

Caerus Oil and Gas LLC - EBUS

Puckett 21C-1

H&P 330

Post Job Summary

Cement Production Casing

Date Prepared: 9/21/2015

Job Date: 9/08/2015

Submitted by: Patrick Ealey – Grand Junction Cement Engineer

The Road to Excellence Starts with Safety

Sold To #: 360446	Ship To #: 3665975	Quote #: 0022098430	Sales Order #: 0902729332
Customer: CAERUS OIL AND GAS LLC - EBUS		Customer Rep: BOYD COTTAM	
Well Name: PUCKETT	Well #: 21C-1	API/UWI #: 05-045-22857-00	
Field: GRAND VALLEY	City (SAP): PARACHUTE	County/Parish: GARFIELD	State: COLORADO
Legal Description: SE NW-1-7S-97W-2083FNL-1338FWL			
Contractor: H & P DRLG		Rig/Platform Name/Num: H & P 330	
Job BOM: 7523			
Well Type: DIRECTIONAL GAS			
Sales Person: HALAMERICA\HB80977		Srcv Supervisor: Dustin Hyde	
Job			

Formation Name	
Formation Depth (MD)	Top Bottom
Form Type	BHST
Job depth MD	8956ft 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		9.625	8.921	36			0	2500		
Casing		4.5	4	11.6			0	8956		
Open Hole Section			8.75				2500	9000		

Tools and Accessories									
Type	Size in	Qty	Make	Depth ft	Type	Size in	Qty	Make	
Guide Shoe	4.5	1		8956	Top Plug	4.5	1	HES	
Float Shoe	4.5	1			Bottom Plug				
Float Collar	4.5	1		8920	SSR plug set				
Insert Float	4.5	1			Plug Container	4.5	1	HES	
Stage Tool	4.5	1			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 ft3/sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal	
1	Water	Water	200	bbl	8.4			6		

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	

2	Lead Slurry	ECONOCEM (TM) SYSTEM	600	sack	12.7	1.65		6	7.98
7.98 Gal		FRESH WATER							
Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft3/sack	Mix Fluid Gal	Rate bbl/mi n	Total Mix Fluid Gal
3	Tail Cement	THERMACEM (TM) SYSTEM	450	sack	13.5	1.76		6	8.22
8.22 Gal		FRESH WATER							
61.10 lbm		CMT - PREMIUM - CLASS G REG OR TYPE V, BULK (100003685)							
Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft3/sack	Mix Fluid Gal	Rate bbl/mi n	Total Mix Fluid Gal
4	Displacement	Displacement	138.3	bbbl	8.39			6	
5 lbm/bbl		POTASSIUM CHLORIDE - 50 LB BAG(201368)							
0.010750 lbm/bbl		BE-6, 48 LB FIBER DRUM (100003800)							
Cement Left In Pipe	Amount	36 ft			Reason	Shoe Joint			
Comment									

1.0 Real-Time Job Summary

1.1 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	9/8/2015	00:00:00	USER					CALL OUT ON LOCATION @ 05:00
Event	2	Pre-Convoy Safety Meeting	9/8/2015	02:45:00	USER					ALL HES CREW ATTENDED
Event	3	Crew Leave Yard	9/8/2015	03:00:00	USER					1 HT 400 PUMP TRUCK E8, 1 660 BULK TRUCK, 1 WASH UP TRANSPORT, 1 550 PICKUP
Event	4	Arrive At Loc	9/8/2015	05:00:00	USER					RIG RUNNING CASING UPON HES ARRIVAL
Event	5	Assessment Of Location Safety Meeting	9/8/2015	05:15:00	USER					PERFORMED WALK AROUND AND FILLED OUT JSA AND A WATER TEST
Event	6	Other	9/8/2015	05:30:00	USER					1 HT 400 PUMP TRUCK E8, 1 660 BULK TRUCK, 1 WASH UP TRANSPORT, 1 550 PICKUP
										ALL HES CREW ATTENDED
Event	7	Pre-Rig Up Safety Meeting	9/8/2015	05:45:00	USER					
Event	8	Rig-Up Equipment	9/8/2015	06:00:00	USER					1 HT 400 PUMP TRUCK E8, 1 660 BULK TRUCK, 1 WASH UP TRANSPORT, 2 1700 CUFT SILOS, 1 550 PICKUP

