
URSA RESOURCES GROUP II LLC

**FREI A2
KOKOPELLI
Garfield County , Colorado**

Cement Surface Casing
03-Feb-2014

Post Job Report

The Road to Excellence Starts with Safety

Sold To #: 369755	Ship To #: 3122861	Quote #:	Sales Order #: 901090074
Customer: URSA RESOURCES GROUP II LLC	Customer Rep: Wychgram, Hans		
Well Name: FREI	Well #: A2	API/UWI #: 05-045-19954	
Field: KOKOPELLI	City (SAP): NEW CASTLE	County/Parish: Garfield	State: Colorado
Contractor: CRAIG	Rig/Platform Name/Num: #6		
Job Purpose: Cement Surface Casing			
Well Type: Development Well	Job Type: Cement Surface Casing		
Sales Person: CORMIER, ALLISON	Srv 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	LINN, PAUL Andrew	0.0	479143
ROBINSON, JAMES Daniel	0.0	560123						

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10867304	60 mile	10872429	60 mile	11360871	60 mile	11583933	60 mile
11808833	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							
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Job				Job Times			
Formation Name				Date	Time	Time Zone	
Formation Depth (MD)	Top		Bottom	Called Out	03 - Feb - 2014	12:30	MST
Form Type	BHST			On Location	03 - Feb - 2014	18:00	MST
Job depth MD	1040.3 ft			Job Started	03 - Feb - 2014	19:16	MST
Water Depth	Wk Ht Above Floor			Job Completed	03 - Feb - 2014	20:29	MST
Perforation Depth (MD)	From		To	Departed Loc	03 - Feb - 2014	21:30	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.	1072.		
CONDUCTOR CASING	Unknown		16.	15.124	75.		J-55	.	60.		
SURFACE CASING	Unknown		8.625	7.921	32.		J-55	.	1040.3		

Sales/Rental/3rd Party (HES)

Description	Qty	Qty uom	Depth	Supplier
PLUG,CMTG,TOP,8 5/8,HWE,7.20 MIN/8.09 MA	1	EA		
SUGAR - GRANULATED	70	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		10.00	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)	150.0	sacks	12.8	2.11	11.77	6.0	11.77	
	0.25 lbm	POLY-E-FLAKE (101216940)								
	11.77 Gal	FRESH WATER								
	0.25 %	D-AIR 5000, 50 LB SACK (102068797)								
4	Displacement		60.00	bbl	8.33	.0	.0	4.0		
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	44.1 ft	Reason	Shoe Joint						
Frac Ring # 1 @	ID		Frac ring # 2 @	ID		Frac Ring # 3 @	ID		Frac Ring # 4 @	ID
The Information Stated Herein Is Correct				Customer Representative Signature						

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Well Name: FREI			Well #: A2			API/UWI #: 05-045-19954	
Field: KOKOPELLI		City (SAP): NEW CASTLE		County/Parish: Garfield		State: Colorado	
Legal Description:							
Lat: N 0 deg. OR N 0 deg. 0 min. 0 secs.				Long: E 0 deg. OR E 0 deg. 0 min. 0 secs.			
Contractor: CRAIG			Rig/Platform Name/Num: #6				
Job Purpose: Cement Surface Casing						Ticket Amount:	
Well Type: Development Well			Job Type: Cement Surface Casing				
Sales Person: CORMIER, ALLISON			Srvc Supervisor: CARTER, ERIC			MBU ID Emp #: 345598	

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	02/03/2014 12:30							
Depart Yard Safety Meeting	02/03/2014 15:50							ATTENDED BY ALL HES CREW
Crew Leave Yard	02/03/2014 16:00							
Arrive At Loc	02/03/2014 18:00							RIG READY
Assessment Of Location Safety Meeting	02/03/2014 18:10							ATTENDED BY ALL HES CREW
Other	02/03/2014 18:20							SPOT EQUIPMENT
Pre-Rig Up Safety Meeting	02/03/2014 18:30							ATTENDED BY ALL HES CREW
Rig-Up Equipment	02/03/2014 18:40							
Pre-Job Safety Meeting	02/03/2014 19:00							ATTENDED BY ALL HES CREW, RIG CREW AND COMPANY REP
Start Job	02/03/2014 19:16							TP 1040.25', TD 1072', SJ 44.13', FC 996.12', MW 9.2 PPG, CASING 8.625", 32#, J-55, HOLE 12.25", 13 CENTRALIZERS, RIG CIRCULATED 30 MINUTES PRIOR TO JOB AT 5.5 BPM
Other	02/03/2014 19:17		2	1			45.0	FILL LINES
Test Lines	02/03/2014 19:18							PRESSURED UP TO2080 PSI LOW, 3198 PSI HIGH, PRESSURE HELD
Pump Spacer	02/03/2014 19:21		4	10			60.0	FRESH WATER

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pump Lead Cement	02/03/2014 19:28		5	55.1			65.0	130 SKS VARICEM MIXED AT 12.3 PPG, 2.38 YIELD, 13.75 GL/SK
Pump Tail Cement	02/03/2014 19:40		3	56.4			15.0	150 SKS VARICEM MIXED AT 12.8 PPG, 2.11 YIELD, 11.75 GL/SK
Shutdown	02/03/2014 20:02							
Drop Top Plug	02/03/2014 20:03							PLUG LAUNCHED
Pump Displacement	02/03/2014 20:03		4	50.7			200.0	FRESH WATER
Slow Rate	02/03/2014 20:20		3	10			230.0	
Bump Plug	02/03/2014 20:23						873.0	PLUG LANDED
Check Floats	02/03/2014 20:28						878.0	FLOATS HELD
End Job	02/03/2014 20:29							GOOD CIRCULATION THROUGH OUT JOB, PIPE NOT MOVED DURING JOB, TRACES OF CEMENT AT 20 BBLS DISPLACEMENT PUMPED, 25 BBLS CEMENT TO SURFACE
Crew Leave Location	02/03/2014 20:30							THANK YOU FOR USING HALLIBURTON CEMENT, ERIC CARTER AND CREW.
Post-Job Safety Meeting (Pre Rig-Down)	02/03/2014 20:30							ATTENDED BY ALL HES CREW
Rig-Down Equipment	02/03/2014 20:35							
Depart Location Safety Meeting	02/03/2014 21:20							ATTENDED BY ALL HES CREW