

JAN 0 2 1990

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

WATER RESOURCES DEPT.
SALEM, OREGON

Malheur
2306

215/44E/32bd
W-14815

(START CARD) # *W-14811*

(1) OWNER: Well Number: *PW-4*
Name *ATLAS PRECIOUS METALS*
Address *318 A STREET WEST*
City *VALE* State *OR* Zip *97918*

(2) TYPE OF WORK:
 New Well Deepen Recondition Abandon

(3) DRILL METHOD
 Rotary Air Rotary Mud Cable
 Other

(4) PROPOSED USE:
 Domestic Community Industrial Irrigation
 Thermal Injection Other

(5) BORE HOLE CONSTRUCTION:
Special Construction approval Yes No Depth of Completed Well *375* ft.
Explosives used Yes No Type _____ Amount _____

HOLE		SEAL		Amount	
Diameter	From To	Material	From To	sacks or pounds	
<i>1 1/4</i>	<i>0 40</i>	<i>PORTLAND CEMENT</i>	<i>0 40</i>	<i>19</i>	
<i>1 1/8</i>	<i>40 375</i>	<i>VOLCLAY CEMENT</i>	<i>5 5</i>	<i>40</i>	

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

Backfill placed from *375* ft. to *370* ft. Material *10-20 mesh*
Gravel placed from *370* ft. to *275* ft. Size of gravel *10-20 mesh*

Diameter	From	To	Gauge	Casing/Liner			
				Steel	Plastic	Welded	Threaded
<i>10"</i>	<i>0</i>	<i>40</i>	<i>.250</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>6 5/8"</i>	<i>0</i>	<i>280</i>	<i>.250</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>6 5/8"</i>	<i>300</i>	<i>340</i>	<i>.250</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS:

Perforations Method _____
 Screens Type *WIRE WOUND* Material *Low Carbon Steel*

From	To	Slot size	Number	Diameter	Telepipe size	Casing	Liner
<i>280</i>	<i>300</i>	<i>.030</i>		<i>6"</i>		<input type="checkbox"/>	<input checked="" type="checkbox"/>
<i>340</i>	<i>300</i>	<i>.030</i>		<i>6"</i>		<input type="checkbox"/>	<input checked="" type="checkbox"/>

(8) WELL TESTS: Minimum testing time is 1 hour
 Pump Bailor Air Flowing Artesian
Yield gal/min *100* Drawdown _____ Drill stem at *350* Time *1 hr.*

Temperature of water *62°F* 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: *280 STILL USABLE*

(9) LOCATION OF WELL by legal description:
County *MALHEUR* Latitude _____ Longitude _____
Township *215* N or S, Range *44E* E or W, WM.
Section *32* *SE* *1/4* *NW* *1/4*
Tax Lot _____ Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) _____

(10) STATIC WATER LEVEL:
81 ft. below land surface. Date *11/19/89*
Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:
Depth at which water was first found *280'*

From	To	Estimated Flow Rate	SWL
<i>280</i>	<i>360</i>	<i>100 gpm</i>	<i>81'</i>

(12) WELL LOG: Ground elevation *≅ 3350*

Material	From	To	SWL
<i>Alluvium</i>	<i>0</i>	<i>25'</i>	
<i>Clay</i>	<i>25</i>	<i>150'</i>	
<i>Sandy clay</i>	<i>150</i>	<i>175</i>	
<i>Sandstone</i>	<i>175</i>	<i>215</i>	
<i>Clay</i>	<i>215</i>	<i>275</i>	
<i>Sandstone</i>	<i>275</i>	<i>305</i>	
<i>Clay</i>	<i>305</i>	<i>325</i>	
<i>Sandstone and Conglomerate</i>	<i>325</i>	<i>365</i>	
<i>Clay</i>	<i>365</i>	<i>375</i>	

Date started *11/16/89* Completed *11/20/89*

(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 *John Hugg* WWC Number _____ Date *11/20/89*

(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 *Jerry Burd* WWC Number *544* Date *11-20-89*