

Ursa Resources Group II LLC

Watson Ranch B 32B-17-07-95

Craig 7

Post Job Summary

Cement Surface Casing

Date Prepared: 03/18/2015

Job Date: 03/13/2015

Submitted by: Evan Russell – Grand Junction Cement Engineer

The Road to Excellence Starts with Safety

Sold To #: 369755	Ship To #: 369755	Quote #: 0022014124	Sales Order #: 0902215124
Customer: URSA RESOURCES GROUP II LLC		Customer Rep: CRAIG SMITH	
Well Name: WATSON RANCH B 32B-	Well #: 17-07-95	API/UWI #: 05045228030000	
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		Srcv Supervisor: Craig Kukus	

Job

Formation Name			
Formation Depth (MD)	Top		Bottom
Form Type			BHST 200 degF
Job depth MD	1837ft		Job Depth TVD 1837 FT
Water Depth			Wk Ht Above Floor 3 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	1837	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		1837	Top Plug	8.625	1	HES
Float Shoe	8.625				Bottom Plug	8.625		HES
Float Collar	8.625	1		1791	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	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	
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	310	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	135	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	109	bbl	8.33			6 / 2	
Cement Left In Pipe	Amount	46.51 ft			Reason			Shoe Joint	
Mix Water:	pH ##	Mix Water Chloride: ## ppm			Mix Water Temperature:			51 °F °	
Cement Temperature:	## °F °C	Plug Displaced by: 8.33lb/gal			Disp. Temperature:			## °F °C	
Plug Bumped?	Yes	Bump Pressure: 386 psi			Floats Held?			Yes	
Cement Returns:	20 bbl	Returns Density: ## lb/gal kg/m3			Returns Temperature:			## °F °C	
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	3/13/2015	10:00:00	USER					CREW CALL OUT
Event	2	Depart from Service Center or Other Site	3/13/2015	12:30:00	USER					SAFETY MEETING DEPARTING SERVICE CENETER
Event	3	Arrive At Loc	3/13/2015	14:30:00	USER					ARRIVE EARLY ON LOC RIG SET UP TO RUN CSG / HES EQUIPMENT ON LOC: 1 EA CMT PUMP UNIT 2 EA 660 BULK UNITS 1 EA SERVICE PICK UP UNIT
Event	4	Assessment Of Location Safety Meeting	3/13/2015	14:40:00	USER					ASSESSMENT OF LOC WALK THRU
Event	5	Pre-Rig Up Safety Meeting	3/13/2015	15:16:00	USER					SAFETY MEETING PRE-RIG UP ALL HES CREW PRESENT
Event	6	Rig-Up Equipment	3/13/2015	15:20:00	USER					RIG UP IRON TO RIG / RIG UP SUCTION HOSES TO FRESH WATER
Event	7	Pre-Job Safety Meeting	3/13/2015	19:05:00	USER	8.34	0.00	0.00	0.0	PRE-JOB SAFETY MEETING ALL RIG PERSONEL AND HES CREW PRESENT
Event	8	Start Job	3/13/2015	19:17:16	COM6	8.34	0.00	-1.00	0.0	START JOB: TD 1851 FT TP 1837.51 FT SJT 46.51 WF/WT 9.5# CSG 8 5/8 IN 32# J-55 OH 12 1/4 IN
Event	9	Prime Pumps	3/13/2015	19:17:49	COM6	8.39	2.0	69.0	2.0	PRIME LINES WITH FRESH WATER
Event	10	Test Lines	3/13/2015	19:21:24	COM6	8.39	0.00	3815.00	0.1	PRESSURE TEST LINES 5 TH GEAR STALL OUT AT 2300

										PSI TEST TO 3818 PSI TEST GOOD
Event	11	Pump Spacer 1	3/13/2015	19:23:59	COM6	8.38	4.0	24.00	20.0	PUMP 20 BBL WATER SPACER AHEAD / RETURNS GOOD
Event	12	Pump Lead Cement	3/13/2015	19:30:30	COM6	8.33	6.0	110.00	135.0	PUMP LEAD CEMENT 310 SKS AT 12.3 PPG 2.45 Y 14.17 GAL/SKS RETURNS GOOD
Event	13	Check Weight	3/13/2015	19:31:05	COM6	12.36	6.0	124.00	2.3	CMT DIP
Event	14	Pump Tail Cement	3/13/2015	19:52:42	COM6	12.79	6.00	98.00	52.0	PUMP 135 SKS TAIL CEMENT AT 12.8 PPG 2.18 Y 12.11 GAL/SKS RETURNS GOOD / CMT DIP GOOD
Event	15	Shutdown	3/13/2015	20:01:02	USER	12.86	0.00	68.00	52.0	SHUT DOWN END CEMENT / READY TUB TO WASH UP ON TOP OF PLUG
Event	16	Drop Top Plug	3/13/2015	20:02:30	COM6	8.33	0.00	-2.00	0.0	DROP TOP PLUG / PLUG AWAY
Event	17	Pump Displacement	3/13/2015	20:02:53	COM6	8.33	6.0	120.0	70.0	PUMP H2O DISPLACEMENT
Event	18	Slow Rate	3/13/2015	20:17:23	USER	8.33	2.0	310.00	73.0	SLOW RATE TO 2 BBL MIN 89 BBLS GONE CEMENT TO SURFACE TOTAL 20 BBLS
Event	19	Bump Plug	3/13/2015	20:35:08	COM6	8.33	0.00	1090.00	109.0	PLUG LANDED 386 PSI BUMP TO 1103 PSI
Event	20	Check Floats	3/13/2015	20:37:18	USER	8.33	0.00	1088.00	109.0	CHECK FLOATS / FLOATS HELD GOT BACK .5 BBL TO TANKS
Event	21	End Job	3/13/2015	20:38:25	COM6	0	0.00	0.0	318.1 TOTAL	END JOB
Event	22	Pre-Rig Down Safety Meeting	3/13/2015	20:42:45	USER					PRE-RIG DOWN SAFETY MEETING ALL HES PRESENT
Event	23	Rig-Down Equipment	3/13/2015	20:50:00	USER					RIG DOWN FLOOR AND

WASH UP / RIG DOWN
EQUIPMENT

Event	24	Depart Location Safety Meeting	3/13/2015	21:25:00	USER	SAFETY MEETING DEPARTING LOC
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Event	25	Comment	3/13/2015	21:30:00	USER	THANK YOU FOR USING HALLIBURTON CEMENTING SERVICES AND THE CREW OF CRAIG KUKUS
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