

State Well No. 16/4W-35
State Permit No. _____

Range 5-730
TA

(1) OWNER:
Name IRWIN & SONS
Address BOX 108 CHESHIRE

(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

(5) CASING INSTALLED: Threaded Welded
12" Diam. from + 8" to 34'4" Gage 1/4
" Diam. from _____ ft. to _____ ft. Gage _____
" Diam. from _____ ft. to _____ ft. Gage _____

(6) PERFORATIONS: Perforated? Yes No.
Type of perforator used MILLS KNIFE
Size of perforations 1/4 in. by 4 in.
136 perforations from 24' ft. to 34' 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? DRILLER
Yield: 600 gal./min. with 7 ft. drawdown after 14 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 CEMENT GROUT
Well sealed from land surface to CEMENT TO 21' BENTONITE ft.
Diameter of well bore to bottom of seal 19 5/8" to 21" in. to 23'
Diameter of well bore below seal 12 in.
Number of sacks of cement used in well seal 16 sacks
Number of sacks of bentonite used in well seal 4 sacks
Brand name of bentonite YELLOW STONE
Number of pounds of bentonite per 100 gallons of water BENTONITE ADDED TO MAINTAIN VISCOSITY IN SEAL 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 LANE Driller's well number _____
1/4 Section 35 T. 16 R. 4W W.M.
Hearing and distance from section or subdivision corner _____

(11) WATER LEVEL: Completed well.
Depth at which water was first found 18 ft.
Static level 10'3" ft. below land surface. Date 6-15-71
Artesian pressure _____ lbs. per square inch. Date _____

(12) WELL LOG: Diameter of well below casing 12
Depth drilled 35 ft. Depth of completed well 35 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>BROWN SANDY CLAY</u>	<u>0</u>	<u>18</u>	
<u>SAND W/ GRAVEL</u>	<u>18</u>	<u>23</u>	
<u>(WELL WAS NOT PERFORATED IN THIS ZONE BECAUSE OF SAND)</u>			
<u>LOOSE SAND & GRAVEL</u>	<u>23</u>	<u>32</u>	
<u>COURSE WATER BEARING MATERIAL</u>			
<u>PARTIALLY CEMENTED SAND & GRAVEL</u>	<u>32</u>	<u>35</u>	
<u>12" GOPHER SHOE</u>			

Work started 6-9 1971 Completed 6-15 1971
Date well drilling machine moved off of well 6-15 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] Mark Christensen Date 6-15, 1971
(Drilling Machine Operator)
Drilling Machine Operator's License No. 9

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 MARK CHRISTENSEN (Type or print)
Address 3550 W. 18th Eugene
[Signed] Mark Christensen (Water Well Contractor)
Contractor's License No. 97 Date 6-15, 1971