

(1) OWNER:
 Name Arnold L. Breat
 Address Rt. 1 Box 179 Hermiston, Oregon 97838

(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

(5) CASING INSTALLED:
 _____" Diam. from _____ ft. to _____ ft. Gage Sewall

(6) PERFORATIONS:
 Type of perforator used Mills Knife Perforated? Yes No
 Size of perforations 3 in. by 3/16 in.
808 perforations from 144.5 ft. to 170.0 ft.

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

(8) WELL TESTS:
 Drawdown is amount water level is lowered below static level
 To be tested Aug. 2, or 3, 1971
 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 neg ft. drawdown after 2 hrs.
 Artesian flow NONE g.p.m.
 Temperature of water 55 Depth artesian flow encountered NONE ft.

(9) CONSTRUCTION:
 Well seal—Material used Bentamite mixed
 Well sealed from land surface to 19.0 ft.
 Diameter of well bore to bottom of seal 20 in.
 Diameter of well bore below seal 17 in. Drive shoe
 Number of sacks of cement used in well seal _____ sacks
 Number of sacks of bentonite used in well seal 3 1/2 sacks
 Brand name of bentonite Baroid
 Number of pounds of bentonite per 100 gallons of water water Not metered, well mixed lbs./100 gals.
 Was a drive shoe used? Yes No Plugs 0 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 Morrow Driller's well number 23
S.W. 1/4 SW 1/4 Section 20 T. NN R. 27 E W.M.
 Bearing and distance from section or subdivision corner
70ft. E. of West property Line
28ft. N. of South Property Line

(11) WATER LEVEL: Completed well.
 Depth at which water was first found 58 ft.
 Static level 44.0 ft. below land surface. Date July 30, 1971
 Artesian pressure NONE lbs. per square inch. Date _____

(12) WELL LOG: Diameter of well below casing 15"
 Depth drilled 173.0 ft. Depth of completed well 173.0 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
<u>Loose Blow Sand.</u>	<u>0.0</u>	<u>3.0</u>	
<u>Sandy silt</u>	<u>3.0</u>	<u>21.0</u>	
<u>Med. fine to med. coarse</u>	<u>21.0</u>	<u>58.0</u>	
<u>Lt. Brown Sand</u>			
<u>Med. course, sharp</u>	<u>58.0</u>	<u>65.0</u>	<u>44.0</u>
<u>Grey Sand.</u>			
<u>Med. course, sharp Grey</u>	<u>65.0</u>	<u>110.0</u>	<u>44.0</u>
<u>Sand w/ 5% to 1" gravel.</u>			
<u>Med. course sharp Grey</u>	<u>110.0</u>	<u>144.0</u>	<u>44.0</u>
<u>Sand 8% to 10% 1" gravel.</u>			
<u>Gravels.</u>			
<u>Med. course to course</u>	<u>144.0</u>	<u>171.5</u>	<u>44.0</u>
<u>Grey sharp Sand.</u>			
<u>Approx. 18% to 20% 1" gravel.</u>			
<u>Hard Dense Black</u>	<u>171.5</u>	<u>173.0</u>	
<u>Basalt Rock.</u>			

Work started July 3 1971 Completed July 31 1971
 Date well drilling machine moved off of well Aug. 1 1971

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] John L. Brown Date Aug. 1, 1971
 (Drilling Machine Operator)
 Drilling Machine Operator's License No. 481

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 B. B. Drilling Co. (Type or print)
 (Person, firm or corporation)
 Address 1326 Grape St. Sweet Home, Or
 [Signed] John L. Brown
 (Water Well Contractor)
 Contractor's License No. 516 Date Aug. 1, 1971

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.

WATER WELL REPORT

STATE OF OREGON G-5590
 (Please type or print)

State Well No. HN/27K-2000

State Permit No. _____

(Do not write above this line)

Well No. 1

(1) OWNER:

Name _____
 Address _____

(2) TYPE OF WORK (check):

New Well Deepening Reconditioning Abandon

If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

(4) PROPOSED USE (check):

Rotary Driven Domestic Industrial Municipal
 Cable Jetted Irrigation Test Well Other
 Dug Bored

CASING INSTALLED:

Threaded Welded

_____ " Diam. from _____ ft. to _____ ft. Gage _____
 _____ " Diam. from _____ ft. to _____ ft. Gage _____
 _____ " Diam. from _____ ft. to _____ ft. Gage _____

(6) 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.

(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: gal./min. with _____ ft. drawdown after _____ hrs.
 " " " " " " " " " " " " "
 " " " " " " " " " " " " "
 Bailer test gal./min. with _____ ft. drawdown after _____ hrs.
 Artesian flow _____ g.p.m.
 Temperature of water _____ Depth artesian flow encountered _____ ft.

(9) CONSTRUCTION:

Well seal—Material used _____
 Well sealed from land surface to _____ ft.
 Diameter of well bore to bottom of seal _____ in.
 Diameter of well bore below seal _____ in.
 Number of sacks of cement used in well seal _____ sacks
 Number of sacks of bentonite used in well seal _____ sacks
 Brand name of bentonite _____
 Number of pounds of bentonite per 100 gallons
 of water _____ 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 _____ Driller's well number _____
 _____ ¼ Section _____ T. _____ R. _____ W.M.
 Bearing and distance from section or subdivision corner _____

(11) WATER LEVEL: Completed well.

Depth at which water was first found _____ ft.
 Static level _____ ft. below land surface. Date _____
 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

Work started _____ 19 Completed _____ 19
 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] _____ Date _____, 19____
 (Drilling Machine Operator)

Drilling Machine Operator's License No. _____

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 _____
 (Person, firm or corporation) (Type or print)

Address _____

[Signed] _____
 (Water Well Contractor)

Contractor's License No. _____ Date _____, 19____

FARMORE DISTRIBUTING COMPANY

~~BOX 227~~ ATHENA, OREGON

WELL TEST LOG

Test Number _____

Place Arnold Braat

Well Size 15"

Static Level 40'

Pump Setting 130' Plus Bowls

Air Line 135'

Well Depth 170'

Date August 3, 1971

START TIME	RPM CHECK	GPM READING	AIRLINE READING	ORFICE READING	DROP PIPE	MAKE	SIZE	PUMP INSTALLED		WATER CONDITIONER
								SERIAL	MODEL	
11:45	1100	1266	30# @ 97'	16"						Muddy Sandy
12:05	1350	1585	38#	26"	Increase RPM					Sandy
12:30	1650	1910	35#	38"	Increase RPM - Clearing					Sandy
1:30	1900	2370	32#	54"						Sandy
2:25	2000	2588	33#	60"						Sandy
3:00	2000	2588	32#	61"						Clear
3:30	2000	2588	32#	61"						Clear
4:00	2000	2588	32#	61"	Shut Down					Clear
4:30	2000	2588	32#	61"	Shut Down					

TESTED BY: KEN HEARN.

FARMORE
DISTRIBUTING CO.
PENDLETON, OREGON