

Ursa Resources Group II LLC

Watson Ranch B 32D-17-07-95

**Craig 7**

# **Post Job Summary**

## **Cement Surface Casing**

Date Prepared: 03/31/2015

Job Date: 03/18/2015

Submitted by: Evan Russell – Grand Junction Cement Engineer

The Road to Excellence Starts with Safety

Sold To #: 369755	Ship To #: 369755	Quote #: 0022013955	Sales Order #: 0902215044
Customer: URSA RESOURCES GROUP II LLC		Customer Rep: CRAIG SMITH	
Well Name: WATSON RANCH B 32D-	Well #: 17-07-95	API/UWI #: 05045228040000	
Field:	City (SAP): PARACHUTE	County/Parish: GARFIELD	State: COLORADO
<b>Legal Description:</b>			
Contractor: CRAIG DRLG		Rig/Platform Name/Num: CRAIG 7	
Job BOM: 7521			
Well Type: OIL & GAS WELL			
Sales Person: HALAMERICA\HB80977		Srcv Supervisor: Eric Carter	
<b>Job</b>			

<b>Formation Name</b>				
Formation Depth (MD)	Top	60 FT	Bottom	1851 FT
Form Type			BHST	
Job depth MD	1834ft		Job Depth TVD	1833.35 FT
Water Depth			Wk Ht Above Floor	4 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	3	16	15.124	75			0	60	0	0
Casing		8.625	7.921	32	LTC	J-55	0	1833	0	0
Open Hole Section			12.25				60	1851	0	0

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	Qty	Conc

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		
Stage/Plug #: 2										
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	285	sack	12.3	2.45	14.17	5		

0.25 lbm		POLY-E-FLAKE (101216940)							
<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	125	sack	12.8	2.18	12.11	5	
0.25 lbm		POLY-E-FLAKE (101216940)							
<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	Displacement	108.8	bbl	8.33			5	
<b>Cement Left In Pipe</b>		<b>Amount</b>	46 ft		<b>Reason</b>		Shoe Joint		
<b>Comment</b>									

## 2.0 Real-Time Job Summary

### 2.1 Job Event Log

Type	Seq. No.	Activity	Date	Time	Source	Combined Pump Rate (bbl/min)	Downhole Density (ppg)	Pass-Side Pump Pressure (psi)	Pump Stage Total (bbl)	Comments
Event	5	Call Out	3/18/2015	07:30:00	USER					
Event	6	Depart Yard Safety Meeting	3/18/2015	09:50:00	USER					ATTENDED BY ALL HES CREW
Event	7	Crew Leave Yard	3/18/2015	10:00:00	USER					
Event	8	Arrive At Loc	3/18/2015	12:00:00	USER					RIG WAS RUNNING CASING UPON HES ARRIVAL
Event	9	Assessment Of Location Safety Meeting	3/18/2015	12:10:00	USER					ATTENDED BY ALL HES CREW
Event	10	Other	3/18/2015	13:40:00	USER					STOP EQUIPMENT
Event	11	Pre-Rig Up Safety Meeting	3/18/2015	13:50:00	USER					ATTENDED BY ALL HES CREW
Event	12	Rig-Up Equipment	3/18/2015	13:00:00	USER					
Event	13	Pre-Job Safety Meeting	3/18/2015	13:40:00	USER					ATTENDED BY ALL HES CREW, RIG CREW, AND COMPANY REP
Event	14	Other	3/18/2015	14:01:01	USER					TD 1851', TP 1833.35', SJ 46.38', HOLE 12.25", MW 9.5 PPG, CONDUCTOR 16" 75#, AT 60', CASING 8.625", 32#, J55
Event	15	Other	3/18/2015	15:09:40	USER	2	8.34	47	2	FRESH WATER
Event	19	Pressure Test	3/18/2015	15:11:22	USER					TESTED TO 2950 PSI, PRESSURE HELD
Event	27	Pump Spacer	3/18/2015	15:16:14	USER	4	8.34	110	20	FRESH WATER
Event	36	Pump Lead Cement	3/18/2015	15:24:20	USER	5	12.3	140	124.4	285 SKS VARICEM, MIXED

										AT 12.3PPG, 2.45 YIELD, 14.17 GAL/SK
Event	57	Pump Tail Cement	3/18/2015	15:50:16	USER	5	12.8	60	48.5	125 SKS VARICEM , MIXED AT 12.8 PPG, 2.18 YIELD , 12.11 GAL/ SK
Event	106	Shutdown	3/18/2015	15:59:31	USER					
Event	123	Drop Top Plug	3/18/2015	16:02:10	USER					PLUG LAUNCHED
Event	126	Pump Displacement	3/18/2015	16:04:05	USER	5	8.34	315	78.8	FRESH WATER
Event	127	Slow Rate	3/18/2015	16:19:56	USER	2	8.34	420	30	SLOWED RATE AT COMPANY REPS REQUEST
Event	128	Bump Plug	3/18/2015	16:38:14	USER			1260		PLUG LANDED
Event	129	Check Floats	3/18/2015	16:39:29	USER					FLOATS HELD , RECEIVED .75 BBL BACK TO TRUCK
Event	130	Other	3/18/2015	16:41:07	USER					GOOD CIRCULATION THROUGHOUT JOB, PIPE NOT MOVED DURING JOB, TRACES OF CEMENT AT 78.8 BBLs OF DISPLACEMENT, 18 BBLs OF GOOD CEMENT TO SURFACE
Event	131	Post-Job Safety Meeting (Pre Rig-Down)	3/18/2015	16:45:00	USER					ATTENDED BY ALL HES CREW
Event	132	Rig-Down Equipment	3/18/2015	16:50:00	USER					
Event	133	Depart Location Safety Meeting	3/18/2015	18:20:00	USER					ATTENDED BY ALL HES CREW
Event	134	Crew Leave Location	3/18/2015	18:30:00	USER					THANK YOU FOR USING HALLIBURTON CEMENT, ERIC CARTER AND CREW