

CAERUS OIL AND GAS LLC - EBUS

NOLTE 11C-24

PATTERSON/303

Post Job Summary
Cement Surface Casing

Date Prepared: 03/30/2014

Submitted by: Grand Junction Cement Engineering

The Road to Excellence Starts with Safety

Sold To #: 360446	Ship To #: 3284737	Quote #: 0021831745	Sales Order #: 0901169901
Customer: CAERUS OIL AND GAS LLC - EBUS		Customer Rep: WHITEY COTTAM	
Well Name: NOLTE	Well #: 11C-24	API/UWI #: 05-045-22325-00	
Field: GRAND VALLEY	City (SAP): PAR	County/Parish: GARFIELD	State: COLORADO
Legal Description: SE SE-14-7S-96W-755FSL-366FEL			
Contractor: PATTERSON-UTI ENERGY		Rig/Platform Name/Num: PATTERSON 303	
Job BOM: 7521			
Well Type: DIRECTIONAL GAS			
Sales Person: HALAMERICA\HX17509		Srcv Supervisor: Eric Carter	
Job			

Formation Name			
Formation Depth (MD)	Top	72 FT.	Bottom 1048 FT.
Form Type	BHST		
Job depth MD	1044 FT.		Job Depth TVD
Water Depth			Wk Ht Above Floor 5 FT.
Perforation Depth (MD)	From		To

Well Data										
Description	New / Used	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
Casing		9.625	8.921	36	LTC	J-55	0	1044		
Open Hole Section			13.5				100	1046		

Tools and Accessories									
Type	Size in	Qty	Make	Depth ft	Type	Size in	Qty	Make	
Guide Shoe	9.625			1000	Top Plug	9.625	1	HES	
Float Shoe	9.625				Bottom Plug	9.625		HES	
Float Collar	9.625				SSR plug set	9.625		HES	
Insert Float	9.625				Plug Container	9.625	1	HES	
Stage Tool	9.625				Centralizers	9.625		HES	

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 /sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal
	FRESH WATER	FRESH WATER	20		8.33			4	
11.77 Gal			FRESH WATER						

Cement Left In Pipe	Amount	40 ft	Reason	Shoe Joint
Comment				

Fluid Data											
Stage/Plug #: 1											
Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft ³ /sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal		
2	Tail Cement	VERSACEM (TM) SYSTEM		Sack/Ton	12.8	2.11		8	11.77		
11.77 Gal		FRESH WATER									
Cement Left In Pipe		Amount	40 ft	Reason				Shoe Joint			
Fluid Data											
Stage/Plug #: 1											
Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft ³ /sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal		
3	DISPLACEMENT	FRESH WATER	77.1		8.33			10			
11.77 Gal		FRESH WATER									
Cement Left In Pipe		Amount	46.46ft	Reason				Shoe Joint			

R. Boyd Cottan

3.1 Job Event Log

Type	Seq. No.	Activity	Graph Label	Date	Time	Source	PS Pump Press (psi)	DH Density (ppg)	Comb Pump Rate (bbl/min)	Pump Stg Tot (bbl)	Comment
Event	1	Arrive at Location from Other Job or Site	Arrive at Location from Other Job or Site	3/5/2014	15:00:00	USER					RIG RUNNING CASING
Event	2	Assessment Of Location Safety Meeting	Assessment Of Location Safety Meeting	3/5/2014	18:00:00	USER					ATTENDED BY ALL HES CREW
Event	3	Other	Other	3/5/2014	18:10:00	USER					SPOT EQUIPMENT
Event	4	Pre-Rig Up Safety Meeting	Pre-Rig Up Safety Meeting	3/5/2014	18:20:00	USER					ATTENDED BY ALL HES CREW
Event	5	Rig-Up Equipment	Rig-Up Equipment	3/5/2014	18:30:00	USER					
Event	6	Pre-Job Safety Meeting	Pre-Job Safety Meeting	3/5/2014	19:10:00	USER					ATTENDED BY ALL HES CREW, RIG CREW AND COMPANY REP
Event	7	Start Job	Start Job	3/5/2014	19:33:00	USER					TP 1008', LI 36' TD 1046', SJ 46.46', MW 9.9 PPG, CAING 9.625", 36#, J-55, 8 CENTRALIZERS, HOLE 13.5", CONDUCTOR CASING 16", 75# SET AT 72',
Event	8	Other	Other	3/5/2014	19:33:41	USER	30	8.33	2	2	FILL LINES
Event	9	Test Lines	Test Lines	3/5/2014	19:35:11	USER					PRESSURED UP TO 2840 PSI, PRESSURE HELD
Event	10	Pump Spacer	Pump Spacer	3/5/2014	19:38:29	USER	90	8.33	4	20	FRESH WATER
Event	11	Pump Tail Cement	Pump Tail Cement	3/5/2014	19:43:58	USER	280	12.3	8	109	290 SKS VARICEM MIXED AT 12.8 PPG, 2.11 YIELD, 11.75 GL/SK
Event	12	Shutdown	Shutdown	3/5/2014	19:59:26	USER					
Event	13	Drop Top Plug	Drop Top Plug	3/5/2014	20:00:06	USER					PLUG LAUNCHED
Event	14	Pump Displacement	Pump Displacement	3/5/2014	20:00:29	USER	450	8.33	10	64.3	FRESH WATER
Event	15	Slow Rate	Slow Rate	3/5/2014	20:09:37	USER	220	8.33	2	10	
Event	16	Shutdown	Shutdown	3/5/2014	20:14:44	USER					CONSULTED WITH COMPANY REP TO

											CONTINUE DISPLACEMENT, ADDED LANDING JOINT VOLUME.
Event	17	Resume	Resume	3/5/2014	20:19:11	USER	240	8.33	2	2.8	
Event	18	Bump Plug	Bump Plug	3/5/2014	20:20:33	USER	840				PLUG LANDED
Event	19	Check Floats	Check Floats	3/5/2014	20:23:47	USER					FLOATS HELD
Event	20	End Job	End Job	3/5/2014	20:24:40	USER					GOOD CIRCULATION THROUGH OUT JOB, 14 BBLS CEMENT TO SURFACE, PIPE NOT MOVED DURING JOB
Event	21	Post-Job Safety Meeting (Pre Rig- Down)	Post-Job Safety Meeting (Pre Rig-Down)	3/5/2014	20:25:00	USER					ATTENDED BY ALL HES CREW
Event	22	Rig-Down Equipment	Rig-Down Equipment	3/5/2014	20:30:00	USER					
Event	23	Depart Location Safety Meeting	Depart Location Safety Meeting	3/5/2014	21:50:00	USER					ATTENDED BY ALL HES CREW
Event	24	Crew Leave Location	Crew Leave Location	3/5/2014	22:00:00	USER					THANK YOU FOR USING HALLIBURTON CEMENT, ERIC CARTER AND CREW.