

Ursa Resources Group II LLC

Yater 22A-17-07-95

Capstar 321

## **Post Job Summary**

# **Cement Surface Casing**

Date Prepared: 07/03/2015

Job Date: 06/22/2015

Submitted by: Evan Russell – Grand Junction Cement Engineer

The Road to Excellence Starts with Safety

Sold To #: 369755	Ship To #: 3642172	Quote #:	Sales Order #: 0902507834
Customer: URSA RESOURCES GROUP II LLC		Customer Rep: Nate Gill	
Well Name: YATER	Well #: 22A-17-07-95	API/UWI #: 05-045-22775-00	
Field: PARACHUTE	City (SAP): PARACHUTE	County/Parish: GARFIELD	State: COLORADO
Legal Description: NW SW-17-7S-95W-1730FSL-1129FWL			
Contractor: CAPSTAR DRLG		Rig/Platform Name/Num: CAPSTAR 321	
Job BOM: 7521			
Well Type: DIRECTIONAL GAS			
Sales Person: HALAMERICA\HB80977		Srvc Supervisor: Clifford Sparks	

**Job**

HOT 640' TOT 1209' LEAD TO SURFACE. 25 BBLs GOOD CEMENT TO PIT

<b>Formation Name</b>			
<b>Formation Depth (MD)</b>	<b>Top</b>		<b>Bottom</b>
<b>Form Type</b>			BHST 200 degF
<b>Job depth MD</b>	1849ft		<b>Job Depth TVD</b> 1849ft
<b>Water Depth</b>			<b>Wk Ht Above Floor</b> 3ft
<b>Perforation Depth (MD)</b>	<b>From</b>		<b>To</b>

**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	1849	0	1849
Open Hole Section			12.25				0	1870		1870

**Tools and Accessories**

Type	Size in	Qty	Make	Depth ft	Type	Size in	Qty	Make
Guide Shoe	8.625	1		1849	Top Plug	8.625	1	HES
Float Shoe	8.625				Bottom Plug	8.625	1	HES
Float Collar	8.625	1		1802	SSR plug set	8.625		
Insert Float	8.625				Plug Container	8.625		
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 ft <sup>3</sup> /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 ft <sup>3</sup> /sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal
2	VariCem GJ5	VARICEM (TM) CEMENT	280	sack	12.3	2.46	14.17	6	14.17

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	VariCem GJ5	VARICEM (TM) CEMENT	130	sack	12.8	2.18	12.11	6	12.11
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	109.7	bbl	8.33				
<b>Cement Left In Pipe</b>	<b>Amount</b>	47 ft			<b>Reason</b>	Shoe Joint			

## 1.0 Real-Time Job Summary

### 1.1 Job Event Log

Type	Seq. No.	Activity	Graph Label	Date	Time	Source	DH Density <i>(ppg)</i>	Comb Pump Rate <i>(bbl/min)</i>	PS Pump Press <i>(psi)</i>	Pump Stg Tot <i>(bbl)</i>	Comments
Event	1	Call Out	Call Out	6/22/2015	12:00:00	USER					ON LOCATION 1800
Event	2	Pre-Convoy Safety Meeting	Pre-Convoy Safety Meeting	6/22/2015	15:45:00	USER					ALL HES PRESENT
Event	3	Crew Leave Yard	Crew Leave Yard	6/22/2015	16:00:00	USER					1 550 PICKUP, 1 ELITE PUMP, 1, 660 AND 1 BODY LOAD
Event	4	Arrive At Loc	Arrive At Loc	6/22/2015	17:00:00	USER					ALL TRUCKS ARRIVED AN HOUR EARLY RIG CREW WAS STILL RUNNING CASING
Event	5	Assessment Of Location Safety Meeting	Assessment Of Location Safety Meeting	6/22/2015	17:15:00	USER					MET WITH CO REP AND WENT OVER JOB. DID A WALK AROUND OF LOCATION AND GOT A WATER SAMPLE
Event	6	Pre-Rig Up Safety Meeting	Pre-Rig Up Safety Meeting	6/22/2015	18:30:00	USER					ALL HES PRESENT
Event	7	Rig-up Lines	Rig-up Lines	6/22/2015	18:45:00	USER					
Event	8	Pre-Job Safety Meeting	Pre-Job Safety Meeting	6/22/2015	20:42:54	USER					ALL HES AND RIG CREW PRESENT
Event	9	Start Job	Start Job	6/22/2015	20:52:26	COM5					TD 1870', TP 1849', SJ 1802', HOLE 12.25", CASING 8.625" 32#, MW 9.5
Event	10	Prime Pumps	Prime Pumps	6/22/2015	20:53:15	COM5	8.4	2	56	2	2 BBL FRESH WATER
Event	11	Test Lines	Test Lines	6/22/2015	20:54:54	COM5			3038		TESTED TO 3038 PSI TESTED OK. KO'S OPERATIONAL

Event	12	Pump Spacer 1	Pump Spacer 1	6/22/2015	20:59:06	COM5	8.4	4	100	20	20 BBL WATER SPACER
Event	13	Pump Lead Cement	Pump Lead Cement	6/22/2015	21:07:02	COM5	12.3	6	260	122.7	280 SKS (122.7 BBLS) 12.3 PPG 2.46 FT3/SK 14.17 GAL/SK
Event	14	Check Weight	Check weight	6/22/2015	21:09:08	COM5	12.3	6	228	15	DOWNHOLE READING HIGH. USED MUD SCALES TO VERIFY WEIGHT AND ADJUSTED DOWNHOLE.
Event	15	Pump Tail Cement	Pump Tail Cement	6/22/2015	21:28:10	COM5	12.8	6	150	50.5	130 SKS (50.5 BBLS) 12.8 PPG 2.18 FT3/SK 12.11 GAL/SK
Event	16	Drop Top Plug	Drop Top Plug	6/22/2015	21:40:24	COM5					PLUG WENT
Event	17	Pump Displacement	Pump Displacement	6/22/2015	21:41:04	COM5	8.4	8	550	109.7	109.7 BBLS FRESH WATER
Event	18	Slow Rate	Slow Rate	6/22/2015	21:55:09	USER	8.4	4	445	99	SLOWED TO 4 BBLS/MIN PER CO REP.
Event	19	Bump Plug	Bump Plug	6/22/2015	21:58:00	COM5			550		BUMPED AT 550 PSI PRESSURED UP TO 1350 PSI
Event	20	Check Floats	Check Floats	6/22/2015	22:01:46	USER			1350		FLOATS HELD .5 BBLS BACK TO TRUCK
Event	21	End Job	End Job	6/22/2015	22:03:41	COM5					GREAT RETURNS BACK TO SURFACE 25 BBLS CEMENT TO SURFACE
Event	22	Pre-Rig Down Safety Meeting	Pre-Rig Down Safety Meeting	6/22/2015	22:05:00	USER					ALL HES PRESENT
Event	23	Rig Down Lines	Rig Down Lines	6/22/2015	22:15:00	USER					
Event	24	Pre-Convoy Safety Meeting	Pre-Convoy Safety Meeting	6/22/2015	23:00:00	USER					ALL HES PRESENT
Event	25	Crew Leave Location	Crew Leave Location	6/22/2015	23:15:00	USER					THANK YOU FOR USING HALLIBURTON CEMENT. CLIFF SPARKS AND CREW