

CAERUS OIL AND GAS LLC - EBUS

Nolte 14A-13

**Patterson 303**

## **Post Job Summary**

# **Cement Surface Casing**

Date Prepared: 04/25/2014

Submitted by: Grand Junction Cement Engineering

The Road to Excellence Starts with Safety

Sold To #: 360446	Ship To #: 3280189	Quote #:	Sales Order #: 0901294005
Customer: CAERUS OIL AND GAS LLC - EBUS		Customer Rep: WHITEY COTTAN	
Well Name: NOLTE	Well #: 14A-13	API/UWI #: 05-045-22310-00	
Field: GRAND VALLEY	City (SAP): PAR	County/Parish: GARFIELD	State: COLORADO
Legal Description: SE SE-14-7S-96W-799FSL-343FEL			
Contractor: PATTERSON-UTI ENERGY		Rig/Platform Name/Num: PATTERSON 303	
Job BOM: 7521			
Well Type: DIRECTIONAL GAS			
Sales Person: HALAMERICA\HAM2616		Srvc Supervisor: Bill Jamison	
<b>Job</b>			

Formation Name			
Formation Depth (MD)	Top		Bottom
Form Type			BHST
Job depth MD	1005.54ft		Job Depth TVD
Water Depth			Wk Ht Above Floor 4
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		16	15.124	75			0	72	0	0
Casing		9.625	8.921	36	8 RD	J-55	0	1004.54		0
Open Hole Section			13.5				72	1025	0	0

Tools and Accessories

Type	Size in	Qty	Make	Depth ft	Type	Size in	Qty	Make
Guide Shoe	9.625			1005	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		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 <sup>3</sup> /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 <sup>3</sup> /sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal

2	Tail Cement	VERSACEM (TM) SYSTEM	265	sack	12.8	2.18		6	12.11
12.07 Gal		FRESH WATER							
<b>Fluid #</b>	<b>Stage Type</b>	<b>Fluid Name</b>	<b>Qty</b>	<b>Qty UoM</b>	<b>Mixing Density lbm/gal</b>	<b>Yield ft<sup>3</sup>/sack</b>	<b>Mix Fluid Gal</b>	<b>Rate bbl/mi n</b>	<b>Total Mix Fluid Gal</b>
3	Displacement	Displacement	74.2	bbl	8.34			6	
<b>Cement Left In Pipe</b>		<b>Amount</b>	44 ft		<b>Reason</b>		Shoe Joint		
<b>Comment</b>									



Crew: \_\_\_\_\_

WO #: 0901294005  
PO/AFE #: 1-14-002

Job Start Date: 4/24/2014 \_\_\_\_\_

Customer: CAERUS OIL AND GAS LLC -  
EBUS  
UWI / API Number: 05-045-22310-00  
Well Name: NOLTE  
Well No: 14A-13

Field: GRAND VALLEY  
County/Parish: GARFIELD  
State: COLORADO  
Latitude: 39.432356  
Longitude: -108.069180  
Sect / Twn / Rng: 14/7/96

Job Type: CMT SURFACE  
CASING BOM  
Service Supervisor: Bill Jamison  
Cust Rep Name: WHITEY COTTAN  
Cust Rep Phone #:

<b>Remarks:</b>		
<i>The Information Stated Herein Is Correct</i>	Customer Representative Signature <i>R. Boyd Cottan</i>	Date 4-25-14
	Customer Representative Printed Name	

## 4.1 Job Event Log

Type	Seq. No.	Graph Label/Activity	Date	Time	Source	PS Pump Press (psi)	DS Pump Press (psi)	Comb Pump Rate (bbl/min)	DH Density (ppg)	Pump Stg Tot (bbl)	Comment
Event	1	Call Out	4/24/2014	22:00:00	USER						TD 1025 TP 1004.54 SJ 44 CASING 9.625 36# J-55 HOLE SIZE 13.5 MUD 9.8
Event	2	Depart Yard Safety Meeting	4/24/2014	22:50:00	USER						
Event	3	Crew Leave Yard	4/24/2014	23:00:00	USER						
Event	4	Arrive At Loc	4/25/2014	00:10:00	USER						
Event	5	Assessment Of Location Safety Meeting	4/25/2014	00:30:00	USER						
Event	6	Pre-Rig Up Safety Meeting	4/25/2014	01:00:00	USER						
Event	7	Pre-Job Safety Meeting	4/25/2014	02:30:00	USER						
Event	8	Start Job	4/25/2014	02:52:02	COM2						
Event	9	Prime Pumps	4/25/2014	02:52:41	COM2	53		2	8.4	2	FRESH WATER
Event	10	Test Lines	4/25/2014	02:53:47	COM2	4000					
Event	11	Pump Spacer 1	4/25/2014	03:00:33	COM2	97		4	8.4	20	FRESH WATER
Event	12	Pump Tail Cement	4/25/2014	03:06:01	COM2	188		6	12.8	103	MIXED @ 12.8 YIELD 2.18 WAT/REQ 12.11 265 SKS
Event	13	Shutdown	4/25/2014	03:24:12	USER						
Event	14	Drop Plug	4/25/2014	03:25:00	USER						
Event	15	Pump Displacement	4/25/2014	03:25:55	COM2	34		6	8.4		FRESH WATER
Event	16	Slow Rate	4/25/2014	03:39:12	USER	302		2	8.4	64	
Event	17	Bump Plug	4/25/2014	03:43:16	COM2	230		2	8.4	74.2	PRESSURED UP TO 940 PSI
Event	18	Check Floats	4/25/2014	03:45:25	USER						FLOATS HOLDING
Event	19	End Job	4/25/2014	03:46:00	COM2						CEMENT TO SURFACE 11 BBLS
Event	20	Post-Job Safety Meeting (Pre Rig-Down)	4/25/2014	03:50:00	USER						GOOD CIRCULATION THROUGHOUT JOB
Event	21	Depart Location Safety Meeting	4/25/2014	04:50:00	USER						CASING WAS NOT MOVED THROUGHOUT JOB
Event	22	Crew Leave Location	4/25/2014	05:00:00	USER						THANKS FOR USING HALLIBURTON BILL JAMISON & CREW