

HALLIBURTON

iCem® Service

3M COMPANY - ACCOUNTS PAYABLE

For: BUCK FOGLE

Date: Monday, June 01, 2015

1H

CARTMILL 16-34-7/1H

TAPSTONE ENERGY CARTMILL

Job Date: Monday, June 01, 2015

Sincerely,

ROBERT DAVIS

1.0 Real-Time Job Summary

1.1 Job Event Log

Event	Type	Seq. No.	Activity	Graph Label	Date	Time	Source	DS Pump Press (psi)	DH Density (ppg)	Comb Pump Rate (bbl/min)	Comments
Event 1	Call Out		Call Out	Call Out	6/1/2015	03:30:00	USER				ON LOCATION ASAP
Event 2	Safety Meeting - Service Center or other Site		Safety Meeting - Service Center or other Site	Safety Meeting - Service Center or other Site	6/1/2015	05:15:00	USER				DISCUSS ROUTS AND STOPS
Event 3	Depart from Service Center or Other Site		Depart from Service Center or Other Site	Depart from Service Center or Other Site	6/1/2015	05:30:00	USER				
Event 4	Arrive at Location from Service Center		Arrive at Location from Service Center	Arrive at Location from Service Center	6/1/2015	09:30:00	USER				RUNNING CASIN 9.625 36#
Event 5	Other		Other	Other	6/1/2015	09:35:00	USER				MEET WITH COSTOMER AND GO OVER NUMBERS
Event 6	Safety Meeting - Pre Rig-Up		Safety Meeting - Pre Rig Up	Safety Meeting - Pre Rig Up	6/1/2015	09:40:00	USER				WATCH FOR PINCH POINTS, TEAM LIFT, USE TAG LINES WHEN NEEDED
Event 7	Rig-Up Equipment		Rig-Up Equipment	Rig-Up Equipment	6/1/2015	10:00:00	USER				GO OVER HAZARDS AND JOB PROCEEDURES WITH RIG CREW
Event 8	Safety Meeting - Pre Job		Safety Meeting - Pre Job	Safety Meeting - Pre Job	6/1/2015	10:45:00	USER	17.00	0.14	0.00	
Event 9	Test Lines		Test Lines	Test Lines	6/1/2015	11:17:46	COM13	91.00	8.35	0.00	2500 PSI
Event 10	Pump Spacer 1		Pump Spacer 1	Pump Spacer 1	6/1/2015	11:20:03	COM13	48.00	8.38	3.60	10 BBL5 FRESH WATER, PUMPED @ 3 1/2 BPM @ 90 PSI
Event 11	Pump Cement		Pump Cement	Pump Cement	6/1/2015	11:28:30	COM13	258.00	13.88	5.10	SWIFTCEM, 475 SKS @ 15.1#, YELD @ 1.3, GAL/SK @ 6.1, 110 BBL5, 617.5 FT3, HOC-823.16, TOC-0
Event 12	Shutdown		Shutdown	Shutdown	6/1/2015	11:50:31	USER	64.00	15.89	0.00	

