

HALLIBURTON

iCem Service

CHEVRON - DWEPU - EBUS

For: Jim Calcote

Date: Monday, September 25, 2017

Magor 1A Squeeze

Sincerely,
Ed Deussen

Job Event Log

.1 Job Event Log

Type	Seq. No.	Activity	Graph Label	Date	Time	Source	DH Density (ppg)	Comb Pump Rate (bbl/min)	PS Pump Press (psi)	Pump Stg Tot (bbl)	Comments
Event	1	Call Out	Call Out	9/25/2017	01:00:00	USER					O/L time 0700
Event	2	Pre-Convoy Safety Meeting	Pre-Convoy Safety Meeting	9/25/2017	02:45:00	USER					
Event	3	Crew Leave Yard	Crew Leave Yard	9/25/2017	03:00:00	USER					1 Elite, 1 bodyload, 1 pickup
Event	4	Arrive At Loc	Arrive At Location	9/25/2017	06:30:00	USER					Meet with rig crew and company rep - ready to rig up
Event	5	Assessment Of Location Safety Meeting	Assessment Of Location Safety Meeting	9/25/2017	06:40:00	USER					JSA completed - customer offered/received SDS - water test
Event	6	Pre-Rig Up Safety Meeting	Pre-Rig Up Safety Meeting	9/25/2017	06:50:00	USER					
Event	7	Rig-Up Equipment	Rig-Up Equipment	9/25/2017	07:00:00	USER					Squeeze manifold, hard line to floor, hard line to backside, hard line to wash up tank, water hoses to upright and truck, bulk hose to bodyload
Event	8	Pre-Job Safety Meeting	Pre-Job Safety Meeting	9/25/2017	09:20:00	USER					All HES personnel, rig crew, and company rep
Event	9	Start Job	Start Job	9/25/2017	09:35:00	USER					5 1/2" casing w/ BP @ 4647', 2 7/8" tubing with packer @ 4531', well full of water
Event	10	Other	Prime Lines	9/25/2017	09:37:57	COM5	8.4	1.0	140	1.0	Fresh water
Event	11	Test Lines	Test Lines	9/25/2017	09:41:39	COM5			4050		Pressure held well
Event	12	Pump Spacer Ahead	Pump Spacer Ahead	9/25/2017	09:46:50	USER	8.4	2.0	143	20.0	Fresh water - circulation established - no injection
Event	13	Pump Cement	Pump Cement	9/25/2017	10:00:33	COM5	13.0	2.0	135	7.1	50 sks, 13.0 ppg, 0.80 yield, 4.07 gal/sk - add 8.5 gal Halad-313 and 5 gal d-Air

