

CAERUS OIL AND GAS LLC - EBUS

Nolte 14D-13

**Workover**

## **Post Job Summary**

# **Cement Surface Casing**

Date Prepared: 05/29/14

Job Date: 03/28/14

Submitted by: Tony Eschete - Cement Engineer

The Road to Excellence Starts with Safety

Sold To #: 360446	Ship To #: 3280270	Quote #:	Sales Order #: 0901228511
Customer: CAERUS OIL AND GAS LLC - EBUS		Customer Rep: BOYD COTTAM	
Well Name: NOLTE	Well #: 14D-13	API/UWI #: 05-045-22304-00	
Field: GRAND VALLEY	City (SAP): PAR	County/Parish: GARFIELD	State: COLORADO
Legal Description: SE SE-14-7S-96W-777FSL-355FEL			
Contractor: PATTERSON-UTI ENERGY		Rig/Platform Name/Num: PATTERSON 303	
Job BOM: 7521			
Well Type: DIRECTIONAL GAS			
Sales Person: HALAMERICA\H105431		Srvc Supervisor: Thomas Ponder	

### Job

Formation Name	
Formation Depth (MD)	Top Bottom
Form Type	BHST
Job depth MD	1002ft 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	9.625	8.921	36		J-55	0	36	0	0
Casing	3	16	15.124	75			0	72	0	0
Casing		9.625	8.921	36	LTC	J-55	0	1002		0
Open Hole Section			13.5				72	1015	0	0

### Tools and Accessories

Type	Size in	Qty	Make	Depth ft	Type	Size in	Qty	Make
Guide Shoe	9.625	1	WTF	1002	Top Plug	9.625	1	HES
Float Shoe	9.625	1			Bottom Plug	9.625		HES
Float Collar	9.625	1	WTF	955.5	SSR plug set	9.625		HES
Insert Float	9.625	1			Plug Container	9.625	1	HES
Stage Tool	9.625	1			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 ft3/sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal
1	Tail Cement	VERSACEM (TM) SYSTEM	290	Sack/Ton	12.8	2.11		8	11.77
		11.77 Gal FRESH WATER							

Cement Left In Pipe	Amount	46.5 ft	Reason	Shoe Joint
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Comment

1.1 Job Event Log

Seq. No.	Activity	Graph Label	Date	Time	Source	DH Density (ppg)	Comb Pump Rate (bbl/min)	PS Pump Press (psi)	Pump Stg Tot (bbl)	Comment
1	Call Out	Call Out	3/28/2014	00:00:00	USER					ON LOCATION TIME 0600
2	Crew Leave Yard	Crew Leave Yard	3/28/2014	02:00:00	USER					ALL HES PRESENT FOR PRE-CONVOY SAFETY HUDDLE
3	Arrive At Loc	Arrive At Loc	3/28/2014	03:00:00	USER					RIG WAS JUST GETTING READY TO RUN CASING WHEN THE CREW ARRIVED
4	Assessment Of Location Safety Meeting	Assessment Of Location Safety Meeting	3/28/2014	07:45:00	USER					TD- 1015', TP- 1002', SJ- 46.5', MUD- 9.8 PPG, HOLE- 13 1/2", SURFACE CASING- 9 5/8" 36#
5	Rig-Up Equipment	Rig-Up Equipment	3/28/2014	08:00:00	USER					1-550 PICKUP, 1-ELITE PUMP, 1-660 CUFT BULK TRUCK
6	Pre-Job Safety Meeting	Pre-Job Safety Meeting	3/28/2014	08:45:00	USER					ALL HES PRESENT, RIG CREW PRESENT, STARTED CIRCULATING ON BOTTOM @ 0730
7	Start Job	Start Job	3/28/2014	09:16:14	COM6					
8	Pump Water	Pump Water	3/28/2014	09:16:57	USER	8.31	2	38	2	FILL LINES
9	Test Lines	Test Lines	3/28/2014	09:18:33	COM6	8.31	.1	2680	.1	HAD A FRAC VALVE LEAKING ON THE D/S PUMP WAS ABLE TO ISOLATE TO ENSURE THAT PRESSURE HELD AND THERE WERE NO LEAKS IN THE LINES
10	Pump Spacer 1	Pump Spacer 1	3/28/2014	09:28:58	COM6	8.25	4	84	20	FRESH WATER
11	Pump Lead Cement	Pump Lead Cement	3/28/2014	09:36:07	COM6	12.8	8	265	109	290 SKS 12.8 PPG 2.11 FT3/SK 11.77 GAL/SK
12	Shutdown	Shutdown	3/28/2014	09:50:33	USER					
13	Drop Top Plug	Drop Top Plug	3/28/2014	09:51:06	USER					PLUG DROP VERIFIED VIA TATTLE TELL
14	Pump Displacement	Pump Displacement	3/28/2014	09:51:45	COM6	8.34	8	386	63.9	FRESH WATER, WASHED UP ON TOP OF THE PLUG WITH THE FIRST 10 BBL OF DISPLACEMENT OUT OF THE MIXING TUB
15	Slow Rate	Slow Rate	3/28/2014	10:02:45	USER	8.14	2	230	10	GOOD RETURNS, CIRCULATED 17 BBL OF CEMENT TO SURFACE
16	Bump Plug	Bump Plug	3/28/2014	10:06:48	COM6			249	73.9	PLUG BUMPED

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17	Check Floats	Check Floats	3/28/2014	10:08:38	USER	1009	73.9	FLOATS HELD, 3/4 BBL BACK TO THE DISPLACEMENT TANKS
18	End Job	End Job	3/28/2014	10:09:03	COM6			THANK YOU FOR CHOOSING HALLIBURTON, THOMAS PONDER AND CREW

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