

WATER WELL REPORT STATE OF OREGON

UMAT 2569
NOV 26 1980
WATER RESOURCES DEPT
SALEM, OREGON

**UMAT
2569**

State Well No. **4N/28E-27bd**
State Permit No. _____

(1) OWNER:

Name **John BETZ**
Address **545 S.E. 14th Drive**
City **HEMISTON** State **OREG**

(2) TYPE OF WORK (check):

New Well Deepening Reconditioning Abandon

If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Air Driven
Rocky Mud Dug
Cable Bored

(4) PROPOSED USE (check):

Domestic Industrial Municipal
Irrigation Test Well Other
Thermal: Withdrawal Reinjection

(5) CASING INSTALLED:

Steel Plastic
Threaded Welded

" Diam. from **+2** ft. to **182** 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.
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

(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? _____

eld:	gal./min. with	ft. drawdown after	hrs.
"	"	"	"
Air test 100	gal./min. with drill stem at 305 ft.	1	hrs.
"	gal./min. with	ft. drawdown after	hrs.
Artesian flow	g.p.m.		
Temperature of water 66		Depth artesian flow encountered _____	ft.

(9) CONSTRUCTION:

Special standards: Yes No

Well seal—Material used **PORTLAND CEMENT**
Well sealed from land surface to **18** ft.
Diameter of well bore to bottom of seal **10** in.
Diameter of well bore below seal **6** in.
Number of sacks of cement used in well seal **10** sacks
How was cement grout placed? **PUMPED**

Was pump installed? _____ 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 off _____
Was well gravel packed? Yes No Size of gravel: _____
Gravel placed from _____ ft. to _____ ft.

(10) LOCATION OF WELL:

County **Umatilla** Driller's well number _____
Address **SE 1/4 NW 1/4 Section 27 T. 4N R. 28E W.M.**
Tax Lot # _____ Lot _____ Blk _____ Subdivision _____
Address at well location: **Butter Creek Highway**

(11) WATER LEVEL: Completed well.

Depth at which water was first found **185** ft.
Static level **102** ft. below land surface. Date **11-12-80**
Artesian pressure _____ lbs. per square inch. Date _____

(12) WELL LOG:

Diameter of well below casing **6"**

Depth drilled **325** ft. Depth of completed well **325** 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	0	10	
CLAY & SAND	10	182	
Black Sand & Black Basalt	182	185	
Blue Black Basalt + Green Talc	185	190	H ₂ O
Black Basalt	190	301	
Black Basalt & Red Basalt	301	325	H ₂ O

Work started **11-1** 19**80** Completed **11-12** 19**80**
Date well drilling machine moved off of well **11-12** 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] **Paul How** Date **11-12, 1980**
(Drilling Machine Operator)

Drilling Machine Operator's License No. **1385**

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 **LADD HOW WELL DRILLING**
(Person, firm or corporation) (Type or print)
Address **Rt. 6 Box 14 Pilot Rock, Oreg 97130**
[Signed] **Paul How**
(Water Well Contractor)
Contractor's License No. **739** Date **11-12** 19**80**