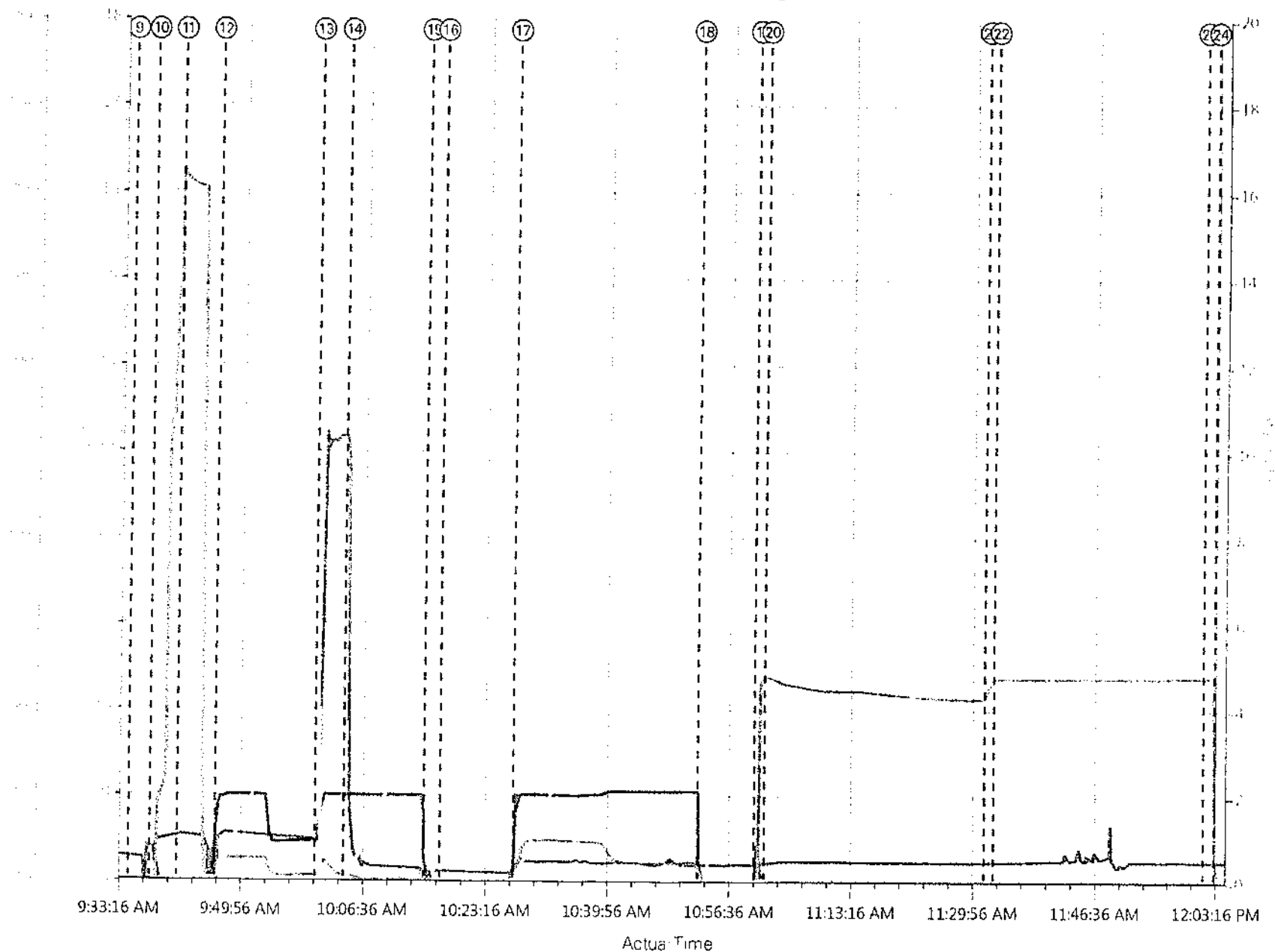
HALLIBURTON

(v. 4.2.393)

Created: Monday, September 25, 2017

											- started mixing @ 9:50 am
Event	14	Pump Displacement	Pump Displacement	9/25/2017	10:04:27	COM5	8.4	2.0	27	20.5	Fresh water
Event	15	Shutdown	Shutdown	9/25/2017	10:15:25	USER					Leave approx 6 bbls cement in tubing
Event	16	Other	Pull out of packer	9/25/2017	10:17:34	COM5					Pull 5 stands - all pulled dry
Event	17	Reverse Out	Reverse Out	9/25/2017	10:27:31	USER	8.4	2.0	255	50.0	Approx 2 bbls cement circulated out-pumped 2 tubing volumes
Event	18	Other	Shutdown	9/25/2017	10:52:46	COM5					Pull one more stand
Event	19	Pump Displacement	Pump Displacement	9/25/2017	11:00:28	USER	8.4	0.5	1226	0.4	Squeeze on cement
Event	20	Shutdown	Shutdown	9/25/2017	11:01:50	USER					Hesitate 30 minutes
Event	21	Other	Pump Displacement	9/25/2017	11:31:56	COM5	8.4	0.5	1202	0.1	Squeeze on cement
Event	22	Shutdown	Shutdown	9/25/2017	11:33:12	USER					Hesitate 30 minutes
Event	23	Shut In Well	Shut In Well	9/25/2017	12:02:00	USER			1208		Rig to hold pressure on well overnight
Event	24	End Job	End Job	9/25/2017	12:03:30	USER					No sugar, no add hours
Event	25	Pre-Rig Down Safety Meeting	Pre-Rig Down Safety Meeting	9/25/2017	12:15:00	USER					
Event	26	Rig-Down Equipment	Rig-Down Equipment	9/25/2017	12:30:00	USER					
Event	27	Pre-Convoy Safety Meeting	Pre-Convoy Safety Meeting	9/25/2017	12:45:00	USER					
Event	28	Crew Leave Location	Crew Leave Location	9/25/2017	13:00:00	USER					Thank you for using Halliburton - Ed Deussen and crew

CHEVRON Squeeze - Magor 1A



----- DH Density (ppg)
 ----- Comb Pump Rate (bbl/min)
 ----- PS Pump Press (psi)
 ----- Pump Stg Tot (bbl)

LABORATION | iCom Service

9/25/2017 8:23:46 AM Page 4 of 4

Edit

Client: CHEVRON - DWEPBL - EBUS
 Representative: Jim Calcote

Job Date: 9/25/2017 8:23:46 AM
 Sales Order #: 904323091

Well: Magor 1A
 Elite #4: Ed Deussen / Shawn Blossom

3.1 Actual Pump Schedule

3.1 Cementer completes on location

EVENT #	EVENT	VOLUME	RATE	PRESSURE	SACKS	DENSITY	YIELD	WATER RQD.
	Prime Lines	2	2.0			8.33		
	Test Lines			3500				
	Injection Test	10	2.0			8.33		
	Shutdown / Get ISIP							
	H2O Spacer	20				8.33		
	Cement	7.12	2.0		50	13.0	0.80	4.07
	Displace w/ H2O	26.5 20,5	2.0			8.33		
	Shutdown							
	Sting Out							
	Reverse Out		72.2					
	Squeeze on Cement							