UMAT 54342

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

STATE OF OREGON
(Please type or print)
(Do not write above this line)

State Well No. .....

State Permit No. .....

(1) OWNER:

Name Kenton Mawhiney

Address Springfield Oregon

(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: Threaded ☐ Welded ☒

10" Diam. from 0 ft. to 152 ft. Gage .250
8" Diam. from 152 ft. to 327 ft. Gage ROCK
" Diam. from 247 ft. to 327 ft. Gage .250

(6) PERFORATIONS: Perforated? ☒ Yes ☐ No.

Type of perforator used Torch Cut

Size of perforations 1/4" in. by 6" in.

432 perforations from 90 ft. to 150 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? A.B. Funk

Yield: 325 gal./min. with 7 ft. drawdown after 4 hrs.
" 115 " "
" " " "

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

Artesian flow g.p.m.

Temperature of water 56 Depth artesian flow encountered ft.

(9) CONSTRUCTION:

Well seal—Material used Bent. Tile

Well sealed from land surface to 20 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 sacks

Number of sacks of bentonite used in well seal 1 sacks

Brand name of bentonite Yellow Stamp

Number of pounds of bentonite per 100 gallons of water 4 to 6 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: 1/4-3/8

Gravel placed from 21 ft. to 150 ft.

(10) LOCATION OF WELL:

County LMA Driller's well number

LT ¼ SE ¼ Section 32 T. 4N R. 2E W.M.

Bearing and distance from section or subdivision corner

(11) WATER LEVEL: Completed well.

Depth at which water was first found 11-6 ft.

Static level 26 ft. below land surface. Date

Artesian pressure lbs. per square inch. Date

(12) WELL LOG: Diameter of well below casing 8

Depth drilled 365 ft. Depth of completed well 365 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
Sand & Gravel	0	6	
Light Brown Clay	6	11	
Yellow Clay	11	22	
Dark Brown Clay	22	30	
Coarse Gravel	30	44	26
Clay & Boulders	44	55	26
Coarse Gravel	55	75	26
Brown Clay	75	90	26
Coarse Gravel	90	113	30
Clay & Gravel	113	122	32
Fine Gravel	122	147	26
[illegible]	[illegible]		
Basalt	147	267	26
Green Basalt	267	322	26
Black Basalt	322	355	26
Fine Grained Black	355	365	26

Work started May 11 19 75 Completed June 6 19 75

Date well drilling machine moved off of well June 10 19 75

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] [illegible] (Drilling Machine Operator) Date June 6, 19 75

Drilling Machine Operator's License No. 352

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

(USE ADDITIONAL SHEETS IF NECESSARY)

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