#05

Umat 5450

RECEIVED
NOV - 2 1990
WATER RESOURCES DEPT
SALEM, OREGON

Pg. 1
4N/28E/24 bd

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

(START CARD) # 21804

(1) OWNER:
Well Number:
Name City of Hermiston
Address 180 NE 2nd
City Hermiston State OR Zip 97838

(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 1500 ft.
Explosives used Yes ☐ No ☒ Type Amount

HOLE Diameter	From	To	SEAL Material	From	To	Amount sacks or pounds
24"	0	228	Cement	0	650	500 sacks
19"	228	650				
15"	650	1085				
10"	1085	1500				

How was seal placed: Method ☒ A ☐ B ☐ C ☐ D ☐ E
☐ Other
Backfill placed from ft. to ft. Material
Gravel placed from ft. to ft. Size of gravel

(6) CASING/LINER:

	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:	16"	+2	650	.375	☒	☐	☒	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
Liner:					☐	☐	☐	☐
					☐	☐	☐	☐

Final location of shoe(s)

(7) PERFORATIONS/SCREENS:
☐ Perforations Method
☐ Screens Type Material

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
						☐	☐
						☐	☐
						☐	☐
						☐	☐
						☐	☐
						☐	☐

(8) WELL TESTS: Minimum testing time is 1 hour
☒ Pump ☐ Bailer ☐ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
2500+ (pump test	42	by Layne Pump, Pasco, WA	1 hr.

Temperature of water 32°C Depth Artesian Flow Found
Was a water analysis done? ☒ Yes By whom Coffey Lab
Did any strata contain water not suitable for intended use? ☐ Too little
☐ Salty ☐ Muddy ☐ Odor ☐ Colored ☐ Other
Depth of strata:

(9) LOCATION OF WELL by legal description:
County Umatilla Latitude ' " Longitude ' "
Township 4N N or S, Range 28E E or W, WM.
Section 24 SE ¼ NW ¼
Tax Lot Lot 4 Block 1 Subdivision
Street Address of Well (or nearest address) Hwy. 395, South of Hermiston Foods

(10) STATIC WATER LEVEL:
380 ft. below land surface. Date 8-22-90
Artesian pressure lb. per square inch. Date

(11) WATER BEARING ZONES:
Depth at which water was first found 215

From	To	Estimated Flow Rate	SWL
160	225	50	58
447	468	100+	58
	(Cont.)		

(12) WELL LOG:
Ground elevation

Material	From	To	SWL
Silty-sand	0	10	
Brown clay with round cobbles	10	13	
Brown claystone	13	68	
Silty brown clay	68	97	
Brown clay with some gravel	97	115	
Gray clay	115	142	
Brown clay	142	160	
Sandy brown clay	160	225	WB
Gray basalt, hard	225	315	
Soft brown basalt	315	322	
Gray basalt, med.	322	360	
Green clay	360	394	
Gray basalt	394	447	
Red basalt with green soapstone	447	468	WB
Gray basalt, hard	468	538	
Red basalt	538	547	
Gray basalt	547	559	
Red basalt with green soapstone	559	571	
	(Cont.)		

Date started 6-28-90 Completed 9-26-90

(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.

WWC Number
Signed Date

(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.

WWC Number 1218
Signed Patrick Wallace Date 10-26-90

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Umat 5459

STATE OF OREGON

WATER WELL REPORT

(as required by ORS 537.765)

(START CARD) # 21804

(1) OWNER:

Well Number: 6

Name City of Hermiston

Address

City State Zip

(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 ____ ft.

