

CAERUS OIL AND GAS LLC - EBUS

Island Ranch 23D-13

Patterson 303

Post Job Summary

Cement Surface Casing

Date Prepared: 07/24/2014

Job Date: 05/30/2014

Submitted by: Kory Hugentobler – Grand Junction Cement Engineer

The Road to Excellence Starts with Safety

Sold To #: 360446	Ship To #: 3474639	Quote #: 0021864894	Sales Order #: 0901390756
Customer: CAERUS OIL AND GAS LLC - EBUS		Customer Rep: BOYD COTTOM	
Well Name: ISLAND RANCH	Well #: 23D-13	API/UWI #: 05-045-22393-00	
Field: PARACHUTE	City (SAP): PARACHUTE	County/Parish: GARFIELD	State: COLORADO
Legal Description: 13-7S-96W-1350FSL-1052FWL			
Contractor: PATTERSON-UTI ENERGY		Rig/Platform Name/Num: PATTERSON 303	
Job BOM: 7521			
Well Type: DIRECTIONAL GAS			
Sales Person: HALAMERICA\HAM2616		Srvc Supervisor: Francisco Javier Castillo	
Job			

Formation Name			
Formation Depth (MD)	Top	SURFACE	Bottom 1010ft
Form Type	BHST		
Job depth MD	1010ft	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	NEW	16	15.124	75			0	85	0	0
Casing		9.625	8.921	36	LTC	J-55	0	1010	0	0
Open Hole Section			13.5				85	1010	0	0

Tools and Accessories

Type	Size in	Qty	Make	Depth ft	Type	Size in	Qty	Make
Guide Shoe	9.625	1	WTF	1004.03	Top Plug	9.625	1	HES
Float Shoe					Bottom Plug			
Float Collar	9.625	1	WTF	957.15	SSR plug set			
Insert Float					Plug Container	9.625	1	HES
Stage Tool					Centralizers	9.625		WTF

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	Tail Cement	VERSACEM (TM) SYSTEM	265	sack	12.8	2.18		6	12.11
12.07 Gal		FRESH WATER							

Cement Left In Pipe	Amount	46 ft	Reason	Shoe Joint
Comment				

1.1 Job Event Log

Type	Graph Label	Date	Time	DH Density (ppg)	Comb Pump Rate (bbl/min)	PS Pump Press (psi)	Pump Stg Tot (bbl)	Comment
Event	CALL OUT	5/30/2014	05:30:00					ON LOCATION AT 12.00 HRS
Event	DEPART YARD SAFETY MEETING	5/30/2014	08:50:00					
Event	CREW LEAVE THE YARD	5/30/2014	09:00:00					
Event	ARRIVE ON LOCATION	5/30/2014	10:00:00					RIG WAS STILL DRILLING / RIG TD AT 11:30 HRS
Event	RIG STARTED RUNNING CASING	5/30/2014	12:10:00					LANDED CASING AT 15:15 HRS
Event	PRE-JOB SAFETY MEETING	5/30/2014	16:00:00					ALL HES AND RIG CREW
Event	START JOB	5/30/2014	16:28:43					TD-1010', OH-13.5", TP-1004.03', SJ-46.88', FC-957.15' CSG-9.625", 36#, J-55, MUD-9.6 PPG, FV-45, PV-11, YP-13, pH-9.1, TEMP-103
Event	FILL LINES	5/30/2014	16:29:11	8.33 PPG	2 BPM	23 PSI	2 BBLS	FRESH WATER
Event	STALL OUT	5/30/2014	16:30:36					PRESSURE HELD AT 1482 PSI
Event	TEST LINES	5/30/2014	16:32:20					PRESSURE HELD AT 3541 PSI
Event	WATER SPACER	5/30/2014	16:35:41	8.33 PPG	4 BPM	75 PSI	20 BBLS	FRESH WATER / 1 ST 10 BBLS PUMPED AT 2 BPM WITH 34 PSI
Event	PUMP CEMENT SLURRY	5/30/2014	16:43:00	12.8 PPG	6 BPM	158 PSI	103 BBLS	265 SKS, 12.8 PPG, 2.18 FT3/SK, 12.11 GAL/SK, SETUP TIME 3:20 HRS AT 70 BC
Event	DENSITY DROP	5/30/2014	17:01:01	12.0 PPG				DENSITY DROPPED 8/10 WITH 0.5 BBLS LEFT IN TUB DUE TO OPERATOR ERROR.
Event	SHUTDOWN	5/30/2014	17:01:41					
Event	DROP TOP PLUG	5/30/2014	17:05:08					VERIFIED BY DRILLER
Event	PUMP DISPLACEMENT	5/30/2014	17:05:39	8.33 PPG	2 BPM	76 PSI	10 BBLS	FRESH WATER WHILE WASHING UP MIXING TUB
Event	BRING RATE UP	5/30/2014	17:08:53	8.33 PPG	6 BPM	282 PSI	54 BBLS	BRING RATE UP AFTER WASHING UP THROUGH THE TUB
Event	SLOW RATE	5/30/2014	17:17:56	8.33 PPG	2 BPM	230 PSI	10 BBLS	
Event	BUMP PLUG	5/30/2014	17:21:42			1033 PSI	TOTAL DISP. 74	CIRCULATED 20 BBLS / 52 SKS OF CEMENT TO SURFACE

BLS

Event	CHECK FLOATS	5/30/2014	17:23:28	FLOATS HELD / 0.5 BBL FLOW BACK TO DISPLACEMENT TANK
Event	END JOB	5/30/2014	17:24:00	USED 40 LBS OF SUGAR IN THE CELLAR
Event	RIG DOWN SAFETY MEETING	5/30/2014	17:25:00	
Event	RIG DOWN COMPLETE	5/30/2014	18:30:00	
Event	DEPART LOCATION SAFETY MEETING	5/30/2014	18:50:00	NO INJURIES TO REPORT
Event	CREW LEAVE LOCATION	5/30/2014	19:00:00	
