

WELL I.D. # L

(1) LAND OWNER Well Number _____
 Name Lowell Spiess
 Address PO Box 430
 City Pendleton State OR Zip 97401

(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 _____ 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>10</u>	<u>0</u>	<u>60</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	Diameter	Tele/pipe 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

Yield gal/min	Drawdown	Drill stem at	Flowing Artesian	Time
			<input type="checkbox"/>	1 hr.
			<input type="checkbox"/>	
			<input type="checkbox"/>	

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: _____

(9) LOCATION OF WELL by legal description:
 County Umatilla Latitude _____ Longitude _____
 Township 2 N N or S Range 33 E E or W. WM.
 Section 7 NE 1/4 NW 1/4
 Tax Lot 300 Lot _____ Block _____ Subdivision _____
 Street Address of Well (or nearest address) _____

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

(11) WATER BEARING ZONES:
 Depth at which water was first found _____

From	To	Estimated Flow Rate	SWL

(12) WELL LOG:
 Ground Elevation _____

Materials	Thick-ness (feet)	Depth (feet)
2N/33E-7baa2. L. Spiess. Altitude 1,138 ft. Drilled by Roy T. French, 1956. Casing: 10-in. diam to 60 ft		
Soil-----	4	4
Gravel-----	14	18
Basalt, black-----	22	40
Sand, black-----	3	43
Basalt, gray-----	42	85
Basalt-----	12	97
Ash, black and red-----	31	128
Basalt, gray-----	19	147
Rock, red-----	13	160
Rock, black-----	20	180
Basalt, gray-----	60	240
Ash, black and red-----	40	280
Basalt, gray-----	22	302
Basalt, black-----	28	330
Basalt, gray-----	35	365
Basalt, red and black-----	15	380
Basalt, gray-----	85	465
Basalt, red-----	35	500

Date started _____ Completed 1956

SOURCE OF DATA/INFO
Gonchar, J.B. and Harris, D.D., 1977, Water Resources of the Umatilla Indian Reservation, Oregon: USGS WRI 77-3.

COMPILED BY: Karl C. Wezniak
Ground Water Section

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