
URSA RESOURCES GROUP II LLC

**FREI A24
KOKOPELLI
Garfield County , Colorado**

Cement Surface Casing
31-Jan-2014

Post Job Report

The Road to Excellence Starts with Safety

Sold To #: 369755	Ship To #: 3122867	Quote #:	Sales Order #: 901077273
Customer: URSA RESOURCES GROUP II LLC	Customer Rep: Wychgram, Hans		
Well Name: FREI	Well #: A24	API/UWI #: 05-045-19960	
Field: KOKOPELLI	City (SAP): NEW CASTLE	County/Parish: Garfield	State: Colorado
Lat: N 39.536 deg. OR N 39 deg. 32 min. 9.316 secs.	Long: W 10.603 deg. OR W -11 deg. 23 min. 48.005 secs.		
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: PONDER, THOMAS	MBU ID Emp #: 427112	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
DIAZ, ZACHARY Ryan	4	554549	LAULAINEN, ROGER Edward	4	524413	PONDER, THOMAS Lynn	4	427112

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10565341	60 mile	10872429	60 mile	10989685	60 mile	11583931	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
01/31/2014	4	2						

TOTAL Total is the sum of each column separately

Job

Formation Name					Date				Time		Time Zone						
Formation Depth (MD)		Top		Bottom		Called Out				31 - Jan - 2014		09:30		MST			
Form Type				BHST		On Location				31 - Jan - 2014		14:00		MST			
Job depth MD		1500. ft		Job Depth TVD		1500. ft		Job Started				31 - Jan - 2014		16:02		MST	
Water Depth				Wk Ht Above Floor		6. ft		Job Completed				31 - Jan - 2014		17:01		MST	
Perforation Depth (MD)		From				To		Departed Loc				31 - Jan - 2014		18:00		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
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Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe	8 5/8	1		1046.6	Packer					Top Plug	8 5/8	1	HES
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar	8 5/8	1		1001.7	Retainer					SSR plug set			
Insert Float										Plug Container	8 5/8	1	HES
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 ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk

Stage/Plug #: 1									
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density uom	Yield uom	Mix Fluid uom	Rate uom	Total Mix Fluid uom
1	Fresh Water			bbl	8.34	.0	.0	4.0	

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
2	VariCem GJ 1	VARICEM (TM) CEMENT (452009)		sacks	12.3	2.38	13.77	5.0	13.77
	13.77 Gal	FRESH WATER							
3	VariCem GJ 1	VARICEM (TM) CEMENT (452009)		sacks	12.8	2.11	11.77	5.0	11.77
	11.77 Gal	FRESH WATER							
4	DISPLACEMENT			bbl	.	.0	.0	5.0	
Calculated Values		Pressures		Volumes					
Displacement	61	Shut In: Instant		Lost Returns		Cement Slurry	107.7	Pad	
Top Of Cement	SURFACE	5 Min		Cement Returns	25	Actual Displacement	61	Treatment	
Frac Gradient		15 Min		Spacers	10	Load and Breakdown		Total Job	178.7
Rates									
Circulating		Mixing	5	Displacement	5	Avg. Job			5
Cement Left In Pipe	Amount	0 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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Legal Description:			
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Job Purpose: Cement Surface Casing			Ticket Amount:
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: CORMIER, ALLISON		Srvc Supervisor: PONDER, THOMAS	MBU ID Emp #: 427112

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	01/31/2014 09:30							
Crew Leave Yard	01/31/2014 12:00							ALL HES PRESENT FOR PRE-CONVOY SAFETY HUDDLE
Arrive At Loc	01/31/2014 14:00							RIG WAS JUST FINISHING RUNNING CASING, THEN HAD TO MOVE RIG OUT OF THE WAY
Assessment Of Location Safety Meeting	01/31/2014 14:30							TD- 1074', TP- 1046.6', SJ- 44.9', MUD- 9.5 PPG, HOLE- 12 1/4", SURFACE CASING- 8 5/8" 32# J-55
Rig-Up Equipment	01/31/2014 15:00							1-550 PICKUP, 1-ELITE PUMP, 1-660 CUFT BULK TRUCK
Safety Meeting	01/31/2014 15:45							ALL HES PRESENT, RIG CREW PRESENT
Start Job	01/31/2014 16:02		2	2			60.0	FILL LINES
Test Lines	01/31/2014 16:05		1	0.5			2017.0	GOOD PRESSURE TEST NO LEAKS IN THE LINES
Pump Spacer 1	01/31/2014 16:11		4	10			84.0	FRESH WATER
Pump Lead Cement	01/31/2014 16:16		5	55.1			113.0	130 SKS 12.3 PPG 2.38 FT3/SK 13.77 GAL/SK
Pump Tail Cement	01/31/2014 16:28		5	52.6			65.0	140 SKS 12.8 PPG 2.11 FT3/SK 11.77 GAL/SK
Shutdown	01/31/2014 16:39							

Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Drop Plug	01/31/2014 16:40							PLUG DROP VERIFIED VIA TATTLE TELL
Pump Displacement	01/31/2014 16:41		5	51			287.0	FRESH WATER, WASHED UP MIXING TUB ON TOP OF PLUG
Slow Rate	01/31/2014 16:53		2	10	61		230.0	GOOD CIRCULATION THROUGH OUT THE JOB, 25 BBL CEMENT CIRCULATED TO SURFACE
Bump Plug	01/31/2014 16:58				61		271.0	PLUG BUMPED
Check Floats	01/31/2014 17:00						1008.0	FLOATS HELD, 1/2 BBL BACK TO THE DISPLACEMENT TANKS
End Job	01/31/2014 17:01							THANK YOU FOR CHOOSING HALLIBURTON, THOMAS PONDER AND CREW