

URSA RESOURCES GROUP II LLC

BAT 34C-24-07-96

Craig 7

Post Job Summary

Cement Surface Casing

Date Prepared: 10/6/2014

Job Date: 9/21/2014

Submitted by: Tony Eschete - Cement Engineer

The Road to Excellence Starts with Safety

Sold To #: 369755	Ship To #: 3533965	Quote #:	Sales Order #: 0901684454
Customer: URSA RESOURCES GROUP II LLC	Customer Rep: CRAIG SMITH		
Well Name: BAT	Well #: 34C-24-07-96	API/UWI #: 05-045-22424-00	
Field: WILDCAT	City (SAP): PARACHUTE	County/Parish: GARFIELD	State: COLORADO
Legal Description: NE SW-24-7S-96W-1830FSL-2031FWL			
Contractor: CRAIG DRLG	Rig/Platform Name/Num: CRAIG 7		
Job BOM: 7521			
Well Type: DIRECTIONAL GAS			
Sales Person: HALAMERICA\HB80977	Srv Supervisor: Craig Kukus		
Job			

Formation Name	
Formation Depth (MD)	Top Bottom
Form Type	BHST
Job depth MD	1894ft Job Depth TVD 1894.46 FT
Water Depth	Wk Ht Above Floor 4 FT / OFF LINE
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	1894	0	0
Open Hole Section			12.25				0	1924	0	0

Tools and Accessories									
Type	Size in	Qty	Make	Depth ft		Type	Size in	Qty	Make
Guide Shoe	8.625	1		1894		Top Plug	8.625	1	HES
Float Shoe	8.625					Bottom Plug	8.625		HES
Float Collar	8.625	1				SSR plug set	8.625		HES
Insert Float	8.625					Plug Container	8.625	1	HES
Stage Tool	8.625					Centralizers	8.625		HES

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		
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	ECONOCHEM (TM) SYSTEM	325	sack	12.3	2.45		7	14.17	

14.12 Gal		FRESH WATER							
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		7	12.11
94 lbm		TYPE I / II CEMENT, BULK (101439798)							
Cement Left In Pipe		Amount	44.06 ft		Reason		Shoe Joint		
Comment CEMENT TO SURFACE TOTAL 40 BBLS									

3.1 Job Event Log

Type	Seq. No.	Graph Label	Date	Time	Source	DH Density (ppg)	Comb Pump Rate (bbl/min)	DS Pump Press (psi)	Comb Pump Total (bbl)	Comment
Event	1	Call Out	9/20/2014	19:00:00	USER					CREW CALL OUT
Event	2	Depart from Service Center or Other Site	9/20/2014	21:30:00	USER					CREW DEPART SAFETY MEETING ALL HES CREW PRESENT
Event	3	Arrive At Loc	9/20/2014	23:30:00	USER					ARRIVE EARLY ON LOC / RIG RUNNING CSG / ON LOC TIME 01:00
Event	4	Assessment Of Location Safety Meeting	9/20/2014	23:40:00	USER					ASSESSMENT WALK THRU OF LOC / ALL HES CREW PRESENT / HES EQUIPMENT ON LOC : 1 CMT PUMP UNIT - 2 EA 660 BULK UNITS - 1 SERVICE PICKUP UNIT
Event	5	Pre-RIG UP SAFETY MEETING	9/21/2014	01:55:00	USER					ALL HES CREW PRESENT
Event	6	Rig-Up Equipment	9/21/2014	02:00:00	USER					RIG UP IRON TO RIG FLOOR AND SUCTION HOSES TO FRESH WATER
Event	7	PrE-JOB SAFETY Meeting	9/21/2014	02:45:00	USER	8.41	0	0	0	ALL RIG PERSONEL AND HES PRESENT
Event	8	Start Job	9/21/2014	02:52:16	COM6	8.51	0.00	0	0.0	JOB CALCULATIONS: TD 1924 FT TP 1894.46 FT SJT 44.06 FT WF/WT 9.4# OH 12 1/4 IN CSG 8 5/8 IN J-55 32#
Event	9	Prime Pumps	9/21/2014	02:52:56	COM6	8.42	1.40	14.00	2.0	PRIME LINES WITH FRESH WATER
Event	10	Test Lines	9/21/2014	02:58:42	COM6	8.52	0.00	3363.00	.2	PRESSURE TEST LINES 5 TH GEAR STALL OUT AT 1588 PSI / TEST AT 3440 PSI
Event	11	Pump Spacer 1	9/21/2014	03:01:34	COM6	8.49	0.00	8.00	20	PUMP 20 BBLS WATER SPACER AHEAD
Event	12	Pump Lead Cement	9/21/2014	03:10:24	COM6	12.34	4.00	62.00	142	PUMP 325 SKS LEAD CEMENT AT 12.3 PPG 2.45 Y 14.17 GAL/SKS AND HAVE GOOD RETURNS
Event	13	Pump Tail Cement	9/21/2014	03:33:48	COM6	12.68	7.00	65.00	55	PUMP 140 SKS TAIL CEMENT AT 12.8 PPG 2.18 Y 12.11 GAL/SKS RETURNS GOOD / CMT DIP GOOD
Event	14	Shutdown	9/21/2014	03:45:37	USER	0.70	0.00	12.00	219.2	SHUT DOWN END CEMENT / READY TUB TO WASH UP OM TOP OF PLUG
Event	15	Drop Top Plug	9/21/2014	03:47:23	USER	0.00	0.00	1.00	0	DROP TOP PLUG / PLUG AWAY
Event	16	Pump Displacement	9/21/2014	03:47:47	COM6	4.09	1.80	2.00	70	PUMP DISPLACEMENT
Event	17	Slow Rate	9/21/2014	04:01:55	USER	8.28	1.90	296.00	72	SLOW RATE TO 2 BBL MIN CEMENT TO SURFACE
Event	18	Bump Plug	9/21/2014	04:19:15	COM6	8.45	0.00	1057.00	112.9	PLUG LANDED AT 450 PSI / BUMP TO 1106 PSI
Event	19	Check Floats	9/21/2014	04:21:08	USER	8.38	0.00	1085.00	112.9	CHECK FLOATS / FLOATS HELD GOT BACK .5 BBLS

BACK TO TANKS										
Event	20	End Job	9/21/2014	04:22:38	COM6	8.29	0.00	7.00	332.1	END JOB / HAD RETURNS THRU OUT THE JOB / GOT CEMENT TO SURFACE TOTAL 40 BBLs
Event	21	Pre-Rig Up Safety Meeting	9/21/2014	04:25:15	USER	8.29	0.00	7.00	0.0	ALL HES CREW PRESENT
Event	22	Rig-Down Equipment	9/21/2014	04:30:00	USER	8.38	9.70	0	0	RIG FLOOR DOWN AND WASH UP TO PIT / RIG IRON DOWN AND RACK UP
Event	23	Depart Location Safety Meeting	9/21/2014	05:25:00	USER					ALL HES CREW PRESENT
Event	24	Comment	9/21/2014	05:30:00	USER					THANK YOU FOR USING HALLIBURTON CEMENTING SERVICES AND THE CREW OF CRAIG KUKUS