

The Road to Excellence Starts with Safety

Sold To #: 375989		Ship To #: 3869143		Quote #:		Sales Order #: 0905722160				
Customer: CONFLUENCE DJ LLC-EBUS				Customer Rep: CONFLUENCE REP						
Well Name: 70 RANCH			Well #: 10-18-3L		API/UWI #: 05-123-46612-00					
Field: WATTENBERG		City (SAP): KERSEY		County/Parish: WELD		State: COLORADO				
Legal Description: SW SW-3-4N-63W-260FSL-1137FWL										
Contractor: ENSIGN DRLG				Rig/Platform Name/Num: ENSIGN 140						
Job BOM: 7521 7521										
Well Type: HORIZONTAL OIL										
Sales Person: HALAMERICA\HX38199				Srv Supervisor: Kyle Bath						
Job										
Formation Name										
Formation Depth (MD)	Top		Bottom							
Form Type			BHST							
Job depth MD	1555ft		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	1555	0	
Open Hole Section			13.5				0	1565		
Tools and Accessories										
Type	Size in	Qty	Make	Depth ft		Type	Size in	Qty	Make	
Guide Shoe	9.625			1540		Top Plug	9.625		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		HES	
Stage Tool	9.625					Centralizers	9.625		HES	
Fluid Data										
Stage/Plug #: 1										

iCem® Service
(v. 5.1.101.0)

2.0 Real-Time Job Summary

2.1 Job Event Log

Type	Seq. No.	Activity	Graph Label	Date	Time	Source	Comb Pump Rate (bbl/min)	DH Density (ppg)	DS Pump Press (psi)	Pump Stg Tot (bbl)	Comments
Event	1	Depart Yard Safety Meeting	Depart Yard Safety Meeting	6/1/2019	15:00:00	USER					
Event	2	Crew Leave Yard	Crew Leave Yard	6/1/2019	15:15:00	USER					
Event	3	Call Out	Call Out	6/1/2019	20:00:00	USER					REQUESTED ON LOCATION AT 2:00
Event	4	Arrive at Location from Service Center	Arrive at Location from Service Center	6/2/2019	00:30:00	USER					RIG RUNNING CASING UPON HES ARRIVAL
Event	5	Assessment Of Location Safety Meeting	Assessment Of Location Safety Meeting	6/2/2019	00:45:00	USER					WATER TEST TEMP 60 CHLORIDES 0 PH 6.5
Event	6	Safety Meeting - Pre Rig-Up	Safety Meeting - Pre Rig-Up	6/2/2019	00:50:00	USER					PRE RIG UP SAFETY MEETING AND COMMENCE RIG UP
Event	7	Safety Meeting - Pre Job	Safety Meeting - Pre Job	6/2/2019	03:40:00	USER	0.00	8.38	0.00	30.50	PRE JOB SAFETY MEETING WITH RIG CREW AND CO REP, RIG CIRCULATE BOTTOMS UP, 12 BPM 257 PSI
Event	8	Start Job	Start Job	6/2/2019	03:50:21	COM6	0.00	8.34	-2.00	0.00	TD 1565, TP 1559, SJ 43.55, CSG 9 5/8 36#, PREV CSG 16" @ 80', HOLE 13.5, MUD 9
Event	9	Test Lines	Test Lines	6/2/2019	03:52:17	COM6	0.00	8.45	13.00	2.10	TEST LINES TO 3200 PSI
Event	10	Pump Spacer 1	Pump Spacer 1	6/2/2019	03:59:34	COM6	0.00	8.45	5.00	0.00	PUMP 40 BBLS MUD FLUSH 6 BPM 150 PSI
Event	11	Pump Lead Cement	Pump Lead Cement	6/2/2019	04:08:02	COM6	6.00	8.37	140.00	0.00	MIX AND PUMP 285 SKS 109 BBLS LEAD CEMENT

											12.5 PPG, 2.16 FT3/SK, 12.32 GAL/SK 8 BPM 304 PSI, CALCULATED TOLC SURFACE
Event	12	Pump Tail Cement	Pump Tail Cement	6/2/2019	04:21:54	COM6	8.20	13.45	281.00	110.20	MIX AND PUMP 195 SKS 60 BBLs TAIL CEMENT 13.5 PPG, 1.74 FT3/SK, 9.2 GAL/SK 8 BPM 330 PSI, CALCULATED TOTC 903
Event	13	Shutdown	Shutdown	6/2/2019	04:32:28	COM6	0.00	14.62	115.00	72.10	
Event	14	Drop Top Plug	Drop Top Plug	6/2/2019	04:32:39	COM6	0.00	16.62	40.00	72.10	LAUNCH TOP PLUG
Event	15	Pump Displacement	Pump Displacement	6/2/2019	04:32:41	COM6	0.00	16.96	33.00	72.10	PUMP 117 BBLs FRESH WATER DISPLACEMENT 8 BPM 500 PSI, RECIEVED 40 BBLs MUDFLUSH AND 30 BBLs CEMENT TO SURFACE
Event	16	Slow Rate	Slow Rate	6/2/2019	04:46:28	USER	6.40	8.23	511.00	95.90	
Event	17	Bump Plug	Bump Plug	6/2/2019	04:51:42	COM6	0.00	8.35	803.00	116.40	BUMP PLUG AT 440 PSI TOOK TO 930 PSI
Event	18	Check Floats	Check Floats	6/2/2019	04:53:28	USER	0.00	8.35	632.00	116.40	FLOATS HELD TOOK 1/2 BBL BACK
Event	19	End Job	End Job	6/2/2019	04:54:13	COM6	0.00	8.33	2.00	116.40	
Event	20	Safety Meeting - Pre Rig-Down	Safety Meeting - Pre Rig- Down	6/2/2019	05:00:00	USER	0.00	8.33	0.00	116.40	PRE RIG DOWN SAFETY MEETING AND COMMENCE RIG DOWN
Event	21	Depart Location Safety Meeting	Depart Location Safety Meeting	6/2/2019	05:50:00	USER					
Event	22	Crew Leave Location	Crew Leave Location	6/2/2019	06:20:00	USER					THANK YOU FOR USING HALLIBURTON, KYLE BATH AND CREW

3.0 Attachments

3.1 Confluence 70 Ranch 10-18-3L Surface Chart

