

Ursa Resources Group II LLC

Bat 24B-18-07-95

**Capstar 321**

# **Post Job Summary**

## **Cement Surface Casing**

Date Prepared: 09/16/2015

Job Date: 05/02/2015

Submitted by: Jenna Cook – Grand Junction Cement Engineer

## 1.0 Real-Time Job Summary

### 1.1 Job Event Log

Event	6	Rig-Up Equipment	Rig-Up Equipment	5/1/2015	23:00:00	USER						1 HT-400 PUMP TRUCK (ELITE # 4) 2 660 BULK TRUCKS 1 F-550 PICKUP
Event	7	Pre-Job Safety Meeting	Pre-Job Safety Meeting	5/2/2015	00:10:00	USER						ALL HES EMPLOYEES AND RIG CREW
Event	8	Start Job	Start Job	5/2/2015	00:22:00	USER						TD: 1877 TP: 1869.09 SJ: 45.07 CSG: 8 5/8 32# OH: 12 1/4 MUD WT: 9.3 PPG 36 VIS
Event	9	Prime Pumps	Prime Lines	5/2/2015	00:22:54	COM5	8.33	2.0	84	2.0		PRIME LINES WITH 2 BBLs FRESH WATER
Event	10	Test Lines	Test Lines	5/2/2015	00:24:27	COM5	8.33	0.0	3667	2.0		PRESSURE TEST OK
Event	11	Pump Spacer 1	Pump Fresh Water Spacer	5/2/2015	00:28:58	COM5	8.33	4.0	132	20		PUMP 20 BBL FRESH WATER SPACER
Event	12	Pump Lead Cement	Pump Lead Cement	5/2/2015	00:38:11	COM5	12.3	5.0	131	123.6		282 SKS 12.3 PPG 2.46 YIELD 14.17 GAL/SK LEAD CEMENT WEIGHT VERIFIED VIA PRESSURIZED MUD SCALES
Event	13	Pump Tail Cement	Pump Tail Cement	5/2/2015	01:02:34	COM5	12.8	5.0	135	44.3		114 SKS 12.8 PPG 2.18 YIELD 12.11 GAL/SK TAIL CEMENT WEIGHT VERIFIED VIA PRESSURIZED MUD SCALES
Event	14	Other	Shutdown	5/2/2015	01:11:57	COM5						
Event	15	Drop Top Plug	Drop Top Plug	5/2/2015	01:17:36	COM5						PLUG AWAY NO PROBLEMS WASHED UP ON TOP OF THE PLUG AS PER COMPANY REP
Event	16	Pump Displacement	Pump Displacement	5/2/2015	01:18:35	COM5	8.33	6.0	438	111.1		FRESH WATER DISPLACEMENT
Event	17	Slow Rate	Slow Rate	5/2/2015	01:35:30	USER	8.33	2.0	486	80		SLOW RATE CEMENT TO

											SURFACE
Event	18	Bump Plug	Bump Plug	5/2/2015	01:49:31	COM5	8.33	2.0	1039	111.1	PSI BEFORE BUMPING PLUG @ 486 BUMPED UP TO 1039 PSI
Event	19	Check Floats	Check Floats	5/2/2015	01:51:35	USER					FLOATS HELD 1/2 BBL BACK TO DISPLACEMENT TANKS
Event	20	End Job	End Job	5/2/2015	01:53:02	COM5					GOOD RETURNS THROUGHOUT THE JOB RETURNED 30 BBL OF CEMENT TO SURFACE
Event	21	Pre-Rig Down Safety Meeting	Pre-Rig Down Safety Meeting	5/2/2015	02:00:00	USER					ALL HES EMPLOYEES
Event	22	Rig-Down Equipment	Rig-Down Equipment	5/2/2015	02:01:00	USER					
Event	23	Pre-Convoy Safety Meeting	Pre-Convoy Safety Meeting	5/2/2015	02:55:00	USER					ALL HES EMPLOYEES
Event	24	Crew Leave Location	Crew Leave Location	5/2/2015	03:00:00	USER					THANK YOU FOR USING HALLIBURTON CEMENT DUSTIN SMITH AND CREW