Explosives used Yes ☐ No ☐ Type ____ Amount ____

HOLE Diameter	From	To	SEAL Material	From	To	Amount sacks or pounds

How was seal placed: Method ☐ A ☐ B ☐ C ☐ D ☐ E

☐ Other

Backfill placed from ____ ft. to ____ ft. Material ____

Gravel placed from ____ ft. to ____ ft. Size of gravel ____

(6) CASING/LINER:

	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
Liner:					☐	☐	☐	☐
					☐	☐	☐	☐

Final location of shoe(s)

(7) PERFORATIONS/SCREENS:

☐ Perforations Method

☐ Screens Type Material

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
						☐	☐
						☐	☐
						☐	☐
						☐	☐
						☐	☐
						☐	☐

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

☐ Pump ☐ Bailer ☐ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
			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: ____

(9) LOCATION OF WELL by legal description:

County ____ Latitude ____ Longitude ____

Township ____ N or S, Range ____ E or W, WM.

Section ____ ____ ¼ ____ ¼

Tax Lot ____ Lot ____ Block ____ Subdivision ____

Street Address of Well (or nearest address) ____

(10) STATIC WATER LEVEL:

____ ft. below land surface. Date ____

Artesian pressure ____ lb. per square inch. Date ____

(11) WATER BEARING ZONES:

Depth at which water was first found ____

From	To	Estimated Flow Rate	SWL
716	765	500+	380
1065	1075	800+	380
	(Cont.)		

(12) WELL LOG:

Ground elevation ____

Material	From	To	SWL
Gray basalt	571	605	
Red & gray basalt with green soapstone	605	616	
Red basalt	616	625	
Black basalt, med.	625	659	
Gray basalt, hard	659	716	
Porous gray basalt with green soapstone	716	765	WB
Gray basalt, hard	765	814	
Soft red & gray basalt	814	829	
Gray basalt, hard	829	998	
Soft gray basalt with green soapstone	998	1014	
Gray basalt	1014	1042	
Black basalt, med. hard	1042	1065	
Soft gray basalt with green soapstone	1065	1075	WB
Gray basalt	1075	1230	
Black basalt	1230	1246	
		(Cont.)	

Date started ____ Completed ____

(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.

WWC Number ____

Signed ____ Date ____

(bonded) Water Well Constructor Certification:

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WWC Number 1218

Signed Patrick Wallace Date 10-26-90

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WATER RESOURCES DEPT.
SALEM, OREGON

Pg. 3

Water 5450

STATE OF OREGON

WATER WELL REPORT

(as required by ORS 537.765)

(START CARD) # 21804

(1) OWNER:

Well Number: 6

Name City of Hermiston

Address

City State Zip

(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 ____ ft.

Explosives used Yes ☐ No ☐ Type ____ Amount ____

HOLE Diameter	From	To	SEAL Material	From	To	Amount sacks or pounds

How was seal placed: Method ☐ A ☐ B ☐ C ☐ D ☐ E

☐ Other

Backfill placed from ____ ft. to ____ ft. Material ____

Gravel placed from ____ ft. to ____ ft. Size of gravel ____

(6) CASING/LINER:

	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
Liner:					☐	☐	☐	☐
					☐	☐	☐	☐

Final location of shoe(s)

(7) PERFORATIONS/SCREENS:

☐ Perforations Method

☐ Screens Type Material

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
						☐	☐
						☐	☐
						☐	☐
						☐	☐
						☐	☐
						☐	☐

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

☐ Pump ☐ Bailer ☐ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
			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:

(9) LOCATION OF WELL by legal description:

County Latitude ' " Longitude ' "

Township N or S, Range E or W, WM.

Section ¼ ¼

Tax Lot Lot Block Subdivision

Street Address of Well (or nearest address)

(10) STATIC WATER LEVEL:

ft. below land surface. Date

Artesian pressure lb. per square inch. Date

(11) WATER BEARING ZONES:

Depth at which water was first found

From	To	Estimated Flow Rate	SWL
1371	1395	4,000+	380

(12) WELL LOG:

Ground elevation

Material	From	To	SWL
Gray basalt	1246	1262	
Red & gray basalt	1262	1275	
Gray basalt	1275	1290	
Black basalt	1290	1303	
Gray basalt	1303	1371	
Black basalt with white crystals	1371	1395	WB
Gray basalt, hard	1395	1500	

Date started Completed

(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.

WWC Number

Signed Date

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