

URSA RESOURCES GROUP II LLC

BAT 32A-24-07-96

**Craig 7**

# **Post Job Summary**

## **Cement Surface Casing**

Date Prepared: 10/6/2014  
Job Date: 8/7/2014

Submitted by: Tony Eschete - Cement Engineer

*The Road to Excellence Starts with Safety*

Sold To #: 369755	Ship To #: 3123652	Quote #:	Sales Order #: 0901704331
Customer: URSA RESOURCES GROUP II LLC		Customer Rep: CRAIG SMITH	
Well Name: BAT	Well #: 32A-24-07-96	API/UWI #: 05-045-22105-00	
Field: WILDCAT	City (SAP): PARACHUTE	County/Parish: GARFIELD	State: COLORADO
Legal Description: NE SW-24-7S-96W-1854FSL-2039FWL			
Contractor:		Rig/Platform Name/Num: Craigs 7	
Job BOM: 7521			
Well Type: DIRECTIONAL GAS			
Sales Person: HALAMERICA\HX23209		Srcv Supervisor: Dustin Smith	
<b>Job</b>			

Formation Name	
Formation Depth (MD)	Top Bottom
Form Type	BHST
Job depth MD	1935.03ft Job Depth TVD 5 ft
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	1935.03	0	0
Open Hole Section			12.25				0	1971	0	1971

Tools and Accessories									
Type	Size in	Qty	Make	Depth ft	Type	Size in	Qty	Make	
Guide Shoe	8.625	1		1935.03	Top Plug	8.625	1	HES	
Float Shoe	8.625	1							
Float Collar	8.625	1		1890.79					
Insert Float	8.625	1			Plug Container	8.625	1	HES	
Stage Tool	8.625	1			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			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	ECONOCEM (TM) SYSTEM	340	sack	12.3	2.45		4.0	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 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	140	sack	12.8	2.18		4.0	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 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 Fluid	Displacement Fluid	115.1	bbl	8.33			5.0	
<b>Cement Left In Pipe</b>		<b>Amount</b>	44.23 ft		<b>Reason</b>		Shoe Joint		
<b>Comment</b>									

### 3.5 Job Event Log

Type	Seq. No.	Graph Label	Date	Time	Source	DH Density (ppg)	Comb Pump Rate (bbl/min)	PS Pump Press (psi)	Pump Stage Total (bbl)	Comment
Event	1	Call Out	9/30/2014	11:00:00	USER					ELITE # 8
Event	2	Pre-Convoy Safety Meeting	9/30/2014	13:30:00	USER					ALL HES EMPLOYEES
Event	3	Arrive At Loc	9/30/2014	15:30:00	USER					ARRIVED ON LOCATION 1 1/2 HOURS EARLY DIDNT START CHARGING TIME UNTIL REQUESTED ON LOCATION TIME RIG RUNNING CASING
Event	4	Assessment Of Location Safety Meeting	9/30/2014	18:00:00	USER					ALL HES EMPLOYEES
Event	5	Pre-Rig Up Safety Meeting	9/30/2014	18:20:00	USER					ALL HES EMPLOYEES
Event	6	Rig-Up Equipment	9/30/2014	18:30:00	USER					1 HT-400 PUMP TRUCK (ELITE # 8) 2 660 BULK TRUCKS 1 F-550 PICKUP
Event	7	Pre-Job Safety Meeting	9/30/2014	19:00:00	USER					ALL HES EMPLOYEES AND RIG CREW
Event	8	Start Job	9/30/2014	19:54:00	COM5					TD: 1971 TP: 1935.02 SJ: 44.23 CSG: 8 5/8 32# J-55 OH: 12 1/4 MUD WT: 9.5 PPG VIS:46
Event	9	Prime Lines	9/30/2014	19:56:41	COM5	8.33	2.0	30	2.0	PRIME LINES WITH 2 BBLs FRESH WATER
Event	10	Test Lines	9/30/2014	20:00:01	COM5	8.33	0.00	4568	2.0	PRESSURE TEST OK
Event	11	Pump Fresh Water Spacer	9/30/2014	20:03:08	COM5	8.33	4.0	212	20	20 BBL FRESH WATER SPACER
Event	12	Pump Lead Cement	9/30/2014	20:11:07	COM5	12.3	4.0	115	148.5	340 SKS 12.3 PPG 2.45 YIELD 14.17 GAL/SK LEAD WEIGHT CEMENT VERIFIED VIA PRESSURIZED MUD SCALES
Event	13	Pump Tail Cement	9/30/2014	20:50:08	COM5	12.8	4.0	34	54.4	140 SKS 12.8 PPG 2.18 YIELD 12.11 GAL/SK TAIL CEMENT WEIGHT VERIFIED VIA PRESSURIZED MUD SCALES
Event	14	Shutdown	9/30/2014	21:08:15	COM5					
Event	15	Drop Top Plug	9/30/2014	21:10:30	COM5					PLUG AWAY NO PROBLEMS WASHED UP ON TOP OF THE PLUG AS PER COMPANY REP
Event	16	Pump Displacement	9/30/2014	21:11:56	COM5	8.33	5.0	293	115.1	FRESH WATER DISPLACEMENT
Event	17	Slow Rate	9/30/2014	21:24:48	COM5	8.33	3.00	260	60	SLOW RATE WHEN CEMENT RETURNED TO SURFACE AS PER COMPANY REP
Event	18	Bump Plug	9/30/2014	21:53:02	COM5	8.33	2.0	1047	115.1	PSI BEFORE BUMPING PLUG @ 450 BUMPED PLUG UP TO 1047
Event	19	Check Floats	9/30/2014	21:55:25	COM5					FLOATS HELD 1/2 BBL BACK TO DISPLACEMENT TANKS

Event	20	End Job	9/30/2014	21:56:00	COM5	GOOD RETURNS THROUGHTOUT JOB RETURNED 58 BBLS OF CEMENT TO SURFACE
Event	21	Pre-Rig Down Safety Meeting	9/30/2014	22:00:00	USER	ALL HES EMPLOYEES
Event	22	Rig-Down Equipment	9/30/2014	22:10:00	USER	
Event	23	Pre-Convoy Safety Meeting	9/30/2014	22:50:00	USER	ALL HES EMPLOYEES
Event	24	Crew Leave Location	9/30/2014	23:00:00	USER	THANK YOU FOR USING HALLIBURTON CEMENT DUSTIN SMITH AND CREW