

URSA RESOURCES GROUP II LLC

BAT 24D-24-07-96

Craig 7

Post Job Summary

Cement Surface Casing

Date Prepared: 09/29/14

Job Date: 09/28/14

Submitted by: Aaron Katz - Cement Engineer

The Road to Excellence Starts with Safety

Sold To #: 369755	Ship To #: 3521994	Quote #:	Sales Order #: 0901700406
Customer: URSA RESOURCES GROUP II LLC		Customer Rep: CRAIG SMITH	
Well Name: BAT	Well #: 24D-24-07-96	API/UWI #: 05-045-22417-00	
Field: WILDCAT	City (SAP): PARACHUTE	County/Parish: GARFIELD	State: COLORADO
Legal Description: NE SW-24-7S-96W-1811FSL-2048FWL			
Contractor:		Rig/Platform Name/Num: Craigs 7	
Job BOM: 7521			
Well Type: DIRECTIONAL GAS			
Sales Person: HALAMERICA\HX23209		Srvc Supervisor: Dustin Smith	

Job

Formation Name			
Formation Depth (MD)	Top		Bottom
Form Type			BHST
Job depth MD	1894ft		Job Depth TVD 1894ft
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	8.097		LTC	J-55	0	1894	0	0
Open Hole Section			12.25				0	1894	0	0

Tools and Accessories

Type	Size in	Qty	Make	Depth ft	Type	Size in	Qty	Make
Guide Shoe	8.625	1		1893.68	Top Plug	8.625	1	HES
Float Shoe	8.625	1						
Float Collar	8.625	1		1849.54				
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 ft ³ /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 ft ³ /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							
Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft3/sack	Mix Fluid Gal	Rate bbl/mi n	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)							
Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft3/sack	Mix Fluid Gal	Rate bbl/mi n	Total Mix Fluid Gal
4	Displacement Fluid	Displacement Fluid	112.6	bbl	8.34			7.0	
Cement Left In Pipe	Amount	44.14 ft			Reason	Shoe Joint			
Comment									

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	9/27/2014	12:00:00	USER					ELITE #8
Event	2	Pre-Convoy Safety Meeting	9/27/2014	14:30:00	USER					ALL HES EMPLOYEES
Event	3	Arrive At Loc	9/27/2014	16:00:00	USER					ARRIVED ON LOCATION 2 HOURS EARLY DIDNT START CHARGING TIME UNTIL REQUESTED ON LOCATION TIME RIG PREPARING TO RUN CASING
Event	4	Assessment Of Location Safety Meeting	9/27/2014	22:30:00	USER					ALL HES EMPLOYEES
Event	5	Pre-Rig Up Safety Meeting	9/27/2014	22:50:00	USER					ALL HES EMPLOYEES
Event	6	Rig-Up Equipment	9/27/2014	23:00:00	USER					1 HT-400 PUMP TRUCK (ELITE # 8) 2 660 BULK TRUCKS 1 F-550 PICKUP
Event	7	Pre-Job Safety Meeting	9/28/2014	00:00:00	USER					ALL HES EMPLOYEES AND RIG CREW RIG CIRCULATED FOR 1/2 HOUR PRIOR TO THE JOB @ 8 BPM
Event	8	Start Job	9/28/2014	00:15:00	USER					TD: 1911 TP: 1893.68 SJ: 44.14 CSG: 8 5/8 32# J-55 OH: 12 1/4 MUD WT: 9.5 PPG VIS:45
Event	9	Test Lines	9/28/2014	00:20:16	COM 5	8.33	0.00	3825	2.0	PRESSURE TEST OK
Event	10	Pump Fresh Water Spacer	9/28/2014	00:23:36	COM 5	8.33	4.0	105	4.0	PUPM 20 BBL FRESH WATER SPACER
Event	11	Pump Lead Cement	9/28/2014	00:31:00	COM 5	12.3	7.0	147	130.9	300 SKS 12.3 PPG 2.45 YIELD 14.17 GAL/SK LEAD CEMENT WEIGHT VERIFIED VIA PRESSURIZED MUD SCALES HAD TO SLOW RATE DUE TO RIG PUMPS NOT KEEPING UP ON THE CHART SHOW A DENSITY SPIKE DUE TO NOT MOVING FLUID FAST ENOUGH THROUGH THE HPVT DOWNHOLE DENSITY WAS MAINTAINED AT DESIRED DEINSTY
Event	12	Pump Tail Cement	9/28/2014	01:00:19	COM 5	12.8	7.0	135	54.4	140 SKS 12.8 PPG 2.18 YIELD 12.11 GAL/SK TAIL CEMENT WEIGHT VERIFIED VIA PRESSURIZED MUD SCALES
Event	13	Shutdown	9/28/2014	01:09:25	COM					

5										
Event	14	Drop Top Plug	9/28/2014	01:12:27	COM 5					PLUG AWAY NO PROBLEMS WASHED UP ON TOP OF THE PLUG AS PER COMPANY REP
Event	15	Pump Displacement	9/28/2014	01:13:46	COM 5	8.33	7.0	405	112.6	FRESH WATER DISPLACEMENT
Event	16	Slow Rate	9/28/2014	01:26:42	COM 5	8.33	2.0	245	70	SLOW RATE AS PER COMPANY REP WHEN WE GOT CEMENT RETURNS TO SURFACE
Event	17	Bump Plug	9/28/2014	01:42:36	COM 5	8.33	3.0	1035	112.6	PSI BEFORE LANDING PLUG @ 419 BUMPED PLUG UP TO 1035 PSI
Event	18	Check Floats	9/28/2014	01:44:55	COM 5					FLOATS HELD 1/2 BBL BACK TO DISPLACEMENT TANKS
Event	19	End Job	9/28/2014	01:45:49	COM 5					GOOD RETURNS THROUGHOUT JOB RETURNED 42 BBLs OF CEMENT TO SURFACE RIG USED 40#s OF SUGAR
Event	20	Pre-Rig Down Safety Meeting	9/28/2014	01:50:00	USER					ALL HES EMPLOYEES
Event	21	Rig-Down Equipment	9/28/2014	02:00:00	USER					
Event	22	Pre-Convoy Safety Meeting	9/28/2014	02:50:00	USER					ALL HES EMPLOYEES
Event	23	Crew Leave Location	9/28/2014	03:00:00	USER					THANK YOU FOR USING HALLIBURTON CEMENT DUSTIN SMITH AND CREW