

The Road to Excellence Starts with Safety

Sold To #: 369755	Ship To #: 3642171	Quote #: 0022061525	Sales Order #: 0902503889
Customer: URSA RESOURCES GROUP II LLC		Customer Rep:	
Well Name: YATER	Well #: 21D-17-07-95	API/UWI #: 05-045-22749-00	
Field: PARACHUTE	City (SAP): PARACHUTE	County/Parish: GARFIELD	State: COLORADO
Legal Description: NW SW-17-7S-95W-1755FSL-1129FWL			
Contractor: CAPSTAR DRLG		Rig/Platform Name/Num: CAPSTAR 321	
Job BOM: 7521			
Well Type: DIRECTIONAL GAS			
Sales Person: HALAMERICA\HB80977		Srvc Supervisor: Cliff Sparks	

Job

HOT 620' TOT 1259' LEAD TO SURFACE. GREAT RETURNS THROUGHOUT JOB. ABOUT 30 BBLS GOOD LEAD CEMENT TO SURFACE.

Formation Name			
Formation Depth (MD)	Top		Bottom
Form Type			BHST 200 degF
Job depth MD	1880ft	Job Depth TVD	1880ft
Water Depth		Wk Ht Above Floor	
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	1880	0	1880
Open Hole Section			12.25				0	1900	0	1900

Tools and Accessories

Type	Size in	Qty	Make	Depth ft	Type	Size in	Qty	Make
Guide Shoe	8.625	1		1880	Top Plug	8.625	1	
Float Shoe	8.625				Bottom Plug	8.625		
Float Collar	8.625	1		1832	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 ³ /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 ft ³ /sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal

2	Lead Cement	VARICEM (TM) CEMENT	310	sack	12.3	2.46	14.17	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	12.11	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	111.6	bbl	8.33				
Cement Left In Pipe	Amount	46.8 ft			Reason	Shoe Joint			

1.0 Real-Time Job Summary

1.1 Job Event Log

Type	Seq. No.	Activity	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	6/18/2015	23:00:00	USER					ON LOCATION TIME 0500
Event	2	Pre-Convoy Safety Meeting	6/19/2015	01:45:00	USER					ALL HES PRESENT
Event	3	Crew Leave Yard	6/19/2015	02:00:00	USER					1 550, 1 ELITE PUMP, 2 660'S. ALL TRUCKS LEFT TOGETHER
Event	4	Arrive At Loc	6/19/2015	03:00:00	USER					ARRIVED 2 HOURS EARLY AND RIG CREW HAD NOT STARTED CASING YET. RACK WITH CASING IN THE WAY SO TRUCKS STAYED OFF LOCATION UNTIL THERE WAS ROOM TO SPOT THEM IN
Event	5	Assessment Of Location Safety Meeting	6/19/2015	03:15:00	USER					MET WITH CO REP, DID WALK AROUND OF LOCATION AND GOT WATER SAMPLE
Event	6	Pre-Rig Up Safety Meeting	6/19/2015	07:45:00	USER					ALL HES PRESENT
Event	7	Rig-up Lines	6/19/2015	08:00:00	USER					WE WERE ABLE TO RIG UP TO THE RED ZONE. COMPLETED RIG UP WHEN CASING WAS DONE
Event	8	Pre-Job Safety Meeting	6/19/2015	14:15:00	USER					ALL HES AND RIG CREW PRESENT
Event	9	Start Job	6/19/2015	14:35:09	COM5					TD 1900', TP 1879', OH 12.25", CS 8.625" J55 32#, SJ 1832.93', MW 9.6#

Event	10	Prime Pumps	6/19/2015	14:35:33	COM5	8.40	2	65	2	2 BBLS FRESH WATER TO PRIME LINES
Event	11	Test Lines	6/19/2015	14:37:02	COM5	8.4	0.00	3171	2	TESTED GOOD TO 3171 PSI
Event	12	Pump Spacer 1	6/19/2015	14:40:40	COM5	8.4	4	130	20	20 BBLS FRESH WATER
Event	13	Pump Lead Cement	6/19/2015	14:49:38	COM5	12.3	6	208	135.8	310 SKS (135.8 BBLS) 12.3 PPG 2.46 FT3/SK 14.17 GAL/SK
Event	14	Check Weight	6/19/2015	14:51:56	COM5	12.3	6	222	10	SET DOWNHOLE TO CORRECT DENSITY
Event	15	Pump Tail Cement	6/19/2015	15:12:22	COM5	12.8	6	225	48.5	125 SKS (48.5 PPG) 12.8 PPG 2.18 FT3/SK 12.11 GAL/SK
Event	16	Shutdown	6/19/2015	15:20:08	USER					END OF CEMENT
Event	17	Other	6/19/2015	15:20:44	USER					WASHED UP ON TOP OF PLUG
Event	18	Drop Top Plug	6/19/2015	15:21:46	COM5					PLUG WENT
Event	19	Pump Displacement	6/19/2015	15:23:17	COM5	8.4	8	580	111.6	111.6 BBLS FRESH WATER
Event	20	Other	6/19/2015	15:38:47	USER	8.4	4	456	101	SLOWED TO 4 BBLS/MIN PER CO REP AT 101 BBLS GONE
Event	21	Bump Plug	6/19/2015	15:41:04	COM5			1100	111.6	BUMPED AT 550 PSI PRESSURED UP TO 1100 PSI
Event	22	Check Floats	6/19/2015	15:44:10	USER					FLOATS HELD .5 BBLS BACK
Event	23	End Job	6/19/2015	15:46:08	COM5					GREAT RETURNS THROUGHOUT JOB. WATER SPACER BACK AT ABOUT 60 AWAY AND GOOD CEMENT AT 80 DURING DISPLACEMENT
Event	24	Pre-Rig Up Safety Meeting	6/19/2015	15:50:00	USER					ALL HES PRESENT

Event	25	Rig Down Lines	6/19/2015	16:00:00	USER	
Event	26	Pre-Convoy Safety Meeting	6/19/2015	17:15:00	USER	ALL HES PRESENT
Event	27	Crew Leave Location	6/19/2015	17:30:00	USER	THANK YOU FOR USING HALLIBURTON CEMENT. CLIFF SPARKS AND CREW