

HALLIBURTON

iCem[®] Service

HIGHPOINT RESOURCES CORP-EBUS

Date: Thursday, May 30, 2019

Anschutz Coffelt 5-61-35-1724B Production

Job Date: Tuesday, May 21, 2019

Sincerely,

Tyler Hill

Legal Notice

Disclaimer:

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1.0 Cementing Job Summary

1.1 Executive Summary

Halliburton appreciates the opportunity to perform the cementing services on the **Anschutz Coffelt 5-61-35-1724B** cement **Production** casing job. A pre-job safety meeting was held before the job where details of the job were discussed, potential safety hazards were reviewed, and environmental compliance procedures were outlined.

Halliburton maintains a continuous quality improvement process and appreciates any comments or suggestions that you may have. Halliburton again thanks you for the opportunity to perform service work on this well. We hope to be your solutions provider for future projects.

Respectfully,

Halliburton Ft. Lupton

The Road to Excellence Starts with Safety

Sold To #: 343492		Ship To #: 3929824		Quote #:		Sales Order #: 0905708888				
Customer: HIGHPOINT RESOURCES CORP-EBUS					Customer Rep: HIGH POINT REP					
Well Name: ANSCHUTZ COFFELT			Well #: 5-61-35-1724B			API/UWI #: 05-123-49131-00				
Field: WATTENBERG		City (SAP): ROGGEN		County/Parish: WELD			State: COLORADO			
Legal Description: SW NW-35-5N-61W-1605FNL-320FWL										
Contractor: CADE DRLG					Rig/Platform Name/Num: CADE 23					
Job BOM: 7523 7523										
Well Type: HORIZONTAL OIL										
Sales Person: HALAMERICA\H181357					Srv Supervisor: Kyle Bath					
Job										
Formation Name										
Formation Depth (MD)		Top			Bottom					
Form Type					BHST					
Job depth MD		15929ft			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		7	6.366	23			0	6171	0	5848
Casing		4.5	4	11.6	8 RD		0	15908	0	5848
Open Hole Section			6.125				6171	15908	5848	5848
Tools and Accessories										
Type	Size in	Qty	Make	Depth ft		Type	Size in	Qty	Make	
Guide Shoe	4.5			15929		Top Plug	4.5		HES	
Float Shoe	4.5					Bottom Plug	4.5		HES	
Float Collar	4.5					SSR plug set	4.5		HES	
Insert Float	4.5					Plug Container	4.5		HES	
Stage Tool	4.5					Centralizers	4.5		HES	
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 Based Spacer	Water Based Spacer	40	bbl	8.33					
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	NeoCem	NeoCem TM	550	sack	13.2	2.04		6	9.74	
9.74 Gal		FRESH WATER								
34.9960 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	Fresh Water		241	bbl	8.33					
Cement Left In Pipe		Amount	45 ft			Reason		Shoe Joint		
Mix Water:		pH ##	Mix Water Chloride:## ppm			Mix Water Temperature:## °F °C				
Cement Temperature:## °F °C		Plug Displaced by:## lb/gal kg/m3 XXXX			Disp. Temperature:## °F °C					
Plug Bumped? Yes		Bump Pressure:#### psi MPa			Floats Held? Yes/No					
Cement Returns:## bbl m3		Returns Density:## lb/gal kg/m3			Returns Temperature:## °F °C					
Comment										

