

Ursa Resources Group II LLC

BAT 24B-24-07-96

**Craig #7**

# **Post Job Summary**

## **Cement Surface**

Date Prepared: 09/24/14  
Job Date: 09/19/14

Submitted by: Evan Russell – Grand Junction Cement Engineer

The Road to Excellence Starts with Safety

Sold To #: 369755	Ship To #: 3521973	Quote #:	Sales Order #: 0901673522
Customer: URSA RESOURCES GROUP II LLC		Customer Rep: Craig Smith	
Well Name: BAT	Well #: 24B-24-07-96	API/UWI #: 05-045-22419-00	
Field: WILDCAT	City (SAP): PARACHUTE	County/Parish: GARFIELD	State: COLORADO
Legal Description: NE SW-24-7S-96W-1839FSL-2023FWL			
Contractor: CRAIG DRLG		Rig/Platform Name/Num: CRAIG 7	
Job BOM: 7521			
Well Type: DIRECTIONAL GAS			
Sales Person: HALAMERICA\HB80977		Srcv Supervisor: Dustin Hyde	

**Job**

Formation Name	
Formation Depth (MD)	Top Bottom
Form Type	BHST
Job depth MD	1771ft 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	8.097		LTC	J-55	0	1771	0	0
Open Hole Section			12.25				0	1803	0	0

**Tools and Accessories**

Type	Size in	Qty	Make	Depth ft	Type	Size in	Qty	Make
Guide Shoe	8.625	1		1771	Top Plug	8.625	1	HES
Float Shoe	8.625	1			Bottom Plug			
Float Collar	8.625	1		1726.59	SSR plug set			
Insert Float	8.625	1			Plug Container	8.625	1	HES
Stage Tool	8.625	1			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	bbl	8.33			4		

  

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	ECONOCEM (TM) SYSTEM	300	sack	12.3	2.45		7	14.17	
14.12 Gal		FRESH WATER								
<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 ft3/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		sack	12.8	2.18		5	12.11	
94 lbm		TYPE I / II CEMENT, BULK (101439798)								
<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 ft3/sack</b>	<b>Mix Fluid Gal</b>	<b>Rate bbl/mi n</b>	<b>Total Mix Fluid Gal</b>	
4	Displacement	Displacement	105	Bbl	8.33			7		
94 lbm		TYPE I / II CEMENT, BULK (101439798)								
<b>Cement Left In Pipe</b>		<b>Amount</b>	44 ft		<b>Reason</b>			Shoe Joint		
<b>Comment</b>										

## 3.5 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)	Comments
Event	1	Call Out	9/18/2014	20:00:00	USER					O/L TO BE AT 0300 ON 09/19/2014
Event	2	Pre-Convoy Safety Meeting	9/18/2014	22:15:00	USER					
Event	3	Crew Leave Yard	9/18/2014	22:30:00	USER					1 HT400 PUMP TRUCK ELITE #7, 2 660 BULK TRUCKS, 1 550 PICKUP
Event	4	Arrive At Loc	9/19/2014	00:00:00	USER					RIG JUST FINISHING CASING BEGINING TO CIRCULATE
Event	5	Assessment Of Location Safety Meeting	9/19/2014	00:15:00	USER					PERFORMED JSA
Event	6	Other	9/19/2014	00:30:00	USER					BROUGHT TRUCKS AROUND RIG AND SPOTTED THEM INTO PLACE
Event	7	Pre-Rig Up Safety Meeting	9/19/2014	01:00:00	USER					
Event	8	Rig-Up Equipment	9/19/2014	01:15:00	USER					
Event	9	Rig-Up Completed	9/19/2014	01:45:00	USER					
Event	10	Pre-Job Safety Meeting	9/19/2014	01:50:00	USER					MUD 9.4 PPG VIS 42
Event	11	Start Job	9/19/2014	02:05:16	COM5					TD 1803', TP 1770.74', SJ 44.15', OH 12 1/4", 8 5/8" SURFACE CASING 32 # J-55
Event	12	Prime Pumps	9/19/2014	02:06:53	COM5	8.33	2.0	33	2	FRESH WATER
Event	13	Test Lines	9/19/2014	02:15:26	COM5			3030		HAD TO RELEASE PRESSURE AND START OVER PRESSURE HELD LOSING 1 PSI EVERY 2-3 SECONDS

Type	Seq. No.	Activity	Date	Time	Source	DH Density (ppg)	Comb Pump Rate (bbl/min)	PS Pump Press (psi)	Pump Stg Tot (bbl)	Comments
Event	14	Pump Spacer 1	9/19/2014	02:18:14	COM5	8.33	4.0	76	20	FRESH WATER
Event	15	Pump Lead Cement	9/19/2014	02:28:25	COM5	12.3	7.0	141	130.9	300 SKS VARICEM CMT, 12.3 PPG, 2.45 YIELD, 14.17 GAL / SK
Event	16	Slow Rate	9/19/2014	02:44:50	USER	12.3	3.0	80	108	SLOWED RATE PER COMPANY MAN. RECIRC DENSITY STAYED CONSISTENT
Event	17	Pump Tail Cement	9/19/2014	02:50:47	COM5	12.8	5.0	30	52.4	135 SKS VARICEM, 12.8 PPG, 2.18 YIELD, 12.11 GAL / SK
Event	18	Check Weight	9/19/2014	02:52:20	COM5	12.8	5.0	30.00	9.0	MUD CUP SAMPLE WEIGHT WAS GOOD
Event	19	Shutdown	9/19/2014	03:01:52	COM5					WASH UP ONTOP OF PLUG
Event	20	Drop Top Plug	9/19/2014	03:03:27	COM5					VERIFIED BY TATTLE TAIL AND CO. REP
Event	21	Pump Displacement	9/19/2014	03:04:31	COM5	8.33	7.0	305	70	
Event	22	Other	9/19/2014	03:17:31	USER					35 BBLS OF CMT TO SURFACE
Event	23	Slow Rate	9/19/2014	03:18:22	USER	8.33	2.0	358	35	
Event	24	Bump Plug	9/19/2014	03:33:27	COM5	8.33	2.0	300	105	PLUG BUMPED
Event	25	Other	9/19/2014	03:36:00	COM5			941		FLOATS HELD .5 BBL FLOW BACK
Event	26	End Job	9/19/2014	03:37:49	COM5					GOOD RETURNS THROUGHOUT JOB
Event	27	Post-Job Safety Meeting (Pre Rig-Down)	9/19/2014	03:45:00	USER					
Event	28	Rig-Down Equipment	9/19/2014	04:00:00	USER					
Event	29	Rig-Down Completed	9/19/2014	05:30:00	USER					
Event	30	Pre-Convoy Safety Meeting	9/19/2014	05:45:00	USER					THANK YOU FOR USING HALLIBURTON CEMENT

Type	Seq. No.	Activity	Date	Time	Source	DH Density (ppg)	Comb Pump Rate (bbl/min)	PS Pump Press (psi)	Pump Stg Tot (bbl)	Comments
Event	31	Crew Leave Location	9/19/2014	06:00:00	USER					