
URSA RESOURCES GROUP II LLC

**Frei A3
KOKOPELLI
Garfield County , Colorado**

Cement Surface Casing
05-Feb-2014

Post Job Report

The Road to Excellence Starts with Safety

Sold To #: 369755		Ship To #: 3122866		Quote #:		Sales Order #: 901090708	
Customer: URSA RESOURCES GROUP II LLC				Customer Rep:			
Well Name: Frei			Well #: A3		API/UWI #: 05-045-19959		
Field: KOKOPELLI		City (SAP): NEW CASTLE		County/Parish: Garfield		State: Colorado	
Lat: N 39.536 deg. OR N 39 deg. 32 min. 8.948 secs.				Long: W 107.603 deg. OR W -108 deg. 23 min. 47.933 secs.			
Contractor: CRAIG			Rig/Platform Name/Num: #6				
Job Purpose: Cement Surface Casing							
Well Type: Development Well			Job Type: Cement Surface Casing				
Sales Person:			Srvc Supervisor: DEUSSEN, EDWARD			MBU ID Emp #: 485182	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
BANKS, BRENT A	4.5	371353	DEUSSEN, EDWARD Eric	4.5	485182	EICKHOFF, ROBERT Edward	4.5	495311

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10001431	60 mile	10551730C	60 mile	11071559	60 mile	11583932	60 mile
11808841	60 mile						

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
2/5/14	4.5	4.5						

TOTAL Total is the sum of each column separately

Job

Formation Name	Job	Job Times
Formation Depth (MD) Top	Bottom	Date Time Time Zone
Form Type	BHST	Called Out 04 - Feb - 2014 22:00 MST
Job depth MD 1044. ft	Job Depth TVD 1044. ft	On Location 05 - Feb - 2014 04:30 MST
Water Depth	Wk Ht Above Floor 5. ft	Job Started 05 - Feb - 2014 06:29 MST
Perforation Depth (MD) From	To	Job Completed 05 - Feb - 2014 07:43 MST
		Departed Loc 05 - Feb - 2014 09:00 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					Packer					Top Plug	8 5/8	1	HES
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					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		10.00	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)	130.0	sacks	12.3	2.38	13.77	4.0	13.77
	0.125 lbm	POLY-E-FLAKE (101216940)							
	2.5 lbm	PHENO SEAL MEDIUM, 40 LB BAG (101307743)							
	13.77 Gal	FRESH WATER							
3	VariCem GJ 1	VARICEM (TM) CEMENT (452009)	150.0	sacks	12.8	2.11	11.77	5.0	11.77
	0.125 lbm	POLY-E-FLAKE (101216940)							
	2.5 lbm	PHENO SEAL MEDIUM, 40 LB BAG (101307743)							
	11.77 Gal	FRESH WATER							
Calculated Values		Pressures		Volumes					
Displacement	61.0	Shut In: Instant		Lost Returns		Cement Slurry	111.5	Pad	
Top Of Cement	SURFACE	5 Min		Cement Returns	50	Actual Displacement	61	Treatment	
Frac Gradient		15 Min		Spacers	10	Load and Breakdown		Total Job	182.5
Rates									
Circulating		Mixing		Displacement		Avg. Job			
Cement Left In Pipe	Amount	43 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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Job Purpose: Cement Surface Casing			Ticket Amount:
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person:		Srvc Supervisor: DEUSSEN, EDWARD	MBU ID Emp #: 485182

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	02/05/2014 00:00							CREW ROLLED FROM PREVIOUS JOB
Pre-Convoy Safety Meeting	02/05/2014 02:15							ALL HES PERSONNEL
Crew Leave Yard	02/05/2014 02:30							1 ELITE, 1 660, 1 PICKUP
Arrive At Loc	02/05/2014 04:30							RIG READY FOR CEMENT JOB
Assessment Of Location Safety Meeting	02/05/2014 04:40							
Pre-Rig Up Safety Meeting	02/05/2014 04:50							ALL HES PERSONNEL
Rig-Up Equipment	02/05/2014 05:00							
Pre-Job Safety Meeting	02/05/2014 06:15							ALL HES PERSONNEL
Start Job	02/05/2014 06:29							TD 1054'. TP 1044', SJ 43', MUD 9.5 PPG, 12 1/4" OH, 8 5/8" CSG 32# J-55
Other	02/05/2014 06:31		2	2			75.0	FILL LINES
Pressure Test	02/05/2014 06:35							PRESSURED UP TO 3152 PSI - PRESSURE HELD WELL
Pump Spacer 1	02/05/2014 06:39		3.5	10			202.0	FRESH WATER
Pump Lead Cement	02/05/2014 06:47		4	55.1			198.0	130 SKS, 12.3 PPG, 2.38 YIELD, 13.77 GAL/SK
Pump Tail Cement	02/05/2014 07:02		5	56.4			143.0	150 SKS, 12.8 PPG, 2.11 YIELD, 11.77 GAL/SK
Shutdown	02/05/2014 07:14							WASH UP ON TOP OF PLUG

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Drop Top Plug	02/05/2014 07:17							
Pump Displacement	02/05/2014 07:19		5	61			152.0	FRESH WATER
Slow Rate	02/05/2014 07:32		2	10			148.0	
Bump Plug	02/05/2014 07:37						152.0	GOT 50 BBLS CEMENT RETURNS TO SURFACE
Check Floats	02/05/2014 07:40						1180.0	FLOATS HELD - GOT 1/2 BBL BACK
End Job	02/05/2014 07:43							NO ADD HOURS, 40 LBS SUGAR USED
Pre-Rig Down Safety Meeting	02/05/2014 07:50							ALL HES PERSONNEL
Rig-Down Equipment	02/05/2014 08:00							
Pre-Convoy Safety Meeting	02/05/2014 08:45							ALL HES PERSONNEL
Crew Leave Location	02/05/2014 09:00							THANK YOU FOR USING HALLIBURTON - ED DEUSSEN AND CREW