

Polk 023

85/40/2/db  
19137

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

MAY 2 1 1990

(START CARD) #

(1) OWNER: Well Number: \_\_\_\_\_  
Name: CITY OF INDEPENDENCE  
Address: 240 MONMOUTH INDEPENDENCE RD.  
City: INDEPENDENCE State: ORE. Zip: 97351

(9) LOCATION OF WELL by legal description:  
County: POLK Latitude \_\_\_\_\_ Longitude \_\_\_\_\_  
Township: 8S N or S, Range: 4W E or W, WM.  
Section: 21 NW 1/4 SE 1/4  
Tax Lot \_\_\_\_\_ Lot \_\_\_\_\_ Block \_\_\_\_\_ Subdivision \_\_\_\_\_  
Street Address of Well (or nearest address): POLK ST. WELL  
IN FIELD BEYOND END OF POLK ST. IND. ORE.

(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: MUNICIPAL

(5) BORE HOLE CONSTRUCTION:  
Special Construction approval Yes No Depth of Completed Well 50 ft.  
Explosives used  Type \_\_\_\_\_ Amount \_\_\_\_\_

HOLE SEAL Amount  
Diameter From To Material From To sacks or pounds  
16" 0' 50' CEMENT 0' 20' 25 SKS CEM  
4 SKS BENT

How was seal placed: Method  A  B  C  D  E  
Backfill placed from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Material \_\_\_\_\_  
Gravel placed from 21 ft. to 50 ft. Size of gravel 1/2 X 3/4 RD.

(6) CASING/LINER:  
Casing: Diameter 12" From 16.5' To 51' Gauge 250 Steel  Plastic  Welded  Threaded   
Liner: \_\_\_\_\_

(7) PERFORATIONS/SCREENS:  
 Perforations Method: TORCH CUT SLOTS  
 Screens Type \_\_\_\_\_ Material \_\_\_\_\_

From 22' To 45' Slot size 1/2" x 9/16" Number 460 Diameter \_\_\_\_\_ Tele/pipe size \_\_\_\_\_ Casing  Liner

(8) WELL TESTS: Minimum testing time is 1 hour  
 Pump  Bailer  Air  Flowing Artesian  
Yield gal/min 700 Drawdown 7.5' Drill stem at 6 hrs  
1030 13.5' 18 HRS

Temperature of water 53° Depth Artesian Flow Found \_\_\_\_\_  
Was a water analysis done?  Yes By whom WATER LAB  
Did any strata contain water not suitable for intended use?  Too little  
 Salty  Muddy  Odor  Colored  Other \_\_\_\_\_  
Depth of strata: \_\_\_\_\_

(10) STATIC WATER LEVEL:  
19 ft. below land surface. Date MAY 9, '90  
Artesian pressure \_\_\_\_\_ lb. per square inch. Date \_\_\_\_\_

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

From	To	Estimated Flow Rate	SWL
22'	45'	1000+	19'

(12) WELL LOG: Ground elevation 150.64'

Material From To SWL  
AN EXISTING 16" WELL DRILLED IN 1957 WAS CONVERTED TO A 12" DIAMETER WELL. THE 12" CASING WAS PRE-PERFORATED WITH AN OXY-ACETYLENE TORCH BETWEEN 22' AND 45' AND INSTALLED BETWEEN 22' + 45'. THE CASING STRING CONTACTED BOTTOM AT 50' AND WAS DRIVEN TO 51' DEPTH. THE 16" CASING WAS PULLED OR JACKED OUT WITH GRAVEL PLACED BETWEEN 16" + 12". AFTER DEVELOPMENT, THE 12" WAS GROUTED IN USING CEMENT WITH 5% BENTONITE BY WEIGHT AS AN ADDITIVE. THE 16" CASING EXTENDED TO 20' AND WAS PULLED AS GROUT WAS DUMPED. THE GROUT CURLED FOR 5-DAYS BEFORE TEST PUMPING.

Date started MAY 4, 1990 Completed MAY 14, 1990

(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 \_\_\_\_\_ WWC Number \_\_\_\_\_ Date \_\_\_\_\_

(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 Michael Walden WWC Number 633 Date 5-21-90