

---

**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*

<b>Sold To #:</b> 369755	<b>Ship To #:</b> 3122867	<b>Quote #:</b>	<b>Sales Order #:</b> 901077273
<b>Customer:</b> URSA RESOURCES GROUP II LLC		<b>Customer Rep:</b> Wychgram, Hans	
<b>Well Name:</b> FREI	<b>Well #:</b> A24	<b>API/UWI #:</b> 05-045-19960	
<b>Field:</b> KOKOPELLI	<b>City (SAP):</b> NEW CASTLE	<b>County/Parish:</b> Garfield	<b>State:</b> Colorado
<b>Lat:</b> N 39.536 deg. OR N 39 deg. 32 min. 9.316 secs.		<b>Long:</b> W 10.603 deg. OR W -11 deg. 23 min. 48.005 secs.	
<b>Contractor:</b> CRAIG		<b>Rig/Platform Name/Num:</b> #6	
<b>Job Purpose:</b> Cement Surface Casing			
<b>Well Type:</b> Development Well		<b>Job Type:</b> Cement Surface Casing	
<b>Sales Person:</b> CORMIER, ALLISON		<b>Srvc Supervisor:</b> PONDER, THOMAS	<b>MBU ID Emp #:</b> 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						
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**

**Job Times**

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

**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 <sup>3</sup> /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					

*The Road to Excellence Starts with Safety*

<b>Sold To #:</b> 369755	<b>Ship To #:</b> 3122867	<b>Quote #:</b>	<b>Sales Order #:</b> 901077273
<b>Customer:</b> URSA RESOURCES GROUP II LLC		<b>Customer Rep:</b> Wychgram, Hans	
<b>Well Name:</b> FREI	<b>Well #:</b> A24	<b>API/UWI #:</b> 05-045-19960	
<b>Field:</b> KOKOPELLI	<b>City (SAP):</b> NEW CASTLE	<b>County/Parish:</b> Garfield	<b>State:</b> Colorado
<b>Legal Description:</b>			
<b>Lat:</b> N 39.536 deg. OR N 39 deg. 32 min. 9.316 secs.		<b>Long:</b> W 10.603 deg. OR W -11 deg. 23 min. 48.005 secs.	
<b>Contractor:</b> CRAIG		<b>Rig/Platform Name/Num:</b> #6	
<b>Job Purpose:</b> Cement Surface Casing			<b>Ticket Amount:</b>
<b>Well Type:</b> Development Well		<b>Job Type:</b> Cement Surface Casing	
<b>Sales Person:</b> CORMIER, ALLISON		<b>Srvc Supervisor:</b> PONDER, THOMAS	<b>MBU ID Emp #:</b> 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							

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