Event	9	Pre-Job Safety Meeting	9/8/2015	08:30:00	USER						ALL HES AND RIG CREW PRESENT
Event	10	Start Job	9/8/2015	09:12:47	USER						TD 8970' TP 8955.58', SJ 35.67;, OH 8 3/4", CSG SURFACE 9 5/8" 36# J-55, PRODUCTION CSG 4 1/5" 11.6# J-55, MUD 9.3 PPG
Event	11	Prime Pumps	9/8/2015	09:13:48	COM8	8.33	2.0	22	2.0		FRESH WATER
Event	12	Test Lines	9/8/2015	09:18:11	COM8			4989			PRESSURE HELD @ 4989 PSI
Event	13	Pump Spacer 1	9/8/2015	09:21:46	COM8	8.33	6.0	136	200		200 BBLS FRESH WATER. RECIEVED RETURNS 71 BBLS INTO SPACER
Event	14	Slow Rate	9/8/2015	09:54:11	USER	8.33	4.0	135	10		SLOWED TO GO INTO LEAD CMT
Event	15	Check Weight	9/8/2015	09:55:56	COM8						BALANCED MUD CUP MATCHED RECIRC DENSITY
Event	16	Pump Lead Cement	9/8/2015	09:57:47	COM8	12.7	6.0	209	176.3		600 SKS ECONOCEM CMT 12.7 PPG, 1.65 YIELD, 7.98 GAL/SK
Event	17	Slow Rate	9/8/2015	10:33:46	USER						SLOWED TO END SILO
Event	18	Pump Tail Cement	9/8/2015	10:43:34	COM8	13.5	6.0	300	141		450 SKS THERMACEM CMT 13.5 PPG, 1.76 YIELD, 8.22 GAL / SK

Event	19	Shutdown	9/8/2015	11:08:46	USER						HEAD WORKED ITS WAY LOOSE HAD TO SHUT DOWN TO TIGHTEN ABOUT 100 BBLS INTO TAIL ALREADY CHANGING PUMP RATE DUE TO CAVITATION.
Event	20	Shutdown	9/8/2015	11:25:30	USER						END OF CMT
Event	21	Clean Lines	9/8/2015	11:26:10	USER						WASHED UP PUMPS AND LINES INTO WASH UP TRUCK USED 14 BBLS OF FRESH WATER
Event	22	Pump Displacement	9/8/2015	11:30:49	COM8	8.33	6.0	150	80		1 GAL MMCR IN FIRST 10 BBLS, 1 BAG BE-6 IN FIRST 30 BBLS, 1 BAG KCL IN EVERY 10 BBLS
Event	23	Drop Top Plug	9/8/2015	11:31:19	COM8						VERIFIED BY TATTLE TAIL
Event	24	Slow Rate	9/8/2015	11:48:12	USER	8.33	4.0	390	58		PER COMPANY MAN STARTING TO CATCH PRESSURE
Event	25	Bump Plug	9/8/2015	12:04:38	COM8	8.33	2.0	2110	138		PLUG BUMPED
Event	26	Check Floats	9/8/2015	12:07:08	USER			2610	138		FLOATS HELD 1 BBL FLOW BACK
Event	27	End Job	9/8/2015	12:08:46	COM8						ABOUT 30 BBLS SPACER TO SURFACE
Event	28	Pre-Rig Down Safety Meeting	9/8/2015	12:15:00	USER	8.41	0.00	-2.00	0.0		ALL HES CREW ATTENDED
Event	29	Rig-Down Completed	9/8/2015	13:30:00	USER						NO INJURIES TO REPORT
Event	30	Pre-Convoy Safety Meeting	9/8/2015	13:45:00	USER						ALL HES CREW ATTENDED
Event	31	Crew Leave Location	9/8/2015	14:00:00	USER						THANK YOU FOR USING HALLIBURTON CMT. DUSTIN HYDE AND CREW