

URSA RESOURCES GROUP II LLC

Watson Ranch B 32C-1707-95

**Craig 7**

## **Post Job Summary**

# **Cement Surface Casing**

Date Prepared: 03/21/15

Job Date: 03/16/15

Submitted by: Jenna Cook - Cement Engineer

## The Road to Excellence Starts with Safety

Sold To #: 369755	Ship To #: 369755	Quote #: 0022014900	Sales Order #: 0902214730
Customer: URSA RESOURCES GROUP II LLC		Customer Rep: CRAIG SMITH	
Well Name: WATSON RANCH B 32C-		Well #: 17-07-95	API/UWI #: 05045227990000
Field:	City (SAP): PARACHUTE	County/Parish: GARFIELD	State: COLORADO
Legal Description:			
Contractor: CRAIG DRLG		Rig/Platform Name/Num: CRAIG 7	
Job BOM: 7521			
Well Type: OIL & GAS WELL			
Sales Person: HALAMERICA\HB80977		Srv Supervisor: Anthony Andrews	
Job			

Formation Name			
Formation Depth (MD)	Top		Bottom
Form Type			BHST 200 degF
Job depth MD	1830ft		Job Depth TVD
Water Depth			Wk Ht Above Floor 2 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	1830	0	0
Open Hole Section			12.25				0	1851	0	0

Tools and Accessories										
Type	Size in	Qty	Make	Depth ft		Type	Size in	Qty	Make	
Guide Shoe	8.625	1		1830		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
Treatment Fld		Conc		Inhibitor		Conc		Sand Type		Size

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					
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	14.17	
0.25 lbm		POLY-E-FLAKE (101216940)								

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	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 ft3/sack	Mix Fluid Gal	Rate bbl/mi n	Total Mix Fluid Gal
4	Displacement	Displacement	108.8	bbl	8.33				
Cement Left In Pipe		Amount	44 ft		Reason		Shoe Joint		
Comment									

## 1.0 Real-Time Job Summary

## 1.1 Job Event Log

Type	Seq. No.	Activity	Date	Time	Source	DH Density (ppg)	Comb Pump Rate (bbl/min)	PS Pump Press (psi)	Pump Stg Tot (bbl)	Comments
Event	1	Call Out	3/16/2015	08:00:00	USER					
Event	2	Pre-Convoy Safety Meeting	3/16/2015	10:15:00	USER					
Event	3	Crew Leave Yard	3/16/2015	10:30:00	USER					
Event	4	Arrive At Loc	3/16/2015	13:30:00	USER					CREW ARRIVED 1.5 HRS EARLY. RIG STARTED RUNNING CASING
Event	5	Assessment Of Location Safety Meeting	3/16/2015	13:35:00	USER					
Event	6	Other	3/16/2015	13:40:00	USER					
Event	7	Pre-Rig Up Safety Meeting	3/16/2015	13:45:00	USER					
Event	8	Rig-Up Equipment	3/16/2015	14:00:00	USER					
Event	9	Pre-Job Safety Meeting	3/16/2015	14:02:09	USER					
Event	10	Start Job	3/16/2015	18:43:19	COM5					TD: 1851 TP: 1829.75 SJ: 44.08 MW: 9.5PPG 8 5/8" 32#/FT CSG ON 12 1/4" OH
Event	11	Test Lines	3/16/2015	18:46:06	COM5					3000 PSI TEST
Event	12	Pump Spacer 1	3/16/2015	18:50:19	COM5	8.32	2.0	23.00	20.00	FRESH H2O SPACER
Event	13	Pump Lead Cement	3/16/2015	19:02:37	COM5	12.30	5.00	107.00	0.9	285 SKS @ 12.3 PPG 2.45 YLD 14.17 GAL/SK H2O. HAD TO SLOW RATE BECAUSE RIG'S CELLAR PUMP WAS HAVING ISSUES, CAUSING DENSITY TO SHOW A DROP

ON DENSOMETER DUE TO  
CEMENT FALLING FASTER  
THAN PUMP RATE.

Event	14	Pump Tail Cement	3/16/2015	19:32:35	COM5	12.80	5.00	68.00	48.5	125 SKS @ 12.8 PPG 2.18 YLD 12.11 GAL/SK H2O
Event	15	Shutdown	3/16/2015	19:41:37	USER					
Event	16	Drop Top Plug	3/16/2015	19:45:17	USER					PLUG AWAY
Event	17	Pump Displacement	3/16/2015	19:46:34	COM5	8.33	6.0	240.00	108.8	FRESH H2O DISPLACEMENT
Event	18	Slow Rate	3/16/2015	20:06:47	USER	8.35	2.10	371.00	98.0	
Event	19	Bump Plug	3/16/2015	20:12:05	COM5	8.37	0.00	983.00	108.8	PLUG BUMPED AT CALCULATED DISPLACEMENT
Event	20	Check Floats	3/16/2015	20:14:45	USER					FLOATS DID NOT HOLD.
Event	21	Bump Plug	3/16/2015	20:18:51	USER	8.46	0.00	1549.00	106.0	RE-BUMPED PLUG AND PRESSURED UP TO 1500 PSI, HELD FOR 3 MIN.
Event	22	Check Floats	3/16/2015	20:24:12	USER					FLOATS HELD
Event	23	End Job	3/16/2015	20:25:00	COM5					GOOD CIRCULATION THROUGHOUT JOB. PIPE WAS LEFT STATIC THROUGHOUT JOB. NO ADD HOURS CHARGED. NO SUGAR USED. CIRCULATED 28 BBLS CEMENT TO SURFACE
										THANK YOU FOR CHOOSING HALLIBURTON CEMENTING OF GRAND JUNCTION, CO ANTHONY ANDREWS AND CREW