

# Cement Post Job Report

**Ursa Operating Co. LLC**  
1050 17th Street, Suite 2400  
Denver, CO 80265

**Monument Ridge B 44C-08-07-95**  
05-045-22964  
S:8 T:7S R:95W  
Garfield, CO

**Prepared For:**

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**Job Completion Data:**

10/22/2016  
CallSheet #: 336  
Proposal #: 12583

**Submitted by:**

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## Job Logs

Line	#	Event	Date (MM/DD/YY)	Time (HH:MM)	Density (lb/gal)	Pump Rate (bpm)	Pump Volume (bbls)	Pipe Pressure (psi)	Comment
1		Call out	10/21/2016	17:00					Customer Called Crew out at 10/21/2016 at 17:00
2		Arrive on location	10/21/2016	20:30					Crew Arrived on location at 20:30 received Well info from customer. Had to wait to spot equipment, rig running casing
3		Wait for rig to run Casing	10/21/2016	22:00					Rig finished running Casing TD 1725 Ft. TP 1710 Ft. Shoe Joint 44 Ft. Hole size 12 1/4. mud weight 9.9 ppg Casing 8 5/8 32 Lb.
4		Pre Rig up safety meeting	10/21/2016	22:15					With ALTCem crew talked about the hazards of spotting and rigging up equipment.
5		Spot Equipment	10/21/2016	23:30					Spot in Body load and pump truck
6		Rig up Equipment	10/22/2016	01:00					Rigged up Water, high Pressure hose, Water hose.
7		Pre Job Safety meeting	10/22/2016	01:30					With ALTCem crew and rig crew talked about the hazards of pumping cement job.
8		Start Job	10/22/2016	01:50					ALTCem took control of the well
9		Test lines	10/22/2016	02:00	8.33	1	2		Tested lines to 3000psi had to shut down to re-tighten the bowl into the casing
10		Pump Water Spacer	10/22/2016	02:14	8.33	4	20	150	Pumped 20 bbls of water spacer ahead at 2 bpm 8.33 ppg
11		Pump Lead Cement	10/22/2016	02:28	12	8	111	300	Mix and pump 247 sks of ALTCem S100-12 lead AT 12.00 PPG 2.52 Yield 14.80 Gal/sks at 8 bpm
12		Pump Tail Cement	10/22/2016	02:36	12.5	8	47.05	275	Mix and pump 119 Sks of ALTCem S100-12 Tail at 12.50 ppg 12.50 PPG 2.22 Yield 12.53Gal/sks at 8 bpm Psi
13		Shutdown	10/22/2016	02:38					Shutdown, line out Valves on Cement head to positive displace top plug
14		Drop top plug	10/22/2016	02:39					Drop top plug
15		Pump Displacement	10/22/2016	02:45	8.33	8	90	500	Pump fresh water displacement
16		Slow Rate	10/22/2016	02:51	8.33	2	10	400	Slow rate to bump plug
17		Bump Plug	10/22/2016	02:52					Bump plug final Circulating pressure was 400psi and bumped it up to 1000psi
18		Check Floats	10/22/2016	03:01					Floats held returned .5 BBLs back to pump truck
19		Rig down iron	10/22/2016	04:15					Rig down iron
20		Leave location	10/22/2016	05:00					Leave location