

MAY 14 1990

STATE OF OREGON
WATER WELL REPORT
(as required by ORS 537.765)

WATER RESOURCES DEPT.
SALEM, OREGON

MALH 2156 55/43E/19Ca
(START CARD) # 18168

(1) OWNER: Well Number: 18168
Name Patrick McGourty
Address PO Box 111
City Brogan State Ore Zip 97903

(2) TYPE OF WORK:
 New Well Deepen Recondition Abandon

(3) DRILL METHOD
 Rotary Air Rotary Mud Cable
 Other

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

(5) BORE HOLE CONSTRUCTION:
Special Construction approval Yes No Depth of Completed Well 311 ft.
Explosives used Yes No Type Amount

HOLE SEAL Amount
Diameter From To Material From To (sacks or pounds)
16 0 54 Cement Grout 54 0 51
12 0 311

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: 12 0 54 350
Liner:
Final location of shoe(s) 54 ft

(7) PERFORATIONS/SCREENS:
 Perforations Method
 Screens Type Material
From To Slot size Number Diameter Tele/pipe size Casing Liner

(8) WELL TESTS: Minimum testing time is 1 hour
 Pump Bailer Air Flowing Artesian
Yield gal/min Drawdown Drill stem at Time
150 67 ft 75 1 hr
3 hrs

Temperature of water 70° 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 Malheur Latitude Longitude
Township 15 Range 43 Section 19 NE 1/4 SW 1/4
Tax Lot 400 Lot Block Subdivision
Street Address of Well (or nearest address) Waters Layne

(10) STATIC WATER LEVEL:
6 ft. below land surface. Date 4-20-90
Artesian pressure lb. per square inch. Date

(11) WATER BEARING ZONES:
Depth at which water was first found 48 ft 35 ft

From	To	Estimated Flow Rate	SWL
35	49	50 gpm	5
173	304	150 gpm	6

(12) WELL LOG:
Ground elevation

Material	From	To	SWL
top soil	0	4	
Brown clay	4	6	
Sumbr Mud	6	15	
Sandy Blue clay	15	35	5
gravel + Blue clay	35	40	5
med gravel	40	45	5
gravel + Blue clay	45	49	
green clay	49	70	
Brown clay	70	84	
green clay	84	89	
hard Brown clay	89	114	
hard + Brown clay	114	122	
hard + Brown clay	122	127	
Brown clay	127	133	
Blue-Green clay	133	144	
lt Brown clay	144	173	
lt Brown clay - small gravel	173	195	6
Sandy Blue clay - small gravel	195	212	6
Hard Blue clay - pea gravel	212	278	6
Blue clay pebbles	278	304	6
hard Brown clay	304	311	6
Grey clay	311		6

Date started 4-13-90 Completed 4-20-90

(unbonded) Water Well Constructor Certification:
I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon well construction standards. Materials used and information reported above are true to my best knowledge and belief.
Signed _____ Date _____ WWC Number _____

(bonded) Water Well Constructor Certification:
I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. all work performed during this time is in compliance with Oregon well construction standards. This report is true to the best of my knowledge and belief.
Signed Jan M Fife _____ Date 5-8-90 WWC Number 1485