

HALLIBURTON

iCem® Service

ANADARKO PETROLEUM CORP - EBUS

Ft. Lupton District, COLORADO

For:

Date: Sunday, May 05, 2019

MAB

WELD

Case 1

Job Date: Sunday, May 05, 2019

Sincerely,

Legal Notice

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1.0 Real-Time Job Summary

1.1 Job Event Log

Type	Seq. No.	Activity	Graph Label	Date	Time	Source	PS Pump Press (psi)	DH Density (ppg)	Comb Pump Rate (bbl/min)	Pump Stg Tot (bbl)	Comments
Event	1	Call Out	Call Out	5/5/2019	02:00:00	USER					CREW CALLED OUT. ON LOCATION 0800
Event	2	Depart Shop for Location	Depart Shop for Location	5/5/2019	06:15:00	USER					CREW HAS VERIFIED EQUIPMENT AND MATERIALS, HAD JOURNEY MANAGEMENT SAFETY MEETING DISCUSSING ROUTE, FOLLOWING ORDER, HAZARDS, FOLLOWING DISTANCE AND DEPARTS FOR LOCATION
Event	3	Arrive At Loc	Arrive At Loc	5/5/2019	06:45:00	USER					CREW ARRIVED AT LOCATION, RIG WAS STILL RUNNING CASING AT 13,500'
Event	4	Safety Meeting - Pre Rig-Up	Safety Meeting - Pre Rig-Up	5/5/2019	07:00:00	USER					HAD PRE TIG UP SAFETY MEETING WITH HES CREW AND DISCUSSED USING A SPOTTER WHILE BACKING, SLIP, TRIPS AND FALLS, TEAM CARRY AND 40' BUFFER ZONE. CREW RIGGED UP.
Event	5	Casing on Bottom	Casing on Bottom	5/5/2019	10:15:00	USER					RIG CREW LANDED CASING ON BOTTOM AND HES STARTED TO MIX UP LATEX.
Event	6	Safety Meeting	Safety Meeting	5/5/2019	11:45:00	USER	0.00	8.35	0.00	42.00	HAD PRE RIG UP SAFETY MEETING WITH RIG CREW AND HES, DISCUSSED S.W.A MUSTER AREA, SLIP, TRIPS

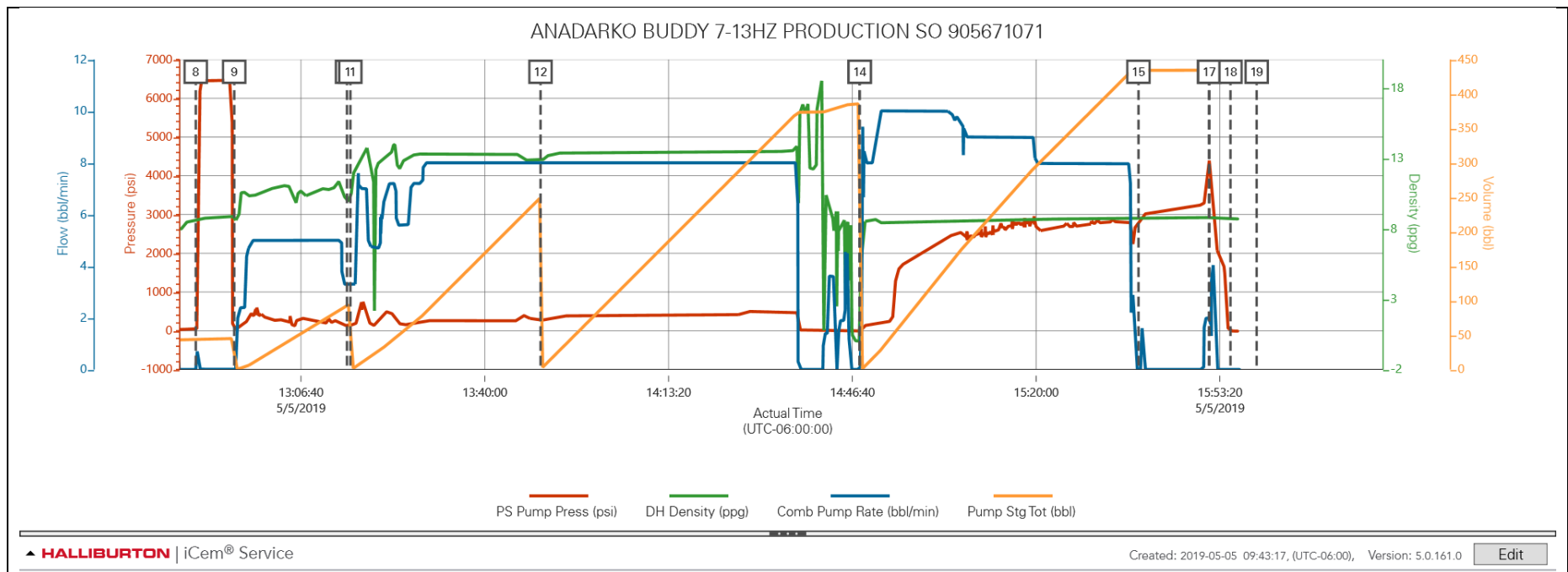
AND FALLS, PRESSURE
TESTING, NEAREST
HOSPITAL AND GOOD
COMMUNICATION
THROUGHOUT JOB.

