

Ursa Resources Group II LLC

BAT 34B-24-07-96

**Craig 7**

## **Post Job Summary**

# **Cement Surface Casing**

Date Prepared: 10/12/2014  
Job Date: 10/08/2014

Submitted by: Patrick Ealey – Grand Junction Cement Engineer

*The Road to Excellence Starts with Safety*

Sold To #: 369755		Ship To #: 3521908		Quote #:		Sales Order #: 0901729250	
Customer: URSA RESOURCES GROUP II LLC				Customer Rep: Craig Smith			
Well Name: BAT			Well #: 34B-24-07-96			API/UWI #: 05-045-22416-00	
Field: WILDCAT		City (SAP): PARACHUTE		County/Parish: GARFIELD		State: COLORADO	
Legal Description: NE SW-24-7S-96W-1835FSL-2056FWL							
Contractor:				Rig/Platform Name/Num: Craig 7			
Job BOM: 7521							
Well Type: DIRECTIONAL GAS							
Sales Person: HALAMERICA\HB80977				Srvc Supervisor: Edward Deussen			
Job							

Formation Name	
Formation Depth (MD)	Top Bottom
Form Type	BHST
Job depth MD	1848ft Job Depth TVD
Water Depth	Wk Ht Above Floor
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	1848		
Open Hole Section			12.25				0	1867		

Tools and Accessories									
Type	Size in	Qty	Make	Depth ft		Type	Size in	Qty	Make
Guide Shoe						Top Plug	8.625	1	HES
Float Shoe						Bottom Plug			
Float Collar						SSR plug set			
Insert Float						Plug Container	8.625	1	HES
Stage Tool						Centralizers			

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	bbbl	8.33			4.0	

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	320	sack	12.3	2.45		5.0	14.17

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
3	Tail Cement	VARICEM (TM) CEMENT		140	sack	12.8	2.18		5.0	12.11
Cement Left In Pipe		Amount	42.2 ft		Reason		Shoe Joint			
Comment										

## 3.1 Job Event Log

Type	Seq No.	Activity	Date	Time	Source	DH Density (ppg)	Comb Pump Rate (bbl/min)	PS Pump Press (psi)	Pump Stg Tot (bbl)	Comment
Event	1	Call Out	10/8/2014	16:00:00	USER					Crew already in field
Event	2	Pre-Convoy Safety Meeting	10/8/2014	16:15:00	USER					
Event	3	Crew Leave Location	10/8/2014	16:30:00	USER					1 Elite, 2 660s, 1 pickup
Event	4	Arrive at Location from Other Job or Site	10/8/2014	17:30:00	USER					Rig still running casing
Event	5	Assessment Of Location Safety Meeting	10/8/2014	17:45:00	USER					JSA performed
Event	6	Pre-Rig Up Safety Meeting	10/8/2014	18:00:00	USER					
Event	7	Rig-Up Equipment	10/8/2014	18:15:00	USER					Hard line to casing, water hose to upright, bulk hose to 660s
Event	8	Rig-Up Completed	10/8/2014	19:15:00	USER					
Event	9	Pre-Job Safety Meeting	10/8/2014	20:00:00	USER					Mud 9.5 ppg
Event	10	Start Job	10/8/2014	20:27:19	COM5					TD 1867', TP 1848', SJ 42.2', 12 1/4" OH. 8 5/8" 32# J-55 csg
Event	11	Prime Pumps	10/8/2014	20:29:33	COM5	8.33	2.0	548	2.0	Fresh Water
Event	12	Test Lines	10/8/2014	20:34:30	COM5			3845		Pressure held well
Event	13	Pump Spacer 1	10/8/2014	20:36:28	COM5	8.33	4.0	126	20.0	Fresh Water
Event	14	Pump Lead Cement	10/8/2014	20:45:07	COM5	12.3	5.0	172	139.6	320 sks, 12.3 ppg, 2.45 yield, 14.17 gal/sk
Event	15	Pump Tail Cement	10/8/2014	21:11:31	COM5	12.8	5.0	61	54.4	140 sks, 12.8 ppg, 2.18 yield, 12.11 gal/sk
Event	16	Shutdown	10/8/2014	21:22:32	USER					Wash up on top of plug
Event	17	Drop Top Plug	10/8/2014	21:25:51	COM5					
Event	18	Pump Displacement	10/8/2014	21:26:57	COM5	8.33	6.0	378	110.0	Fresh Water
Event	19	Slow Rate	10/8/2014	21:39:48	USER	8.33	2.0	270	10.0	Good returns throughout job

Event	20	Bump Plug	10/8/2014	22:00:12	COM5	417	45 bbls cement to surface
Event	21	Check Floats	10/8/2014	22:02:53	USER	948	Floats held - 1 bbl flowback
Event	22	End Job	10/8/2014	22:04:43	COM5		40 lbs sugar used
Event	23	Pre-Rig Down Safety Meeting	10/8/2014	22:30:00	USER		
Event	24	Rig-Down Equipment	10/8/2014	22:45:00	USER		
Event	25	Rig-Down Completed	10/8/2014	23:30:00	USER		
Event	26	Pre-Convoy Safety Meeting	10/8/2014	23:40:00	USER		
Event	27	Crew Leave Location	10/8/2014	23:50:00	USER		Thank you for using Halliburton