STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 537.765 & OAR 690-205-0210)

MALH 54137

6/9/2014

WELL I.D. LABEL# L 114801
START CARD # 1023009
ORIGINAL LOG #

(1) LAND OWNER

Owner Well I.D.
First Name WESTON Last Name
Company MOUNTAIN VALLEY ENTERPRISES
Address 2857 HERITAGE
City NYSSA State OR Zip 97913

(2) TYPE OF WORK

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

(2a) PRE-ALTERATION

	Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd
Casing:									

	Material	From	To	Amt	sacks/lbs
Seal:					

(3) DRILL METHOD

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

(4) PROPOSED USE

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

(5) BORE HOLE CONSTRUCTION

Special Standard ☐ (Attach copy)
Depth of Completed Well 389.00 ft.

BORE HOLE

Dia	From	To
22	0	228
17	228	400

SEAL

Material	From	To	Amt	sacks/lbs
Cement	2	180	283	S

How was seal placed: Method ☐ A ☐ B ☒ C ☐ D ☐ E
☐ Other
Backfill placed from 389 ft. to 400 ft. Material 3/8 PEA GRAVEL
Filter pack from 180 ft. to 389 ft. Material PEA GRAVE Size pea gravel
Explosives used: ☐ Yes Type Amount

(5a) ABANDONMENT USING UNHYDRATED BENTONITE

Proposed Amount Actual Amount

(6) CASING/LINER

Casing	Liner	Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd
●	○	12	☒	2	198	.250	●	○	☒	☐
●	○	4	☒	1.5	185	.250	●	○	☐	☒
●	○	12	☐	198	225	.375	●	○	☒	☐
●	○	12	☐	245	255	.375	●	○	☒	☐
●	○	12	☐	275	295	.375	●	○	☒	☐

Shoe ☐ Inside ☐ Outside ☐ Other Location of shoe(s)
Temp casing ☐ Yes Dia From To

(7) PERFORATIONS/SCREENS

Perforations Method
Screens Type 100 slot Johnson Material stainless

Perf/ Screen	Casing/ Liner	Screen Dia	From	To	Scrn/slot width	Slot length	# of slots	Tele/ pipe size
Screen	Casing	12	225	245	.1			12
Screen	Casing	12	255	275	.1			12
Screen	Casing	12	295	320	.1			12
Screen	Casing	12	369	384	.1			12

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

○ Pump ○ Bailer ◉ Air ○ Flowing Artesian

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)
500		389	1

Temperature 60 °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 MALHEUR Twp 20.00 S N/S Range 45.00 E E/W WM
Sec 13 SE 1/4 of the NE 1/4 Tax Lot 200
Tax Map Number Lot
Lat ° ' " or 43.83279900 DMS or DD
Long ° ' " or -117.16042600 DMS or DD
○ Street address of well ◉ Nearest address
ON THE NW CORNER OF THE PIVOT BEHIND 2727 TWILIGHT

(10) STATIC WATER LEVEL

	Date	SWL(psi)	+	SWL(ft)
Existing Well / Pre-Alteration				
Completed Well	6/9/2014			12

Flowing Artesian? ☐ Dry Hole? ☐

WATER BEARING ZONES Depth water was first found 20.00

SWL Date	From	To	Est Flow	SWL(psi)	+	SWL(ft)
5/9/2014	220	400	500			12

(11) WELL LOG

Ground Elevation

Material	From	To
clay	0	3
gravel	3	29
burnt/brittle brown clay	29	85
pea gravel and sands	85	125
fine sands	125	135
pea gravel and sands	135	140
blue clay	140	160
siltstone (hard)	160	161
blue clay	161	194
blue clay and siltstone layers	194	209
fine sand	209	218
blue clay	218	220
sand and pea gravel	220	224
fine sand	224	231
coarse sand and pea gravels	231	245
sandy blue clay or sandy shale	245	252
sand and pea gravel	252	275
blue clay	275	282
coarse sand and pea gravels	282	284

Date Started 5/8/2014 Complete 6/9/2014

(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 1818 Date 6/9/2014

Signed DANIEL MCLERAN (E-filed)

Contact Info (optional) 208-941-0647

ORIGINAL - WATER RESOURCES DEPARTMENT

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

WATER SUPPLY WELL REPORT - continuation page

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WELL I.D. LABEL# L 114801

START CARD # 1023009

ORIGINAL LOG #

(2a) PRE-ALTERATION

Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd

Material	From	To	Amt	sacks/lbs

(5) BORE HOLE CONSTRUCTION

BORE HOLE Dia	From	To	SEAL Material	From	To	Amt	sacks/lbs

FILTER PACK

From	To	Material	Size

(6) CASING/LINER

Casing	Liner	Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd
●	○	12		320	369	.375	●	○	X	
●	○	12		384	389	.250	●	○	X	
○	○						○	○		
○	○						○	○		
○	○						○	○		
○	○						○	○		
○	○						○	○		
○	○						○	○		
○	○						○	○		

(7) PERFORATIONS/SCREENS

Perf/ Screen	Casing/ Liner	Screen Dia	From	To	Scrn/slot width	Slot length	# of slots	Tele/ pipe size

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

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)

Water Quality Concerns

From	To	Description	Amount	Units

(10) STATIC WATER LEVEL

SWL Date	From	To	Est Flow	SWL(psi)	+	SWL(ft)

(11) WELL LOG

Material	From	To
hard fine sand or sandy blue clay/shale	284	296
coarse sand and pea gravels	296	320
hard fine sand or sandy blue clay/shale	320	369
med sand and pea gravels	369	383
black basalt (hard)	383	384
coarse sand and pea gravels	384	386
hard fine sand or sandy blue clay/shale	386	400

Comments/Remarks

We developed the screens for 30+ hours using high pressure air/water adding an additional 5 yards gravel-pack through the 4" pipe. Currently the 4" is full to the surface.