

Ursa Resources Group II LLC

Yater 42B-18-07-95

Capstar 321

## **Post Job Summary**

# **Cement Surface Casing**

Date Prepared: 07/30/2015

Job Date: 08/02/2015

Submitted by: Evan Russell – Grand Junction Cement Engineer

## The Road to Excellence Starts with Safety

Sold To #: 369755	Ship To #: 3657429	Quote #:	Sales Order #: 0902622383
Customer: URSA RESOURCES GROUP II LLC		Customer Rep: RICHARD MCNEILL	
Well Name: YATER		Well #: 42B-18-07-95	API/UWI #: 05-045-22827-00
Field: PARACHUTE	City (SAP): PARACHUTE	County/Parish: GARFIELD	State: COLORADO
Legal Description: NW SW-17-7S-95W-1805FSL-1128FWL			
Contractor: CAPSTAR DRLG		Rig/Platform Name/Num: CAPSTAR 321	
Job BOM: 7521			
Well Type: DIRECTIONAL GAS			
Sales Person: HALAMERICA\HB80977		Srvc Supervisor: Eric Carter	

### Job

Formation Name	
Formation Depth (MD)	Top 60 FT. Bottom 1880 FT.
Form Type	BHST
Job depth MD	1859ft Job Depth TVD
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	3	8.625	7.921	32	LTC	J-55	0	1859	0	0
Open Hole Section			12.25				60	1880	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	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	

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
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2	Lead Cement	VARICEM (TM) CEMENT	271	sack	12.3	2.46	14.17	8	
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/min	Total Mix Fluid Gal
3	Tail Cement	VARICEM (TM) CEMENT	116	sack	12.8	2.18	12.11	8	
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/min	Total Mix Fluid Gal
4	Displacement	Displacement	110.5	bbl	8.33			8	
Cement Left In Pipe		Amount	45 ft		Reason		Shoe Joint		
Comment									

## 1.0 Real-Time Job Summary

## 1.1 Job Event Log

Type	Seq. No.	Activity	Graph Label	Date	Time	Source	DH Density (ppg)	PS Pump Press (psi)	Comb Pump Rate (bbl/min)	Pump Stg Tot (bbl)	Comments
Event	1	Call Out	Call Out	7/30/2015	03:30	USER					
Event	2	Depart Yard Safety Meeting	Depart Yard Safety Meeting	7/30/2015	07:50	USER					ATTENDED BY ALL HES CREW
Event	3	Crew Leave Yard	Crew Leave Yard	7/30/2015	08:00	USER					
Event	4	Arrive At Loc	Arrive At Loc	7/30/2015	09:30	USER					RIG READY
Event	5	Assessment Of Location Safety Meeting	Assessment Of Location Safety Meeting	7/30/2015	09:35	USER					ATTENDED BY ALL HES CREW
Event	6	Other	Other	7/30/2015	09:40	USER					SPOT EQUIPMENT
Event	7	Pre-Rig Up Safety Meeting	Pre-Rig Up Safety Meeting	7/30/2015	09:45	USER					ATTENDED BY ALL HES CREW
Event	8	Rig-Up Equipment	Rig-Up Equipment	7/30/2015	09:50	USER					
Event	9	Pre-Job Safety Meeting	Pre-Job Safety Meeting	7/30/2015	10:20	USER					ATTENDED BY ALL HES CREW, RIG CREW AND COMPANY REP
Event	10	Other	Start Job	7/30/2015	10:34:24	USER					TP 1859', TD 1880', MW 9.4 PPG, CASING 8.625", 32#, J-55, SJ 45', HOLE 12.25", CONDUCTOR CASING 16", 75# SET AT 60', RIG CIRCULATED FOR HR'S PRIOR TO JOB
Event	11	Other	Fill Lines	7/30/2015	10:35:07	USER	8.33	50	2	2	FRESH WATER
Event	12	Test Lines	Test Lines	7/30/2015	10:36:44	USER					PRESSURED UP TO 3600 PSI, PRESSURE HELD
Event	13	Pump Spacer	Pump Spacer	7/30/2015	10:41:34	USER	8.33	110	4	20	FRESH WATER

Event	14	Pump Lead Cement	Pump Lead Cement	7/30/2015	10:49:05	USER	12.3	320	8	118.7	271 SKS VARICEM MIXED AT 12.3 PPG, 2.46 YEILD, 14.17 GL/SK
Event	15	Pump Tail Cement	Pump Tail Cement	7/30/2015	11:05:29	USER	12.8	300	8	45	116 SKS VARICEM MIXED AT 12.8 PPG, 2.18 YEILD, 12.11 GL/SK
Event	16	Shutdown	Shutdown	7/30/2015	11:12:03	USER					
Event	17	Drop Top Plug	Drop Top Plug	7/30/2015	11:14:09	USER					PLUG LAUNCHED
Event	18	Pump Displacement	Pump Displacement	7/30/2015	11:14:26	USER	8.33	530	8	100.5	FRESH WATER
Event	19	Slow Rate	Slow Rate	7/30/2015	11:31:05	USER	8.33	420	4	10	
Event	20	Bump Plug	Bump Plug	7/30/2015	11:33:22	USER		1120			PLUG LANDED
Event	21	Check Floats	Check Floats	7/30/2015	11:36:22	USER					FLOATS HELD
Event	22	End Job	End Job	7/30/2015	11:36:52	USER					GOOD CIRCULATION THROUGHOUT JOB, PIPE NOT MOVED DURING JOB, 30 BBLS CEMENT TO SURFACE
Event	23	Post-Job Safety Meeting (Pre Rig-Down)	Post-Job Safety Meeting (Pre Rig-Down)	7/30/2015	11:40	USER					ATTENDED BY ALL HES CREW
Event	24	Rig-Down Equipment	Rig-Down Equipment	7/30/2015	11:50	USER					
Event	25	Depart Location Safety Meeting	Depart Location Safety Meeting	7/30/2015	12:20	USER					ATTENDED BY ALL HES CREW
Event	26	Crew Leave Location	Crew Leave Location	7/30/2015	12:30	USER					THANK FOR USING HALLIBURTON CEMENT, ERIC CARTER AND CREW