

# HALLIBURTON

iCem<sup>®</sup> Service

## **CAERUS OIL AND GAS LLC - EBUS**

**For: Steve Schmitz**

Date: Friday, January 15, 2016

## **PUCKETT 43C-2**

Cement Surface Casing

API# 05-045-17787-00

Job Date: Friday, January 15, 2016

Sincerely,

**Grand Junction Cement Engineering**

## 2.0 Real-Time Job Summary

### 2.1 Job Event Log

Type	Seq. No.	Activity	Date	Time	Source	DH Density (ppg)	Comb Pump Rate (bbl/min)	PS Pump Press (psi)	Pump Stg Tot (bbl)	Comments
Event	1	Call Out	1/14/2016	22:30	USER					
Event	2	Depart Yard Safety Meeting	1/15/2016	00:50	USER					ATTENDED BY ALL HES CREW
Event	3	Crew Leave Yard	1/15/2016	01:00	USER					
Event	4	Arrive At Loc	1/15/2016	03:00	USER					RIG RUNNING CASING, COMPANY REP OFFEERED MSDS FOR CEMENT AND ADDITIVES
Event	5	Assessment Of Location Safety Meeting	1/15/2016	04:30	USER					ATTENDED BY ALL HES CREW
Event	6	Other	1/15/2016	04:40	USER					SPOT EQUIPMENT
Event	7	Pre-Rig Up Safety Meeting	1/15/2016	04:50	USER					ATTENDED BY ALL HES CREW
Event	8	Rig-Up Equipment	1/15/2016	05:00	USER					
Event	9	Pre-Job Safety Meeting	1/15/2016	06:30	USER					ATTENDED BY ALL HES CREW, RIG CREW AND COMPANY REP
Event	10	Other	1/15/2016	06:53:10	USER					TP 2520', TD 2550', MW 9.2 PPG, CASING 9.625", 36#, J-55, SJ 42.1', HOLE 14.75", CONDUCTOR CASING 20", 94# SET AT 125', RIG DID NOT HAVE CIRCULATION PRIOR TO JOB, JOB PUMPED OFF-LINE
Event	11	Other	1/15/2016	06:54:16	USER	8.34	2	20	2	FRESH WATER, PH 7, CHLORIDES 0, TEMP 60
Event	12	Test Lines	1/15/2016	06:56:25	USER					PRESSURED UP TO 4030 PSI, NO SIGN OF LEAKS

Event	13	Pump Spacer	1/15/2016	07:02:54	USER	8.34	4	10	70	FRESH WATER
Event	14	Pump Spacer	1/15/2016	07:05:39	USER	9.5	4	100	20	SUPER FLUSH 101
Event	15	Pump Spacer	1/15/2016	07:09:51	USER	8.34	2	50	10	FRESH WATER
Event	16	Pump Lead Cement	1/15/2016	07:17:05	USER	11	7	300	243.8	375 SKS VARICEM MIXED AT 11 PPG, 3.65 YIELD, 23.08 GL/SK, TUFF FIBER MIXED ON THE FLY
Event	17	Pump Tail Cement	1/15/2016	07:49:21	USER	12.8	7	360	60.1	160 SKS VARICEM MIXED AT 12.8 PPG, 2.18 YIELD, 12.11 GL/SK
Event	18	Shutdown	1/15/2016	07:56:30	USER					
Event	19	Drop Top Plug	1/15/2016	07:58:11	USER					PLUG LAUNCHED
Event	20	Pump Displacement	1/15/2016	07:58:40	USER	8.34	7	265	76.5	FRESH WATER
Event	21	Slow Rate	1/15/2016	08:24:14	USER	8.34	2	70	15	
Event	22	Bump Plug	1/15/2016	08:28:18	USER				1500	PLUG LANDED
Event	23	Check Floats	1/15/2016	08:45:28	USER				1540	FLOATS HELD
Event	24	Pump Water	1/15/2016	08:51:01	USER	8.34	2	700	12	PUMP SUGAR WATER DOWN PARASITE STRING
Event	25	Shutdown	1/15/2016	08:58:01	USER					NO RETURNS THROUGHOUT JOB
Event	26	Pump Cement	1/15/2016	13:23:43	USER	12.8	3	110	68	180 SKS REVERCEM MIXED AT 12.8 PPG, 2.12 YIELD, 11.15 GL/SK
Event	27	Shutdown	1/15/2016	13:49:56	USER					5 BBLS CEMENT TO SURFACE
Event	28	End Job	1/15/2016	13:50:55	USER					
Event	29	Post-Job Safety Meeting (Pre Rig-Down)	1/15/2016	13:55	USER					ATTENDED BY ALL HES CREW
Event	30	Depart Location Safety Meeting	1/15/2016	15:20	USER					ATTENDED BY ALL HES CREW
Event	31	Crew Leave	1/15/2016	15:30	USER					THANK YOU FOR USING HALLIBURTON CEMENT,