

UMAT 55706

WELL I.D. # L _____

(1) LAND OWNER Well Number _____
 Name Guy Mueller
 Address _____
 City _____ State _____ Zip _____

(2) TYPE OF WORK
 New Well Deepening Alteration (repair/recondition) Abandonment

(3) DRILL METHOD:
 Rotary Air Rotary Mud Cable Auger
 Other _____

(4) PROPOSED USE:
 Domestic Community Industrial Irrigation
 Thermal Injection Livestock Other _____

(5) BORE HOLE CONSTRUCTION:
 Special Construction approval Yes No Depth of Completed Well 310 ft.
 Explosives used Yes No Type _____ Amount _____

HOLE			SEAL			Sacks or pounds
Diameter	From	To	Material	From	To	

How was seal placed: Method A B C D E
 Other _____

Backfill placed from _____ ft. to _____ ft. Material _____
 Gravel placed from _____ ft. to _____ ft. Size of gravel _____

(6) CASING/LINER:

	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:	<u>12</u>	<u>0</u>	<u>119</u>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Liner:					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Drive Shoe used Inside Outside None
 Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS:

Perforations Method _____
 Screens Type _____ Material _____

From	To	Slot size	Number	Tele/pipe diameter	size	Casing	Liner
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>

(8) WELL TESTS: Minimum testing time is 1 hour

Pump Bailer Air Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
<u>456</u>	<u>205</u>		<u>2.5 #hr.</u>

Temperature of water _____ Depth Artesian Flow Found _____
 Was a water analysis done? Yes By whom _____
 Did any strata contain water not suitable for intended use? Too little
 Salty Muddy Odor Colored Other _____
 Depth of strata: _____

Hardness 80PPM Chloride 8PPM

(9) LOCATION OF WELL by legal description:
 County UMAT Latitude _____ Longitude _____
 Township 2 N S E W. Range 33 E W. M.
 Section 33 NW NE SE SW 1/4 _____ 1/4 _____
 Tax Lot _____ Lot _____ Block _____ Subdivision _____
 Street Address of Well (or nearest address) 46271 Best Road Pendleton OR

(10) STATIC WATER LEVEL:
 _____ ft. below land surface. Date _____
 Artesian pressure Flowing lb. per square inch Date 6/22/53

(11) WATER BEARING ZONES:

Depth at which water was first found _____

From	To	Estimated Flow Rate	SWL

(12) WELL LOG:
 Ground Elevation _____

Material	From	To	SWL
Palouse Formation	<u>0</u>	<u>6</u>	
Soil			
Fanglomerate	<u>6</u>	<u>105</u>	
Gravel & clay			
Columbia River Basalt			
Basalt	<u>105</u>	<u>137</u>	
Basalt, Gray	229 <u>137</u>	<u>229</u>	
Gravel (broken basalt)?	<u>229</u>	<u>231</u>	
Basalt Gray	<u>231</u>	<u>235</u>	
Basalt Black	<u>235</u>	<u>310</u>	
Drilled by Bert Gladney			
Deepened 7/7/03			
SEE UMAT 54879			

Date started _____ Completed 6/22/1953
 1951

SOURCE OF DATA/INFO
Geology & Ground Water of the Umatilla River Basin OREGON USGS W.S.P. 1620

COMPILED BY: Marc Norton
3/29/2006