

WATER WELL CONTRACTOR  
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**WATER WELL REPORT**

MAR 23 1979

STATE OF OREGON

UMAT  
4116

State Well No. 6N134E-276d

STATE ENGINEER, SALEM, OREGON 97310  
within 30 days from the date of well completion.

WATER RESOURCES DEPT. (Please type or print)  
SALEM, OREGON (Do not write above this line)

State Permit No. \_\_\_\_\_

**(1) OWNER:**

Name Chuck Buchanan Kolgham + Kolgham  
Address Dixie Wash. 99329

**(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   
 Bored

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

Domestic  Industrial  Municipal   
Irrigation  Test Well  Other

**(5) CASING INSTALLED:**

12" Diam. from 0 ft. to 497 ft. Gage 250  
10" Diam. from 490 ft. to 700 ft. Gage 250  
8" Diam. from 616 ft. to 1012 ft. Gage 250

**(6) PERFORATIONS:**

Perforated?  Yes  No.

Type of perforator used mills  
Size of perforations 1/2 in. by 3 in.  
12 perforations from NO ft. to NO ft.  
120 mills perforations from 560 ft. to 600 ft.  
50 perforations from 600 ft. to 630 ft.

700 per. Acetylene in 8" 3/8 x 8"

**(7) SCREENS:**

Well screen installed?  Yes  No  
Manufacturer's Name \_\_\_\_\_  
Type \_\_\_\_\_ Model No. \_\_\_\_\_  
Diam. \_\_\_\_\_ Slot size \_\_\_\_\_ Set from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
Diam. \_\_\_\_\_ Slot size \_\_\_\_\_ Set from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

**(8) WELL TESTS:**

Drawdown is amount water level is lowered below static level

Was a pump test made?  Yes  No If yes, by whom?  
Yield: 590 gal./min. with 160 ft. drawdown after 4 hrs.

Bailer test gal./min. with ft. drawdown after hrs.

Artesian flow g.p.m.

Temperature of water 72 Depth artesian flow encountered \_\_\_\_\_ ft.

**(9) CONSTRUCTION:**

Well seal—Material used Cement

Well sealed from land surface to 37 ft.

Diameter of well bore to bottom of seal 16 in.

Diameter of well bore below seal 12 in.

Number of sacks of cement used in well seal 1 1/2 yards sacks

Number of sacks of bentonite used in well seal \_\_\_\_\_ sacks

Brand name of bentonite \_\_\_\_\_

Number of pounds of bentonite per 100 gallons \_\_\_\_\_ lbs./100 gals.

Was a drive shoe used?  Yes  No Plugs \_\_\_\_\_ Size: location \_\_\_\_\_ ft.

Did any strata contain unusable water?  Yes  No

Type of water? \_\_\_\_\_ depth of strata \_\_\_\_\_

Method of sealing strata off \_\_\_\_\_

Was well gravel packed?  Yes  No Size of gravel: \_\_\_\_\_

Gravel placed from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

**(10) LOCATION OF WELL:**

County Umatilla Driller's well number \_\_\_\_\_  
S.E. 1/4 NW 1/4 Section 27 T. 6N R. 34 E W.M.

Bearing and distance from section or subdivision corner  
Well located 3540 ft. N  
15 E of property S.W. corner

**(11) WATER LEVEL: Completed well.**

Depth at which water was first found 53 ft.

Static level 30 ft. below land surface. Date July 12 77

Artesian pressure \_\_\_\_\_ lbs. per square inch. Date \_\_\_\_\_

**(12) WELL LOG:**

Diameter of well below casing \_\_\_\_\_

Depth drilled \_\_\_\_\_ ft. Depth of completed well \_\_\_\_\_ 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 and indicate principal water-bearing strata.

MATERIAL	From	To	SWL
Top soil + clay Brown	0	33	
Clay-Tan	33	37	
Gravel-Cement Brown	37	55	
Gravel-Med-Fine Casing	55	60	
Gravel-Cement-Brown (20 g.p.m.)		60	46
Gravel Med. Casing 149'		168	
Blue Clay. with stratified sand-Fine	168	177	
Clay. Tan - Casing.	177	192	
Clay. Blue	192	310	
Some Med-Fine Gravel in Blue clay. 40 g.p.m.	310	312	46
Clay-Blue	312	338	
Blue clay with Med Gravel.	338	341	
Clay-Blue (some gravel) 362	341	496	
Basalt-Blue	496	548	
Basalt-Broken-Blue	548	551	
Basalt-Blue-Hard	551	581	
Basalt-Broken casing.	581	590	
12" To 590'			

Work started March 29 19 \_\_\_\_\_ Completed July 20 19 76

Date well drilling machine moved off of well \_\_\_\_\_ 19 \_\_\_\_\_

**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] Lowell W. Maulatt Date July 12, 1977  
(Drilling Machine Operator)

Drilling Machine Operator's License No. 11

**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 Lowell W. Maulatt (Type or print)

Address RT #2 Box 140-B Milton Freewater (Type or print)

[Signed] Lowell W. Maulatt (Water Well Contractor)

Contractor's License No. 265 Date July 12, 19 77

