

STATE OF OREGON
WATER WELL REPORT
 (as required by ORS 537.765)

WATER RESOURCES DEPT.

(START CARD) #

MAY 1989

MALH 2511

22S/44E/5ab
 9256

(1) OWNER: Well Number: SALEM, OR (9)
 Name Atlas Precious Metals
 Address 743 Horizon Ct. Suite 202
 City Grand Junction State Co Zip 81506

(9) LOCATION OF WELL by legal description:

County Malheur Latitude _____ Longitude _____
 Township 22S Nor S, Range 44E E or W, WM.
 Section 5 NW 1/4 NE 1/4
 Tax Lot _____ Lot _____ Block _____ Subdivision _____
 Street Address of Well (or nearest address) _____

(2) TYPE OF WORK:

New Well Deepen Recondition Abandon

(3) DRILL METHOD

Rotary Air Rotary Mud Cable
 Other Auger

(4) PROPOSED USE:

Domestic Community Industrial Irrigation
 Thermal Injection Other

(5) BORE HOLE CONSTRUCTION:

Special Construction approval Yes No Depth of Completed Well _____ ft.

Explosives used Yes No Type _____ Amount _____

HOLE		SEAL		Amount sacks or pounds
Diameter	From To	Material	From To	
12"	0 18			
10	18 425			
		Cement grout	0 26	19

How was seal placed: Method A B C D E
 Other _____

Backfill placed from _____ ft. to _____ ft. Material Cement Grout
 Gravel placed from 100 ft. to 245 ft. Size of gravel NO. 8

(6) CASING/LINER:

Casing:	Diameter	From	To	Gauge	Steel				Plastic				Welded				Threaded			
					Steel	Plastic	Welded	Threaded	Steel	Plastic	Welded	Threaded	Steel	Plastic	Welded	Threaded	Steel	Plastic	Welded	Threaded
	10"	+2	99	.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	6"	+2	245	sch 80	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS:

Perforations Method _____
 Screens Type AAROVARK Material PVC sch 80

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
380	420	.020		6"		<input type="checkbox"/>	<input type="checkbox"/>
145	255	325-355				<input type="checkbox"/>	<input type="checkbox"/>

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

Pump Bailer Air Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
100	40'	300	1 hr.

Temperature of water _____ Depth Artesian Flow Found _____

Was a water analysis done? Yes By whom _____

Did any strata contain water not suitable for intended use? Too little

Salty Muddy Odor Colored Other _____

Depth of strata: _____

(10) STATIC WATER LEVEL:

40' ft. below land surface. Date 12-8-88

Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:

Depth at which water was first found 40'

From	To	Estimated Flow Rate	SWL
140-335	255	30 gpm	
320	355	50 gpm	
380	415	150 gpm	

(12) WELL LOG:

Ground elevation _____

Material	From	To	SWL
Overburden w/ boulders	0	17	0
Clay brown	17	140	0
Sandstone w/ blue clay	140	255	40
blue clay	255	320	40
Sandstone w/ blue clay	320	355	40
Blue clay	355	380	40
Fruited hard sandstone	380	415	40
Blue clay	415	425	40
=			
12-5-88 - 12-10-88			
+=====			

Redone surface seal to 26 feet using method 2 referring to letter sent January 9, 1989

Drilled around 10" casing to the depth of 26' using method C pumped 19 sacks of cement down hole

3-30-89 - 3-31-89

Incorporated to singel log per state request

Date started 12-5-88 Completed 3-31-89

(unbonded) Water Well Constructor Certification:

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

Signed Bob Doty WWC Number 1302 Date 4-15-89

(bonded) Water Well Constructor Certification:

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

Signed Bob Doty for Bill Doty WWC Number 333 Date 4/15/89