
URSA RESOURCES GROUP II LLC

**FREI A23
KOKOPELLI
Garfield County , Colorado**

Cement Surface Casing
28-Jan-2014

Post Job Summary

The Road to Excellence Starts with Safety

Sold To #: 369755	Ship To #: 3122860	Quote #:	Sales Order #: 901070557
Customer: URSA RESOURCES GROUP II LLC	Customer Rep:		
Well Name: FREI	Well #: A23	API/UWI #: 05-045-19953	
Field: KOKOPELLI	City (SAP): NEW CASTLE	County/Parish: Garfield	State: Colorado
Lat: N 39.536 deg. OR N 39 deg. 32 min. 9.438 secs.	Long: W 107 deg. OR W -107 deg. 0 min. 0 secs.		
Contractor: CRAIG	Rig/Platform Name/Num: 6		
Job Purpose: Cement Surface Casing			
Well Type: Development Well	Job Type: Cement Surface Casing		
Sales Person: COURTNEY, TREVOR	Srvc Supervisor: CARTER, ERIC	MBU ID Emp #: 345598	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
CAMPBELL, DAVID Arthur	0.0	544403	CARTER, ERIC Earl	0.0	345598	DIAZ, ZACHARY Ryan	0.0	554549
LINN, PAUL Andrew	0.0	479143						

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10551730C	60 mile	10744549	60 mile	10951246	60 mile	11808849	60 mile

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours

TOTAL Total is the sum of each column separately

Job

Formation Name					Date				Time		Time Zone						
Formation Depth (MD)		Top		Bottom		Called Out				28 - Jan - 2014		14:00		MST			
Form Type				BHST		On Location				28 - Jan - 2014		19:30		MST			
Job depth MD		1047.5 ft		Job Depth TVD		1047.5 ft		Job Started				28 - Jan - 2014		22:05		MST	
Water Depth				Wk Ht Above Floor		5. ft		Job Completed				28 - Jan - 2014		23:13		MST	
Perforation Depth (MD)		From				To		Departed Loc				29 - Jan - 2014		00:00		MST	

Well Data

Description	New / Used	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
OPEN HOLE				12.25				60.	1075.		
CONDUCTOR CASING	Unknown		16.	15.124	75.			.	60.		
SURFACE CASING	Unknown		8.625	7.921	32.		J-55	.	1047.5		

Sales/Rental/3rd Party (HES)

Description	Qty	Qty uom	Depth	Supplier
SUGAR - GRANULATED	60	LB		

Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug			
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container			
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 ft ³ /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	Fresh Water		20.00	bbl	8.34	.0	.0	.0	
2	VariCem GJ 1	VARICEM (TM) CEMENT (452009)	130.0	sacks	12.3	2.38	13.77	6.0	13.77
	0.25 lbm	POLY-E-FLAKE (101216940)							
	0.25 %	D-AIR 5000, 50 LB SACK (102068797)							
	13.77 Gal	FRESH WATER							
3	VariCem GJ 1	VARICEM (TM) CEMENT (452009)	140.0	sacks	12.8	2.11	11.77	6.0	11.77
	0.25 lbm	POLY-E-FLAKE (101216940)							
	0.25 lbm	D-AIR 5000, 50 LB SACK (102068797)							
	11.77 Gal	FRESH WATER							
4	Displacement		61.00	bbl	8.33	.0	.0	5.0	
Calculated Values		Pressures		Volumes					
Displacement		Shut In: Instant		Lost Returns		Cement Slurry		Pad	
Top Of Cement		5 Min		Cement Returns		Actual Displacement		Treatment	
Frac Gradient		15 Min		Spacers		Load and Breakdown		Total Job	
Rates									
Circulating		Mixing		Displacement		Avg. Job			
Cement Left In Pipe	Amount	43.36 ft	Reason	Shoe Joint					
Frac Ring # 1 @	ID		Frac ring # 2 @	ID		Frac Ring # 3 @	ID		Frac Ring # 4 @
The Information Stated Herein Is Correct				Customer Representative Signature					

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Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Arrive at Location from Other Job or Site	01/28/2014 19:30							RIG RUNNING CASING
Assessment Of Location Safety Meeting	01/28/2014 20:30							ATTENDED BY ALL HES CREW
Other	01/28/2014 20:40							SPOT EQUIPMENT
Pre-Rig Up Safety Meeting	01/28/2014 20:50							ATTENDED BY ALL HES CREW
Rig-Up Equipment	01/28/2014 21:00							
Pre-Job Safety Meeting	01/28/2014 21:45							ATTENDED BY ALL HES CREW, RIG CREW AND COMPANY REP
Start Job	01/28/2014 22:05							TP 1047.5', TD 1075', SJ 43.36', FC 1004.14', MW 9.4 PPG, CASING 8.625", 32#, J-55, CONDUCTOR CASING 16", 75# SET AT 60', 13 CENTRALIZERS, RIG CIRCULATED BOTTOMS UP PRIOR TO JOB
Other	01/28/2014 22:05		2	2			150.0	FILL LINES
Test Lines	01/28/2014 22:07							PRESSURED UP TO 1050 PSI LOW, 2850 PSI HIGH, PRESSURE HELD
Pump Spacer	01/28/2014 22:12		4	10			180.0	FRESH WATER
Pump Lead Cement	01/28/2014 22:18		3.5	55.1			130.0	130 SKS VARICEM MIXED AT 12.3 PPG, 2.38 YIELD, 13.75 GL/SK, EST. TOC 367'

Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pump Tail Cement	01/28/2014 22:32		3.5	52.6			30.0	140 SKS VARICEM MIXED AT 12.8 PPG, 2.11 YIELD, 11.75 GL/SK, EST. TOC SURFACE
Shutdown	01/28/2014 22:46							
Drop Top Plug	01/28/2014 22:46							PLUG LAUNCHED
Pump Displacement	01/28/2014 22:47		4	51.2			230.0	FRESH WATER
Slow Rate	01/28/2014 23:03		3	10			260.0	
Bump Plug	01/28/2014 23:07						1073.0	PLUG LANDED
Check Floats	01/28/2014 23:11						1110.0	FLOATS HELD
End Job	01/28/2014 23:13							GOOD CIRCULATION THROUGH OUT JOB, PIPE NOT MOVED DURING JOB, TRACE OF CEMENT AT 5 BBLS DISPLACEMENT PUMPED, 25 BBLS GOOD CEMENT TO SURFACE
Post-Job Safety Meeting (Pre Rig-Down)	01/28/2014 23:15							ATTENDED BY ALL HES CREW
Rig-Down Equipment	01/28/2014 23:20							
Depart Location Safety Meeting	01/28/2014 23:50							ATTENDED BY ALL HES CREW
Crew Leave Location	01/29/2014 00:00							THANK YOU FOR USING HALLIBURTON CEMENT, ERIC CARTER AND CREW.