

WATER WELL REPORT
STATE OF OREGON

Lake 1397
Duplicate COPY

NOV 28 1980

State Well No. *285/16E-15*

WATER RESOURCES DEPARTMENT Permit No.
SALEM, OREGON

(1) OWNER:

Name *Zane Church*
Address *Box 56 ~~Stratford~~*
City *Silverlake* State *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 Air Driven Domestic Industrial Municipal
Rotary Mud Dug Irrigation Test Well Other
Cable Bored Thermal: Withdrawal ReInjection

(4) PROPOSED USE (check):

(5) CASING INSTALLED: Steel Plastic
"4" Threaded Welded

"4" Diam. from *+1* ft. to *40* 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

Type Model No.

Diam. Slot Size Set from ft. to 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.

" " " " " "

Artesian test *1200* gal./min. with drill stem at *100* ft. *1* hrs.

Water 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*

Well sealed from land surface to *40* ft.

Diameter of well bore to bottom of seal *18* in.

Diameter of well bore below seal *10* in.

Number of sacks of cement used in well seal *25* sacks

How was cement grout placed? *Cement was mixed up 1" pipe run down along side of pressure grouted.*

Was pump installed? *NO* 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 bit

Was well gravel packed? Yes No Size of gravel:

Gravel placed from ft. to ft.

(10) LOCATION OF WELL:

County *Lake* Driller's well number

1/4 1/4 Section *15* T. *28* R. *16E* W.M.

Tax Lot # Lot Blk Subdivision

Address at well location: *5 south of Christmas Valley, OR.*

(11) WATER LEVEL: Completed well.

Depth at which water was first found *34* ft.

Static level *34* ft. below land surface. Date *1/30/80*

Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing *10"*

Depth drilled *276* ft. Depth of completed well *276* 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
Brown Clay	0	17	
Yellow Clay	17	24	
Green Clay	24	34	
Grey Stone	34	48	
Blue Stone	48	58	
Conglomerate	58	72	
Green Stone	72	97	
Blue Stone	97	140	
Conglomerate water bearing	140	190	
Blue Stone	190	205	
Lava Rock	205	215	
Blue Stone	215	221	
Blue Lava Rock	221	276	
Broken & W/B		276	

Work started *1/24* 19*80* Completed *1/30* 19*80*

Date well drilling machine moved off of well *1/30* 19*80*

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] *Mel Search* (Drilling Machine Operator) Date *2/14, 1980*

Drilling Machine Operator's License No. *699*

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 *Mel Search Well Drilling* (Person, firm or corporation) (Type or print)

Address *P.O. Box 432 Lebanon, OR.*

[Signed] *Mel Search* (Water Well Contractor)

Contractor's License No. *567* Date *2/14*, 19*80*