

CAERUS OIL AND GAS LLC - EBUS

Island Ranch 23B-13

Patterson 303

Post Job Summary

Cement Production Casing

Date Prepared: 05/30/14

Job Date: 05/27/14

Submitted by: Aaron Katz - Cement Engineer

The Road to Excellence Starts with Safety

Sold To #: 360446	Ship To #: 3474640	Quote #:	Sales Order #: 0901377921
Customer: CAERUS OIL AND GAS LLC - EBUS		Customer Rep:	
Well Name: ISLAND RANCH	Well #: 23B-13	API/UWI #: 05-045-22403-00	
Field: PARACHUTE	City (SAP): PARACHUTE	County/Parish: GARFIELD	State: COLORADO
Legal Description: 13-7S-96W-1358FSL-1051FWL			
Contractor: PATTERSON-UTI ENERGY		Rig/Platform Name/Num: PATTERSON 303	
Job BOM: 7521			
Well Type: DIRECTIONAL GAS			
Sales Person: HALAMERICA\HB80977		Srcv Supervisor: Andrew Brennecke	

Job

Formation Name	
Formation Depth (MD)	Top Bottom
Form Type	BHST
Job depth MD	1004ft 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		9.625	8.921	36	LTC	J-55	0	1004	0	0
Open Hole Section			13.5				0	1004	0	0

Tools and Accessories

Type	Size in	Qty	Make	Depth ft	Type	Size in	Qty	Make
Guide Shoe	9.625	1		1004	Top Plug	9.625	1	HES
Float Shoe					Bottom Plug			
Float Collar	9.625	1		957.12	SSR plug set			
Insert Float					Plug Container	9.625	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 ft ³ /sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal	
1	Water Spacer	Water Spacer	20	bbl	8.33			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	ECONOCEM (TM) SYSTEM	265	sack	12.8	2.18		8	12.11	

12.07 Gal		FRESH WATER							
94 lbm		TYPE I / II CEMENT, BULK (101439798)							
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
3	Displacement	Displacement	73.9	bbbl	8.34			8	
Cement Left In Pipe	Amount	46.88 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	Rig-Up Completed	5/26/2014	00:00:00	USER					1-ELITE, 1-660 BULK TRUCK, 2" IRON, 9.625" QUICK LATCH
Event	2	Call Out	5/26/2014	17:30:00	USER					CREW WAITING IN THE FIELD RETURNED TO YARD FOR BULK TRUCK
Event	3	Pre-Convoy Safety Meeting	5/26/2014	21:15:00	USER					ALL HES PRESENT
Event	4	Crew Leave Yard	5/26/2014	21:30:00	USER					
Event	5	Arrive At Loc	5/26/2014	22:30:00	USER					RIG RUNNING CASING
Event	6	Pre-Job Safety Meeting	5/27/2014	00:05:00	USER	8.31	0.00	6.00	0.0	ALL HES AND RIG CREW PRESENT
Event	7	Start Job	5/27/2014	00:19:30	USER	8.31	0.00	6.00	0.0	TD-1015 , TP-1004 , SJ-46.88 ,CSG-9.625" ,36#, MUD-9.7 , OH-13.5"
Event	8	Prime Pumps	5/27/2014	00:19:50	USER	8.31	2.00	60.00	2.0	FRESH WATER
Event	9	Test Lines	5/27/2014	00:25:44	COM5	8.32	0.00	2596.00	2.3	PRESSURE HELD AT 2596 PSI
Event	10	Pump Spacer 1	5/27/2014	00:29:24	COM5	8.31	4.00	77.00	20.0	FRESH WATER
Event	11	Pump Cement	5/27/2014	00:34:47	COM5	12.83	8.00	234.00	102.8	265SKS, 12.8PPG, 2.18FT3/SK, 12.11GAL/SK
Event	12	Shutdown	5/27/2014	00:49:09	USER	9.57	0.00	31.00	102.8	WASHED UP ON TOP OF PLUG
Event	13	Drop Plug	5/27/2014	00:51:41	USER	10.68	0.00	9.00	0.0	PLUG DROP VERIFIED BY TATTLE TAIL
Event	14	Pump Displacement	5/27/2014	00:52:09	COM5	8.33	8.00	37.00	0.8	FRESH WATER
Event	15	Slow Rate	5/27/2014	01:00:58	USER	8.33	2.00	215.00	64.0	
Event	16	Bump Plug	5/27/2014	01:04:58	USER	8.35	0.00	236.00	10.0	
Event	17	Check Floats	5/27/2014	01:07:17	USER	8.33	0.00	727.00	74.0	FLOATS HELD, .6 BBLS BACK TO DISPLACEMENT TANK
Event	18	End Job	5/27/2014	01:08:12	COM5	8.36	0.00	7.00	0.00	GOOD RETURNS THROUGH OUT JOB. 25BBLS CEMENT TO SURFACE
Event	19	Crew Leave Location	5/27/2014	02:15:00	USER					THANK YOU FOR CHOOSING HALLIBURTON, ANDREW BRENNECKE AND CREW