yellow & Blue Cube Clay	135	180'
Drilling Water	179 1/2'	
Conglomerate Rock	180	190'
Black Basalt	190	246'
Yellow & Blue Cube Clay	246	356'
Basalt	356	623'
3" cavity with water struck at	607'	

Work started June 26 1959 Completed Mar 26 1960

(13) PUMP:
Manufacturer's Name Western Pump Co
Type: 7 stage 12N Turbine Pump H.P. Max 200

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 Luther W. Cramer (Person, firm, or corporation) (Type or print)
Address 406 West 4th, Hermiston
Driller's well number
[Signed] Luther W. Cramer (Well Driller)
License No. Date Sept 26, 1960