The Road to Excellence Starts with Safety

Sold To #: 369755	Ship To #: 3662032	Quote #: 0022041135	Sales Order #: 0902375990
Customer: URSA RESOURCES GROUP II LLC		Customer Rep: CRAIG SMITH	
Well Name: BAT	Well #: 24B-18-07-95	API/UWI #: 05-045-22836-00	
Field: PARACHUTE	City (SAP): PARACHUTE	County/Parish: GARFIELD	State: COLORADO
Legal Description: SE SE-18-7S-95W-256FSL-824FEL			
Contractor: CRAIG DRLG		Rig/Platform Name/Num: CRAIG 7	
Job BOM: 7521			
Well Type: DIRECTIONAL GAS			
Sales Person: HALAMERICA\HB80977		Srvc Supervisor: Dustin Smith	

**Job**

Formation Name	
Formation Depth (MD)	Top Bottom
Form Type	BHST
Job depth MD	1870ft Job Depth TVD
Water Depth	Wk Ht Above Floor 0 FT
Perforation Depth (MD)	From To

**Well Data**

Description	New / Used	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
Casing		8.625	7.921	32	LTC	J-55	0	1869	0	0
Open Hole Section			12.25				0	1877	0	0

**Tools and Accessories**

Type	Size in	Qty	Make	Depth ft	Type	Size in	Qty	Make
Guide Shoe	8.625			1869	Top Plug	8.625	1	HES
Float Shoe	8.625							
Float Collar	8.625			1824.02				
Insert Float	8.625				Plug Container	8.625	1	HES
Stage Tool	8.625				Centralizers	8.625		

**Miscellaneous Materials**

Gelling Agt	Conc	Surfactant	Conc	Acid Type	Qty	Conc
Treatment Fld	Conc	Inhibitor	Conc	Sand Type	Size	Qty

**Fluid Data**

Stage/Plug #: 1										
Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft3/sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal	
1	Water	Water	20	bbl	8.33			2.0		
Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft3/sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal	
2	Lead Cement	VARICEM (TM) CEMENT	282	sack	12.3	2.46		5.0	14.17	

0.25 lbm		POLY-E-FLAKE (101216940)							
<b>Fluid #</b>	<b>Stage Type</b>	<b>Fluid Name</b>	<b>Qty</b>	<b>Qty UoM</b>	<b>Mixing Density lbm/gal</b>	<b>Yield ft<sup>3</sup>/sack</b>	<b>Mix Fluid Gal</b>	<b>Rate bbl/mi n</b>	<b>Total Mix Fluid Gal</b>
3	Tail Cement	VARICEM (TM) CEMENT	114	sack	12.8	2.18		5.0	12.11
0.25 lbm		POLY-E-FLAKE (101216940)							
<b>Fluid #</b>	<b>Stage Type</b>	<b>Fluid Name</b>	<b>Qty</b>	<b>Qty UoM</b>	<b>Mixing Density lbm/gal</b>	<b>Yield ft<sup>3</sup>/sack</b>	<b>Mix Fluid Gal</b>	<b>Rate bbl/mi n</b>	<b>Total Mix Fluid Gal</b>
4	Displacement	Displacement	111.1	bbl	8.33			6.0	
<b>Cement Left In Pipe</b>	<b>Amount</b>	45.07 ft			<b>Reason</b>			Shoe Joint	
<b>Mix Water:</b>	PH 7	<b>Mix Water Chloride:</b>	0 ppm		<b>Mix Water Temperature:</b>		61 °F °C		
		<b>Plug Displaced by:</b>	8.33 lb/gal						
<b>Plug Bumped?</b>	Yes	<b>Bump Pressure:</b>	#### psi MPa		<b>Floats Held?</b>		Yes		
<b>Cement Returns:</b>	30 bbl								
<b>Comment</b>									