

CAERUS OIL AND GAS LLC - EBUS

Nolte 13B-13

Patterson/303

Post Job Summary

Cement Surface Casing

Date Prepared: 05/10/14

Job Date: 05/02/14

Submitted by: Kory Hugentobler - Cement Engineer

The Road to Excellence Starts with Safety

Sold To #: 360446	Ship To #: 3280263	Quote #:	Sales Order #: 0901309852
Customer: CAERUS OIL AND GAS LLC - EBUS		Customer Rep:	
Well Name: NOLTE	Well #: 13B-13	API/UWI #: 05-045-22298-00	
Field: GRAND VALLEY	City (SAP): PAR	County/Parish: GARFIELD	State: COLORADO
Legal Description: SE SE-14-7S-96W-810FSL-348FEL			
Contractor: PATTERSON-UTI ENERGY		Rig/Platform Name/Num: PATTERSON 303	
Job BOM: 7521			
Well Type: DIRECTIONAL GAS			
Sales Person: HALAMERICA\HAM2616		Srvc Supervisor:	
Job			

Formation Name	
Formation Depth (MD)	Top Bottom
Form Type	BHST
Job depth MD	999ft Job Depth TVD
Water Depth	Wk Ht Above Floor
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	3	16	15.124	75			0	100	0	0
Casing		9.625	8.921	36	LTC	J-55	0	999		0
Open Hole Section			13.5				100	1015	0	0

Tools and Accessories									
Type	Size in	Qty	Make	Depth ft	Type	Size in	Qty	Make	
Guide Shoe	9.625	1	WTF	999.4	Top Plug	9.625	1	HES	
Float Shoe	9.625				Bottom Plug	9.625		HES	
Float Collar	9.625	1	WTF	952.5	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				

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
1	Fresh Water Spacer	Fresh Water Spacer	20	bbl	8.34			4	
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	265	sack	12.8	2.18		8	12.11
12.07 Gal		FRESH WATER							
Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft³/sack	Mix Fluid Gal	Rate bbl/mi n	Total Mix Fluid Gal
3	Displacement	Displacement	73.6	bbl	8.34			10	
Cement Left In Pipe		Amount 47 ft	Reason			Shoe Joint			
Comment									

1.1 Job Event Log

Type	Seq No.	Graph Label	Date	Time	Source	DH Density (ppg)	Comb Pump Rate (bbl/min)	PS Pump Press (psi)	Pump Stg Tot (bbl)	Comment
Event	1	Call Out	5/2/2014	00:00:00	USER					ON LOCATION TIME @ 0200
Event	2	Arrive At Loc	5/2/2014	02:00:00	USER					CREW ARRIVED FROM ANOTHER LOCATION
Event	3	Assessment Of Location Safety Meeting	5/2/2014	02:30:00	USER					T
Event	4	Rig-Up Equipment	5/2/2014	03:00:00	USER					1-550 PICKUP, 1-ELITE PUMP, 1-660 CUFT BULK TRUCK
Event	5	Post-Job Safety Meeting (Pre Rig-Down)	5/2/2014	04:00:00	USER					ALL HES PRESENT, RIG CREW PRESENT, RIG TD CASING @ 0230
Event	6	Start Job	5/2/2014	04:15:00	COM6					
Event	7	Prime Pumps	5/2/2014	04:17:35	COM6	8.28	2	50	2	FILL LINES
Event	8	Test Lines	5/2/2014	04:20:10	COM6	8.32	.1	2895	.1	OK PRESSURE TEST, NO LEAKS IN THE LINES
Event	9	Pump Spacer 1	5/2/2014	04:27:03	COM6	8.32	4	175	20	FRESH WATER
Event	10	Pump Tail Cement	5/2/2014	04:34:02	COM6	12.84	8	365	102.9	265 SKS 12.8 PPG 2.18 FT3/SK 12.11 GAL/SK
Event	11	Shutdown	5/2/2014	04:48:17	COM6					
Event	12	Drop Plug	5/2/2014	04:49:07	COM6					PLUG DROP VERIFIED VIA TATTLE TELL
Event	13	Pump Displacement	5/2/2014	04:49:23	COM6	8.32	10	475	63.6	FRESH WATER, WASHED UP ON TOP OF THE PLUG WITH THE FIRST 10 BBL OF DISPLACEMENT OUT OF THE MIXING TUB
Event	14	Slow Rate	5/2/2014	04:58:56	USER	8.22	2	225	10	GOOD RETURNS, CIRCULATED 15 BBL OF CEMENT TO SURFACE
Event	15	Bump Plug	5/2/2014	05:03:59	USER			247	73.6	PLUG BUMPED
Event	16	Check Floats	5/2/2014	05:05:15	USER			701	73.6	FLOATS HELD, 3/4 BBL BACK TO THE DISPLACEMENT TANKS
Event	17	End Job	5/2/2014	05:05:53	COM6					THANK YOU FOR CHOOSING HALLIBURTON, THOMAS PONDER AND CREW