

# Revisions Requested MAT 57863

START CARD # 1033861

8/22/2017

ORIGINAL LOG #

**(1) LAND OWNER**

Owner Well I.D. 117321

First Name MONTY Last Name CRUMCompany CRUM RANCHES LLCAddress BOX 121City IONE State OR Zip 97843**(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 Thrld

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/ Commercial  Livestock  Dewatering Thermal  Injection  Other \_\_\_\_\_**(5) BORE HOLE CONSTRUCTION**Special Standard  (Attach copy)Depth of Completed Well 908.00 ft.**BORE HOLE**

Dia	From	To	Material	From	To	Amt	sacks/lbs
28	0	47	Bentonite Chips	0	32	72	S
24	47	60			Calculated		
20	60	900	Cement	32	480	730	S
9.88	900	1124			Calculated	261.56	

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

Backfill placed from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Material \_\_\_\_\_

Filter pack from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Material \_\_\_\_\_ Size \_\_\_\_\_

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 Thrld

<input checked="" type="checkbox"/>	<input type="checkbox"/>	24	<input checked="" type="checkbox"/>	1	47	.375	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	16	<input type="checkbox"/>	0	480	.375	<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"/>	<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"/>				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Shoe  Inside  Outside  Other Location of shoe(s) \_\_\_\_\_Temp casing  Yes Dia \_\_\_\_\_ From + \_\_\_\_\_ To \_\_\_\_\_**(7) PERFORATIONS/SCREENS**

Perforations Method \_\_\_\_\_

Screens Type \_\_\_\_\_ Material \_\_\_\_\_

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

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** Pump  Bailer  Air  Flowing Artesian

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

1500		900	5

Temperature 70 °F Lab analysis  Yes By \_\_\_\_\_Water quality concerns?  Yes (describe below) TDS amount 200 ppm

From To Description Amount Units


**(9) LOCATION OF WELL (legal description)**County UMATILLA Twp 1.00 N N/S Range 29.00 E E/W WMSec 12 SE 1/4 of the NW 1/4 Tax Lot 600

Tax Map Number \_\_\_\_\_ Lot \_\_\_\_\_

Lat \_\_\_\_\_ " or \_\_\_\_\_ DMS or DD

Long \_\_\_\_\_ " or \_\_\_\_\_ DMS or DD

 Street address of well  Nearest address

BASE LINE 8M CANYON ROAD

**(10) STATIC WATER LEVEL**

Date SWL(psi) + SWL(ft)

Existing Well / Pre-Alteration			
Completed Well	8/7/2017		287

Flowing Artesian?  Dry Hole? **WATER BEARING ZONES**Depth water was first found 549.00

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

4/3/2017	549	583	500		287
4/27/2017	808	830	500		287
5/1/2017	864	877	500		287
5/17/2017	1066	1104	1000		304

**(11) WELL LOG**

Ground Elevation \_\_\_\_\_

Material	From	To
silt	0	3
calichee	3	7
broken basalt	7	10
brown sandstone	10	15
broken basalt	15	19
brown sandstone	19	42
black basalt	42	224
black/red cinders	224	229
black/red cinders & calichee	229	256
black basalt	256	283
black/brown/red fractured vesicular	283	362
black basalt	362	511
fractured black vesicular/hard blue clay	511	517
black basalt	517	549
fract brown/black basalt & hard tan clay	549	583
brown vesicular/tan clay	583	600
black basalt	600	719
fractured black basalt	719	723
hard gray basalt	723	808

Date Started 3/24/2017 Completed 8/8/2017**(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 1766 Date 8/22/2017Signed BRANDON C BROWN (E-filed)Contact Info (optional) brandon@waterwelldeveloping.com

