

URSA Resources Group II LLC

Watson Ranch B 33B-17-07-95

**CRAIG 7**

## **Post Job Summary**

# **Cement Surface Casing**

Date Prepared: 3/16/2015  
Job Date: 3/7/2015

Submitted by: Keven Nye – Grand Junction Cement Engineer

## The Road to Excellence Starts with Safety

Sold To #: 369755	Ship To #: 3645123	Quote #: 0022013946	Sales Order #: 0902206980
Customer: URSA RESOURCES GROUP II LLC		Customer Rep: CRAIG SMITH	
Well Name: WATSON RANCH B	Well #: 33B-17-07-95	API/UWI #: 05-045-22808-00	
Field: PARACHUTE	City (SAP): PARACHUTE	County/Parish: GARFIELD	State: COLORADO
Legal Description: SE SW-17-7S-95W-1069FSL-1903FWL			
Contractor: CRAIG DRLG		Rig/Platform Name/Num: CRAIG 7	
Job BOM: 7521			
Well Type: DIRECTIONAL GAS			
Sales Person: HALAMERICA\HB80977		Srvc Supervisor: Dustin Smith	

### Job

Formation Name			
Formation Depth (MD)	Top		Bottom 1819
Form Type			BHST
Job depth MD	1791ft		Job Depth TVD
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	7.921	32	LTC	J-55	0	1791.35	0	0
Open Hole Section			12.25				0	1819	0	0

### Tools and Accessories

Type	Size in	Qty	Make	Depth ft	Type	Size in	Qty	Make
Guide Shoe	8.625			1791.35	Top Plug	8.625	1	HES
Float Shoe	8.625							
Float Collar	8.625			1744.79				
Insert Float	8.625				Plug Container	8.625	1	HES
Stage Tool	8.625				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	VARICEM (TM) CEMENT	285	sack	12.3	2.45		6.0	14.17

0.25 lbm		POLY-E-FLAKE (101216940)							
Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft <sup>3</sup> /sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal
3	Tail Cement	VARICEM (TM) CEMENT	125	sack	12.8	2.18		6	12.11
0.25 lbm		POLY-E-FLAKE (101216940)							
Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft <sup>3</sup> /sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal
4	Displacement	Displacement	106.3	bbl	8.33			6,5,2	
Cement Left In Pipe		Amount	46.56 ft			Reason		Shoe Joint	
Mix Water:		pH 7	Mix Water Chloride:			0 ppm		Mix Water Temperature:	
			Plug Displaced by:			8.33 lb/gal		Disp. Temperature:	
Plug Bumped?		Yes	Bump Pressure:			400 psi MPa		Floats Held?	
Cement Returns:		13 bbl	Returns Density:					Returns Temperature:	
Comment									

