

Amended

STATE OF OREGON

WATER SUPPLY WELL REPORT

(as required by ORS 537.765 & OAR 690-205-0210)

HARN 52144

WELL I.D. LABEL#

111527

START CARD #

1025208

ORIGINAL LOG #

(1) LAND OWNER

Owner Well I.D. # 1
 First Name Marvin Last Name Casey
 Company Marvin Casey
 Address P.O. Box 115
 City Denio State NV Zip 89404

(2) TYPE OF WORK

☒ New Well ☐ Deepening ☐ Conversion
 Alteration (complete 2a & 10) ☐ Abandonment (complete 5a)

(2a) PRE-ALTERATION

Dia + From To Gauge Std Plstc Wld Thrd
 Casing: 16 ☒ 1.5 390 312 ☒ ☐ ☐ ☐
 Material From To Amt sacks/lbs
 Seal: Cement 0 50 7 Sacks

(3) DRILL METHOD

☐ Rotary Air ☐ Rotary Mud ☐ Cable ☐ Auger ☐ Cable Mud
☒ Reverse Rotary ☐ Other

(4) PROPOSED USE

☐ Domestic ☒ Irrigation ☐ Community
☐ Industrial/ Commercial ☐ Livestock ☐ Dewatering
☐ Thermal ☐ Injection ☐ Other

(5) BORE HOLE CONSTRUCTION

Depth of Completed Well 390 ft. Special Standard ☐ (Attach copy)

BORE HOLE				SEAL				sacks/
Dia	From	To	Material	From	To	Amt		lbs
42	0	50	Cement	0	50	7	S	
28	50	400				Calculated		
						Calculated		

How was seal placed: Method ☐ A ☐ B ☐ C ☐ D ☐ E
☒ Other Tremie pipe

Backfill placed from _____ ft. to _____ ft. Material _____

Filter pack from 0 ft. to 400 ft. Material gravel Size 3/4 +

Explosives used: ☐ Yes Type _____ Amount _____

(5a) ABANDONMENT USING UNHYDRATED BENTONITE

Proposed Amount Pounds Actual Amount Pounds

(6) CASING/LINER

Casing	Liner	Dia	+	From	To	Gauge	Std	Plstc	Wld	Thrd
☒	☒	36	☒	1	50	250	☒	☒	☒	☒
☒	☒	16	☒	1.5	390	312	☒	☒	☒	☒
☐	☐		☐				☐	☐	☐	☐
☐	☐		☐				☐	☐	☐	☐

Shoe ☐ Inside ☐ Outside ☐ Other Location of shoe(s) _____

Temp casing ☐ Yes Dia _____ From _____ To _____

(7) PERFORATIONS/SCREENS

Perforations Method Mill slot

Screens Type _____

Material _____

Perf/S	Casing/Screen	Dia	From	To	Scr/slot width	Slot length	# of slots	Telc/ pipe size
Perf	Casing	16	60	390	.25	3	32	

(8) WELL TESTS: Minimum testing time is 1 hour

☒ Pump ☐ Bailer ☐ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)
1,500	284	320	
1,000	164		
			36

Temperature 59 °F Lab analysis ☐ Yes By _____

Water quality concerns? ☐ Yes (describe below) TDS amount

From	To	Description	Amount	Units

(9) LOCATION OF WELL (legal description)

County HARNEY Twp 40 S N/S Range 36 E E/W WM
 Sec 20 SE 1/4 of the NW 1/4 Tax Lot _____
 Tax Map Number _____ Lot _____
 Lat _____ " or _____ DMS or DD
 Long _____ " or _____ DMS or DD
☐ Street address of well ☒ Nearest address

14827 Cottonwood Creek Fields, Oregon

(10) STATIC WATER LEVEL

Existing Well / Pre-Alteration	Date	SWL (psi)	+ SWL (ft)
Completed Well	01-13-2015		36
Flowing Artesian?			
Dry Hole?			

WATER BEARING ZONES

Depth water was first found 36

SWL Date	From	To	Est Flow	SWL (psi)	+ SWL (ft)
01-16-2015	48	390	1,500		

(11) WELL LOG

Ground Elevation _____

Material	From	To
Top soil	0	4
Silt - gravel	4	10
Brown clay	10	21
Flowing sand	21	36
Brown clay	36	48
Gray sand - gravel	48	87
Brown sand - gravel	87	110
Clean pea gravel	110	130
Brown sand - gravel	130	195
Red sand - gravel	195	220
Coarse red sand	220	260
Brown sand - gravel	260	320
Clean pea gravel	320	352
Brown sand - gravel	352	385
Blue clay	385	400

Date Started 01-12-2015

Completed 01-13-2015

(unbonded) Water Well Constructor Certification

I certify that the work I performed on the construction, deepening, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.

License Number _____ Date _____

Signed _____

(bonded) Water Well Constructor Certification

I accept responsibility for the construction, deepening, 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 water supply well construction standards. This report is true to the best of my knowledge and belief.

License Number 1948 Date 01-27-2015

Signed _____

Contact Info (optional) _____

ORIGINAL - WATER RESOURCES DEPARTMENT

THIS REPORT MUST BE SUBMITTED TO THE WATER RESOURCES DEPARTMENT WITHIN 30 DAYS OF COMPLETION OF WORK Form Version: 0.95