

WATER WELL REPORT
STATE OF OREGON

RECEIVED

MAR 04 1981

Benton
56711

State Well No. 125/bw-11

State Permit No.

WATER RESOURCES DEPT
SALEM, OREGON

(1) OWNER:

Name City of Philomath
Address 1215 MAIN ST.
City Philomath State Oregon

(2) TYPE OF WORK (check):

New Well Deepening Reconditioning Abandon

If abandonment, describe material and procedure in Item 12.

TYPE OF WELL:

Rotary Air Driven
Rotary Mud Dug
Cable Bored

(4) PROPOSED USE (check):

Domestic Industrial Municipal
Irrigation Test Well Other
Thermal: Withdrawal ReInjection

(5) CASING INSTALLED:

Steel Plastic
Threaded Welded

3" Diam. from +2 ft. to 133 ft. Gauge 250

" Diam. from ft. to ft. Gauge

LINER INSTALLED:

" Diam. from ft. to ft. Gauge

(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 Kosco - Moss Co.

Type Astm A-139 B spiral wire Model No. 985019

Diam. 8 Slot Size 14 Set from 33 ft. to 133 ft.

Diam. Slot Size Set from ft. to ft.

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.

Test 375 gal./min. with drill stem at 133 ft. 4 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:

Special standards: Yes No

Well seal—Material used Cement Grout

Well sealed from land surface to 33 ft.

Diameter of well bore to bottom of seal 12 in.

Diameter of well bore below seal 12 in.

Number of sacks of cement used in well seal 18 sacks

How was cement grout placed? pressure grouted from bottom of well seal

Was pump installed? Type HP Depth ft.

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: 3/8 grit

Gravel placed from 33 ft. to 133 ft.

(10) LOCATION OF WELL:

County Benton Driller's well number 481
1/4 Section 11 T. 12S R. 6W W.M.

Tax Lot # Lot Blk Subdivision

Address at well location: South 9th Philomath

(11) WATER LEVEL: Completed well.

Depth at which water was first found 38 ft.

Static level 7 ft. below land surface. Date 2/17/81

Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing 8 1/2 ft.

Depth drilled 160 ft. Depth of completed well 160 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
SOIL	0	3	
CLAY, yellow	3	16	
CLAY, yellow with gravel	16	32	
GRAVEL, fine, brown	32	38	7
GRAVEL, black, small	38	50	
GRAVEL & CLAY, blue	50	65	
GRAVEL, black, small	65	98	
LARGE, BASALT GRAVELS	98	133	
BASALT, black	133	160	

Work started Feb 3 1981 Completed Feb 13 1981

Date well drilling machine moved off of well Feb 13 1981

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] Jerry W. Mutschler Date 2/17, 1981
(Drilling Machine Operator)

Drilling Machine Operator's License No. 80

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 M-H Well Drilling Inc.
(Person, firm or corporation) (Type or print)

Address 4051 N.E. Holly Ave. Corv. Ore

[Signed] Jerry W. Mutschler
(Water Well Contractor)

Contractor's License No. E37 Date Feb 17, 1981

NOTICE TO WATER WELL CONTRACTOR
The original and first copy of this report are to be filed with the

WATER RESOURCES DEPARTMENT,
SALEM, OREGON 97310
within 30 days from the date of well completion.

SP*12658-690