## 1.0 Real-Time Job Summary

## 1.1 Job Event Log

Type	Seq. No.	Activity	Graph Label	Date	Time	Source	DH Density (ppg)	Comb Pump Rate (bbl/min)	PS Pump Press (psi)	Pump Stg Tot (bbl)	Comments
Event	1	Call Out	Call Out	3/7/2015	12:00:00	USER					ELITE # 2
Event	2	Pre-Convoy Safety Meeting	Pre-Convoy Safety Meeting	3/7/2015	14:00:00	USER					ALL HES EMPLOYEES
Event	3	Arrive At Loc	Arrive At Loc	3/7/2015	16:00:00	USER					ARRIVED ON LOCATION 2 HOURS EARLY DIDNT START CHARGING TIME UNTIL REQUESTED ON LOCATION TIME RIG PREPARING TO START RUNNING CASING
Event	4	Assessment Of Location Safety Meeting	Assessment Of Location Safety Meeting	3/7/2015	19:00:00	USER					ALL HES EMPLOYEES
Event	5	Pre-Rig Up Safety Meeting	Pre-Rig Up Safety Meeting	3/7/2015	19:15:00	USER					ALL HES EMPLOYEES
Event	6	Rig-Up Equipment	Rig-Up Equipment	3/7/2015	19:30:00	USER					1 HT 400 PUMP TRUCK (ELITE # 2) 2 660 BULK TRUCKS 1 F-550 PICKUP
Event	7	Pre-Job Safety Meeting	Pre-Job Safety Meeting	3/7/2015	21:00:00	USER					ALL HES EMPLOYEES AND RIG CREW
Event	8	Start Job	Start Job	3/7/2015	21:29:25	USER					TD: 1819 TP: 1791.35 SJ: 46.56 CSG: 8 5/8 32# J-55 OH: 12 1/4 MUD WT: 9.4 PPG VIS 35
Event	9	Prime Pumps	Prime Lines	3/7/2015	21:30:08	USER	8.33	2.0	82	2.0	PRIME LINES WITH 2 BBLs FRESH WATER
Event	10	Test Lines	Test Lines	3/7/2015	21:31:54	COM5	8.33	0.0	3838	2.0	PRESSURE TEST OK
Event	11	Pump Spacer 1	Pump Fresh Water Spacer	3/7/2015	21:35:49	COM5	8.33	4.0	113	20	PUMP 20 BBL FRESH WATER SPACER

Event	12	Pump Lead Cement	Pump Lead Cement	3/7/2015	21:44:51	COM5	12.3	6.0	182	124.4	285 SKS 12.3 PPG 2.45 YIELD 14.17 GAL/SK LEAD CEMENT WEIGHT VERIFIED VIA PRESSURIZED MUD SCALES
Event	13	Pump Tail Cement	Pump Tail Cement	3/7/2015	22:05:17	COM5	12.8	6.0	139	48.5	125 SKS 12.8 PPG 2.18 YIELD 12.11 GAL/SK TAIL CEMENT WEIGHT VERIFIED VIA PRESSURIZED MUD SCALES
Event	14	Shutdown	Shutdown	3/7/2015	22:13:16	USER					
Event	15	Drop Top Plug	Drop Top Plug	3/7/2015	22:14:15	COM5					PLUG AWAY NO PROBLEMS WASHED UP ON TOP OF THE PLUG AS PER COMPANY REP
Event	16	Pump Displacement	Pump Displacement	3/7/2015	22:15:13	COM5	8.33	6.0	400	106.3	FRESH WATER DISPLACEMENT
Event	17	Slow Rate	Slow Rate	3/7/2015	22:35:30	USER	8.33	2.00	400	93	SLOW RATE WHEN WE GOT CEMENT RETURNS TO SURFACE AS PER COMPANY REP
Event	18	Bump Plug	Bump Plug	3/7/2015	22:40:33	COM5	8.33	2.0	1000	106.3	PSI BEFORE BUMPING PLUG @ 400 BUMPED PLUG UP TO 1000 PSI
Event	19	Other	Check Floats	3/7/2015	22:43:08	COM5					FLOATS HELD 1/2 BBL BACK TO DISPLACEMENT TANKS
Event	20	End Job	End Job	3/7/2015	22:43:44	COM5					GOOD RETURNS THROUGHOUT THE JOB RETURNED 13 BBLs OF CEMENT TO SURFACE
Event	21	Pre-Rig Down Safety Meeting	Pre-Rig Down Safety Meeting	3/7/2015	22:50:00	USER					ALL HES EMPLOYEES
Event	22	Rig-Down Equipment	Rig-Down Equipment	3/7/2015	23:00:00	USER					
Event	23	Pre-Convoy Safety Meeting	Pre-Convoy Safety Meeting	3/7/2015	23:45:00	USER					ALL HES EMPLOYEES

Event	24	Crew Leave Location	Crew Leave Location	3/8/2015	00:00:00	USER
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THANK YOU FOR USING  
HALLIBURTON CEMENT  
DUSTIN SMITH AND CREW