

URSA RESOURCES GROUP II LLC

Watson Ranch B 24AWI-17-07-95

Craig 7

Post Job Summary

Cement Surface Casing

Date Prepared: 04/11/15

Job Date: 04/3/15

Submitted by: Jenna Cook - Cement Engineer

The Road to Excellence Starts with Safety

Sold To #: 369755	Ship To #: 369755	Quote #: 0022013660	Sales Order #: 0902214131
Customer: URSA RESOURCES GROUP II LLC		Customer Rep: Craig Smith	
Well Name: WATSON RANCH B 24AWI-	Well #: 17-07-95	API/UWI #: 05045228010000	
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		Srvc Supervisor: Carlton Kukus	

Job

Formation Name	
Formation Depth (MD)	Top Bottom
Form Type	BHST 200 degF
Job depth MD	1724ft Job Depth TVD
Water Depth	Wk Ht Above Floor 5ft
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	9.625	8.921	36	LTC	J-55	0	1724	0	1724
Open Hole Section			12.25				0	1747	0	1747

Tools and Accessories

Type	Size in	Qty	Make	Depth ft	Type	Size in	Qty	Make
Guide Shoe	9.625	1		1724	Top Plug	9.625	1	HES
Float Shoe	9.625				Bottom Plug	9.625		HES
Float Collar	9.625	1		1677.49	SSR plug set	9.625		HES
Insert Float	9.625				Plug Container	9.625	1	HES
Stage Tool	9.625				Centralizers	9.625		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	
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	VariCem GJ5	VARICEM (TM) CEMENT	228	sack	12.3	2.46	14.17	6	

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	VariCem GJ5	VARICEM (TM) CEMENT	103	sack	12.8	2.18	12.11	6	
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	129.6	bbl	8.33			6	
Cement Left In Pipe	Amount	46 ft			Reason	Shoe Joint			
Comment THERE WER GOOD RETURNS THROUGHOUT CEMENT JOB, 10 BBLs OF CEMENT TO SURFACE, RIG USED 40 POUNDS OF SUGAR									

1.0 Real-Time Job Summary

1.1 Job Event Log

Type	Seq. No.	Activity	Date	Time	Source	DH Density (ppg)	PS Pump Press (psi)	Pump Stg Tot (bbl)	Comb Pump Rate (bbl/min)	Comments
Event	1	Call Out	4/2/2015	15:30:00	USER					ALL HES CREW CALLED
Event	2	Pre-Convoy Safety Meeting	4/2/2015	18:00:00	USER					JOURNEY CREATED, ALL HES TO DISCUSS HAZARDS
Event	3	Crew Leave Yard	4/2/2015	18:30:00	USER					1-F-550 PICKUP, 1-ELITE PUMP TRUCK, 1-660 BULK TRUCK, 1-BODY LOAD
Event	4	Arrive At Loc	4/2/2015	20:00:00	USER					HES ARRIVED 1.5 HOURS EARLY
Event	5	Assessment Of Location Safety Meeting	4/2/2015	20:15:00	USER					RIG WAS ALMOST DONE RUNNING CASING, HES SPOTTED EQUIPMENT AND HELD SAFETY MEETING
Event	6	Pre-Rig Up Safety Meeting	4/2/2015	20:20:00	USER					JSA FILLED OUT, ALL HES TO DISCUSS RIG UP HAZARDS
Event	7	Rig-Up Equipment	4/2/2015	20:25:00	USER					RIG UP IRON TO THE PLUG CONTAINER, WATER HOSES TO UPRIGHT AND BULK EQUIPMENT TO PUMP TRUCK
Event	8	Rig-Up Completed	4/2/2015	20:45:00	USER					COMPLETED
Event	9	Pre-Job Safety Meeting	4/2/2015	20:50:00	USER					ALL HES AND RIG CREW TO DISCUSS JOB AND HAZARDS
Event	10	Start Job	4/2/2015	21:00:00	COM5					TD: 1747FT TP: 1723.52FT SJ: 46.02FT OH: 12.25 CSG: 9.625 36# J-55 MUD WT: 10.7 VISC: 40
Event	11	Prime Pumps	4/2/2015	21:01:32	USER	8.34	56	2	2	FILL LINES TO PRESSURE TEST

Event	12	Pressure Test	4/2/2015	21:02:58	USER	8.39	3030	2		TEST LINES TO 3000 PSI, PRESSURE TEST OK
Event	13	Pump Spacer	4/2/2015	21:05:44	USER	8.34	116	20	4	20 BBL FRESH WATER SPACER
Event	14	Pump Lead Cement	4/2/2015	21:10:59	COM5	12.3	135	99.9	6	228 SKS OF VARICEM CEMENT (99.9 BBLs) 12.3PPG 2.46YIELD 14.17GAL/SK WEIGHT OF CEMENT VERIFIED VIA MUD SCALES THROUGHOUT LEAD CEMENT
Event	15	Pump Tail Cement	4/2/2015	21:28:11	COM5	12.8	69	39.9	6	103 SKS OF VARICEM CEMENT (39.9 BBLs) 12.8PPG 2.18YIELD 12.11GAL/SK WEIGHT OF CEMENT VERIFIED VIA MUD SCALES THROUGHOUT TAIL CEMENT
Event	16	Shutdown	4/2/2015	21:34:44	USER					SHUTDOWN END OF CEMENT, HES WASHED UP ON TOP OF THE PLUG, READY TANKS FOR DISPLACEMENT
Event	17	Drop Top Plug	4/2/2015	21:40:34	COM5					PLUG AWAY NO PROBLEMS
Event	18	Pump Displacement	4/2/2015	21:40:37	COM5	8.34	385	110	5	FRESH WATER DISPLACEMENT
Event	19	Slow Rate	4/2/2015	22:06:22	USER	8.34	385	16.6	2	SLOW RATE WHEN CEMENT WAS SEEN AT SURFACE AND TO BUMP THE PLUG
Event	20	Bump Plug	4/2/2015	22:13:28	USER	8.34	400	126.6	2	BUMPED PLUG AT 400 PSI, TOOK TO 950 PSI
Event	21	Check Floats	4/2/2015	22:15:57	USER	8.33	950	126.6		FLOATS HELD .5 BBL BACK TO TANKS
Event	22	End Job	4/2/2015	22:17:26	COM5					THERE WERE GOOD RETURNS THROUGHOUT

CEMENT JOB, THERE WAS
 10 BBLS OF CEMENT
 BROUGHT TO SURFACE, RIG
 USED 40 POUNDS OF
 SUGAR

Event	23	Pre-Rig Down Safety Meeting	4/2/2015	22:25:57	USER	ALL HES CREW INVOLVED IN SAFETY MEETING
Event	24	Rig-Down Equipment	4/2/2015	22:30:00	USER	WASH UP AND BLOW DOWN PUMP TRUCK, RIG DOWN ALL EQUIPMENT AND RACK UP AND SECURE
Event	25	Rig-Down Completed	4/2/2015	23:00:00	USER	COMPLETED
Event	26	Pre-Convoy Safety Meeting	4/2/2015	23:15:00	USER	JOURNEY CREATED, ALL HES INVOLVED IN SAFETY MEETIN
Event	27	Crew Leave Location	4/2/2015	23:30:00	USER	1-F-550 PICKUP, 1-ELITE PUMP TRUCK, 1-660 BULK TRUCK, 1-BODY LOAD, THANK YOU FOR CHOOSING HALLIBURTON CEMENT CARL KUKUS AND CREW