Revisions Requested MAT 57863

WELL I.D. LABEL# START CARD# ORIGINAL LOG#

		Page 1 of 2
L	117321	
	1033861	

	0/22/2017 OMOTAL EOG "			
(1) LAND OWNER Owner Well I.D. 117321				
First Name MONTY Last Name CRUM	(9) LOCATION OF WELL (legal description)			
Company CRUM RANCHES LLC	County UMATILLA Twp 1.00 N N/S Range 29.00 E E/V	w wm		
Address BOX 121	Sec 12 SE 1/4 of the NW 1/4 Tax Lot 600			
City IONE State OR Zip 97843 (2) TYPE OF WORK New Well Deepening Conversion	Tax Man Number			
(2) TYPE OF WORK New Well Deepening Conversion	Tax Map Number Lot Lat '	or DD		
Alteration (complete 2a & 10) Abandonment(complete 5a)	Long or DMS o			
(2a) PRE-ALTERATION Dia + From To Gauge Stl Plstc Wld Thrd	Street address of well Nearest address	n DD		
Casing: Gauge Sti Piste Wid Tilld	BASE LINE 8M CANYON ROAD			
Material From To Amt sacks/lbs	BASE EINE OIL CHANTON KOND			
Seal:				
(3) DRILL METHOD	(10) STATIC WATER LEVEL			
Rotary Mud Cable Auger Cable Mud	Date SWL(psi) + SWL(ft	t)		
Reverse Rotary Other	Existing Well / Pre-Alteration			
	Completed Well 8/7/2017 287			
(4) PROPOSED USE Domestic Irrigation Community	Flowing Artesian? Dry Hole?			
Industrial/ Commericial Livestock Dewatering	WATER BEARING ZONES Depth water was first found 549.00			
Thermal Injection Other	SWL Date From To Est Flow SWL(psi) + SWL(1	ft)		
(5) BORE HOLE CONSTRUCTION Special Standard (Attach copy)				
Depth of Completed Well 908.00 ft.				
	4/27/2017 808 830 500 287	_		
BORE HOLE SEAL sacks/ Dia From To Material From To Amt lbs	5/1/2017 864 877 500 287	_		
28 0 47 Bentonite Chips 0 32 72 S	5/17/2017 1066 1104 1000 304	<u> </u>		
24 47 60 Calculated				
20 60 900 Cement 32 480 730 S	(4) 1971 1 1 0 0			
9.88 900 1124 Calculated 261.56	(11) WELL LOG Ground Elevation			
How was seal placed: Method A B B C D E	Material From To			
X Other BENTONITE POURED	silt 0 3			
Backfill placed from ft. to ft. Material	caleachee 3 7			
Filter pack from ft. to ft. Material Size	broken basalt 7 10			
Explosives used: Yes Type Amount	brown sandstone 10 15			
	broken basalt 15 19			
(5a) ABANDONMENT USING UNHYDRATED BENTONITE	brown sandstone 19 42			
Proposed Amount Actual Amount	black basalt 42 224			
(6) CASING/LINER	black/red cinders 224 229 black/red cinders & caleachee 229 256			
Casing Liner Dia + From To Gauge Stl Plstc Wld Thrd	black basalt 256 283			
	black/brown/red fractured vesicular 283 362			
● 16 □ 0 480 .375 ● X	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			
Shoe Inside Outside Other Location of shoe(s)	brown vesicular/tan clay 583 600			
Temp casing Yes Dia From + To	black basalt 600 719			
(7) PERFORATIONS/SCREENS	fractured black basalt 719 723			
Perforations Method	hard gray basalt 723 808			
Screens Type Material	Date Started 3/24/2017 Completed 8/8/2017			
Perf/ Casing/ Screen Scrn/slot Slot # of Tele/		_		
Screen Liner Dia From To width length slots pipe size	(unbonded) Water Well Constructor Certification			
	I certify that the work I performed on the construction, deepening, alteratiabandonment of this well is in compliance with Oregon water supply			
	construction standards. Materials used and information reported above are t			
	the best of my knowledge and belief.	u uo to		
	License Number Date			
(O) VICE I DECORD NO. 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	But			
(8) WELL TESTS: Minimum testing time is 1 hour	Signed			
Pump Bailer • Air Flowing Artesian				
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)	(bonded) Water Well Constructor Certification			
1500 900 5	I accept responsibility for the construction, deepening, alteration, or abandon			
	work performed on this well during the construction dates reported above. A			
	performed during this time is in compliance with Oregon water suppl			
Temperature 70 °F Lab analysis Yes By	construction standards. This report is true to the best of my knowledge and b	ener.		
Water quality concerns? Yes (describe below) TDS amount 200 ppm From To Description Amount Units	License Number 1766 Date 8/22/2017			
From To Description Amount Units	Signed BRANDON C BROWN (E-filed)			
	Contact Info (optional) brandon@waterwelldeveloping.com			
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8/22/2017

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WELL I.D. LABEL# L	117321	
START CARD #	1033861	
ORIGINAL LOG#		

67.	ORIGINAL EOG		
2a) PRE-ALTERATION	Water Quality Concerns		
Dia + From To Gauge Stl Plstc Wld Thrd			TT *
Troin To Gauge Sti Tiste Wid Tind	From To Description	Amount	Units
Material From To Amt sacks/lbs			+
Filterial 110III 10 Aint sacks/105			
			+
	(10) CTATIC WATER LEVEL		
5) BORE HOLE CONSTRUCTION	(10) STATIC WATER LEVEL		
	SWL Date From To Est Flow	SWL(psi) +	SWL(ft)
BORE HOLE SEAL sacks/			
Dia From To Material From To Amt lbs			
Calculated			
		⊔	
FILTER PACK	(11) WELL LOC		
From To Material Size	(11) WELL LOG		
	Material	From	To
	brown/red cinders	808	816
		816	830
	fractured black basalt	830	
6) CASING/LINER	hard gray basalt brown vesicular	864	864 877
) CASHIG/LINER	med black basalt	877	924
Casing Liner Dia + From To Gauge Stl Plstc Wld Thrd			
Cusing Enter Dia + From To Gaage Sti Tiste With Tind	hard gray basalt	924	950
	med brown basalt	950	959
	fractured black basalt	959	980
	hard gray basalt	980	1066
	black frac/vesic basalt	1066	1100
	fractured brown basalt	1100	1109
	black basalt	1109	1124
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		L	
A DEDEAD ATIONS/SCREENS			
7) PERFORATIONS/SCREENS			
Perf/ Casing/ Screen Scrn/slot Slot # of Tele/			
Screen Liner Dia From To width length slots pipe siz	e		
2.00 2.00 2.00 F.F. S. S. S. F.F. S. S. S. F.F. S. S. S. S. F.F. S. S. S. S. S. F.F. S.			
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	Comments/Remarks		
	Comments/Acmarks		
(8) WELL TESTS: Minimum testing time is 1 hour			
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Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)			