2.0 Real-Time Job Summary

2.1 Job Event Log

Type	Seq. No.	Activity	Graph Label	Date	Time	Source	Comb Pump Rate <i>(bbl/min)</i>	DH Density <i>(ppg)</i>	DS Pump Press <i>(psi)</i>	Comments
Event	1	Call Out	Call Out	5/20/2019	11:00:00	USER				REQUESTED ON LOCATION AT 17:00
Event	2	Depart Yard Safety Meeting	Depart Yard Safety Meeting	5/20/2019	16:15:00	USER				
Event	3	Crew Leave Yard	Crew Leave Yard	5/20/2019	16:30:00	USER				
Event	4	Arrive at Location from Service Center	Arrive at Location from Service Center	5/20/2019	17:15:00	USER				RIG CIRCULATING UPON HES ARRIVAL
Event	5	Assessment Of Location Safety Meeting	Assessment Of Location Safety Meeting	5/20/2019	17:25:00	USER				WATER TEST TEMP 55 CHLORIDES 0 PH 6.5
Event	6	Safety Meeting - Pre Rig-Up	Safety Meeting - Pre Rig-Up	5/20/2019	17:30:00	USER				PRE RIG UP SAFETY MEETING AND COMMENCE RIG UP
Event	7	Safety Meeting - Pre Job	Safety Meeting - Pre Job	5/20/2019	18:20:00	USER				PRE JOB SAFETY MEETING WITH RIG CREW AND CO REP, RIG CIRCULATE 535 BBLS, 7 BPM 1600 PSI
Event	8	Start Job	Start Job	5/20/2019	19:39:00	COM6	0.00	8.27	-3.00	TD 15908, TP 15901.23, SJ 54.46, CSG 4.5 11.6#, PREV CSG 7 @ 6171, HOLE 6 1/8, MUD 9
Event	9	Test Lines	Test Lines	5/20/2019	19:51:09	COM6	0.00	8.39	92.00	TEST LINES TO 4550 PSI
Event	10	Pump Spacer 1	Pump Spacer 1	5/20/2019	19:58:57	COM6	0.00	8.31	6.00	PUMP 40 BBLS FRESH WATER SPACER 5 BPM 900 PSI
Event	11	Pump Cement	Pump Cement	5/20/2019	20:08:09	USER	5.00	12.58	983.00	MIX AND PUMP 550 SKS 200 BBLS CEMENT 13.2

PPG, 2.04 FT3/SK, 9.74
 GAL/SK 6 BPM 900 PSI,
 CALCULATED TOC 4328

Event	12	Shutdown	Shutdown	5/20/2019	20:41:38	USER	6.00	13.16	204.00	
Event	13	Clean Lines	Clean Lines	5/20/2019	20:43:26	USER	0.00	31.60	-5.00	CLEAN PUMPS AND LINES
Event	14	Pump Displacement	Pump Displacement	5/20/2019	20:46:27	COM6	0.00	8.59	-4.00	PUMP 241 BBLS FRESH WATER DISPLACEMENT 7 BPM 1900 PSI
Event	15	Other	Other	5/20/2019	21:04:36	USER	7.00	8.47	2376.00	HIT PRESSURE KICK OUTS
Event	16	Bump Plug	Bump Plug	5/20/2019	21:37:44	USER	3.00	8.43	1144.00	BUMP PLUG AT 1170 PSI TOOK TO 1600 PSI
Event	17	Other	Other	5/20/2019	21:41:02	USER	1.00	8.42	1028.00	RUPTURE DISC AT 2800 PSI, PUMP 2.5 BBL WET SHOE
Event	18	Check Floats	Check Floats	5/20/2019	21:47:55	USER	0.00	8.41	862.00	FLOATS HELD TOOK .5 BBLS BACK
Event	19	End Job	End Job	5/20/2019	21:48:32	COM6	0.00	8.11	10.00	
Event	20	Safety Meeting - Pre Rig-Down	Safety Meeting - Pre Rig- Down	5/20/2019	21:55:00	USER				PRE RIG DOWN SAFETY MEETING AND COMMENCE RIG DOWN
Event	21	Depart Location Safety Meeting	Depart Location Safety Meeting	5/20/2019	22:50:00	USER				
Event	22	Crew Leave Location	Crew Leave Location	5/20/2019	23:20:00	USER				THANK YOU FOR USING HALLIBURTON, KYLE BATH AND CREW

3.0 Attachments

3.1 Anschutz Coffelt 5-61-35-1724B Production