HALLIBURTON

Customer: 3M COMPANY - ACCOUNTS PAYABLE

Job: 0902460638

Case: TAPSTONE ENERGY CARTMILL | SO#: 0902460638

Event 13	Drop Plug	Drop Plug	6/1/2015	11:52:27	USER	38.00	10.55	1.60	TOP PLUG
Event 14	Pump Displacement	Pump Displacement	6/1/2015	11:55:07	COM13	91.00	9.02	4.10	FRESH WATER, PUMPED @ 6 BPM @ 370 PSI, 30 BBLS OF CEMENT BACK TO SURFACE
Event 15	Slow Rate	Slow Rate	6/1/2015	12:02:15	USER	417.00	8.47	6.00	LAST 15 BBLS, @ 3BPM @ 343 PSI
Event 16	Bump Plug	Bump Plug	6/1/2015	12:06:59	USER	876.00	8.53	0.00	500 OVER, BUMPED @ 350 PSI TOOK TO 895 PSI
Event 17	Check Floats	Check Floats	6/1/2015	12:08:58	USER	156.00	8.52	0.00	FLOATS HELD 1/2 BBL BACK
Event 18	Safety Meeting - Pre Rig-Down	Safety Meeting - Pre Rig- Down	6/1/2015	12:12:00	USER	67.00	8.54	6.30	WATCH FOR PINCH POINTS, TEAM LIFT, USE TAG LINES WHEN NEEDED
Event 19	Rig-Down Equipment	Rig-Down Equipment	6/1/2015	12:20:00	USER	-9.00	8.52	0.00	
Event 20	Safety Meeting - Departing Location	Safety Meeting - Departing Location	6/1/2015	13:10:00	USER				DISCUSS ROUTS AND STOPS
Event 21	Depart Location for Service Center or Other Site	Depart Location for Service Center or Other Site	6/1/2015	13:30:00	USER				THANKS FOR CALLING HALLIBURTON, ROBERT DAVIS AND CREW

iCem Service

(v. 4.1.107)

Created: Monday, June 01, 2015

2.0 Attachments

2.1 TAPSTONE ENERGY CARTMILL-Custom Results.png



The Road to Excellence Starts with Safety

Sold To #: 372073	Ship To #: 3665374	Quote #: 0022054739	Sales Order #: 0902460638
Customer: TAPSTONE ENERGY LLC		Customer Rep: BUCK FOGLE	
Well Name: CARTMILL 16-34-7	Well #: 1H	API/UWI #: 15-077-22145-01	
Field: COOPER CREEK	City (SAP): ANTHONY	County/Parish: HARPER	State: KANSAS
Legal Description: NE NE NW NE-16-34S-7W-230FNL-1630FEL			
Contractor: NOMAC		Rig/Platform Name/Num: NOMAC 07	
Job BOM: 7521			
Well Type: HORIZONTAL OIL			
Sales Person: HALAMERICA\HX25353		Srcv Supervisor: Robert Davis	
Job			

Formation Name			
Formation Depth (MD)	Top	0	Bottom 815
Form Type			BHST 80 degF
Job depth MD	823ft	Job Depth TVD	823
Water Depth			Wk Ht Above Floor 7
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
Open Hole Section			12.25				0	815		0
Casing	3	9.625	8.921	36	LTC	J-55	0	823		0

Tools and Accessories

Type	Size in	Qty	Make	Depth ft	Type	Size in	Qty	Make
Guide Shoe	9.625			823	Top Plug	9.625	1	HES
Float Shoe	9.625				Bottom Plug	9.625		HES
Float Collar	9.625				SSR plug set	9.625		HES
Insert Float	9.625				Plug Container	9.625	1	HES
Stage Tool	9.625				Centralizers	9.625		HES

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	10	bbl	8.33			3.5	

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	Primary Cement	SWIFTCEM (TM) SYSTEM	475	sack	15.1	1.3		5	6.1

2 %	CALCIUM CHLORIDE, PELLET, 50 LB (101509387)								
6.10 Gal	FRESH WATER								
94 lbm	CMT - STANDARD - CLASS A REG OR TYPE I, BULK (100003684)								
0.1250 lbm	POLY-E-FLAKE (101216940)								
Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft ³ /sack	Mix Fluid Gal	Rate bbl/mi n	Total Mix Fluid Gal
3	Displacement	Displacement	60	bbl	8.33			5	
Cement Left In Pipe	Amount	46 ft	Reason				Shoe Joint		
Mix Water: pH 6##	Mix Water Chloride: ## 200ppm	Mix Water Temperature: ## 70°F °C							
Cement Temperature: ## °F °C	Plug Displaced by: ## lb/gal kg/m ³ XXXX	Disp. Temperature: ## °F °C							
Plug Bumped? Yes/	Bump Pressure: ##895## psi MPa	Floats Held? Yes/							
Cement Returns: ##30 bbl m ³	Returns Density: ## lb/gal kg/m ³	Returns Temperature: ## °F °C							
Comment 30 BBLs OF CEMENT BACK , ½ BBL BACK ON FLOATS									