Event	7	Start Job	Start Job	5/5/2019	12:41:58	COM6	-11.00	2.10	0.00	42.00	START JOB
Event	8	Test Lines	Test Lines	5/5/2019	12:47:35	COM6	51.00	8.54	0.00	44.80	TESTED LINES TO 6500PSI
Event	9	Pump Spacer 1	Pump Spacer 1	5/5/2019	12:54:34	COM6	20.00	8.67	0.00	0.00	PUMPED 80 BBLS SPACER 10.5PPG 6.17 YIELD 39.6 GAL
Event	10	Drop Bottom Plug	Drop Bottom Plug	5/5/2019	13:15:01	USER	132.00	9.98	3.30	93.10	DROPPED BOTTOM PLUG WITH COMPANY MAN ON RIG FLOOR.
Event	11	Pump Cement	Pump Cement	5/5/2019	13:15:38	COM6	138.00	9.96	3.30	95.10	PUMPED 177BBLS OF LEAD CEMENT (GASSTOP) 13.2 PPG 1.56 YIELD 7.61 GAL 640SKS
Event	12	Pump Tail Cement	Pump Tail Cement	5/5/2019	13:50:07	COM6	291.00	12.81	8.00	0.10	PUMPED 329 BBLS OF TAIL CEMENT (ECONOCEM) 13.5 PPG 1.68 YIELD 7.99 GAL 100 SKS
Event	13	Drop Top Plug	Drop Top Plug	5/5/2019	14:47:58	COM6	-11.00	-0.04	0.00	385.60	DROPPED TOP PLUG WITH COMPANY MAN ON RIG FLOOR.
Event	14	Pump Displacement	Pump Displacement	5/5/2019	14:48:01	COM6	-11.00	0.10	0.00	0.00	PUMPED 422 BBLS OF DISPLACEMENT WATER WITH MMCR IN THE 20BBLS AND BIOCIDES THROUGHOUT.
Event	15	Bump Plug	Bump Plug	5/5/2019	15:38:34	COM6	2769.00	8.68	0.00	434.10	BUMPED PLUG AT 3BPM FINAL CIRCULATING PRESSURE 2170PSI HELD FOR 15 MIN CASING TEST.

Event	16	Other	Other	5/5/2019	15:51:22	USER	4429.00	8.76	2.00	436.20	OPENED UP WET SHOE SUB AND PUMPED 3BBL WET SHOE.
Event	17	Check Floats	Check Floats	5/5/2019	15:51:25	USER	4385.00	8.80	2.00	436.30	CHECK FLOATS, 2.5 BBLS BACK.
Event	18	End Job	End Job	5/5/2019	15:55:15	COM6	-3.00	8.71	0.00	439.70	
Event	19	Pre-Rig Down Safety Meeting	Pre-Rig Down Safety Meeting	5/5/2019	16:00:00	USER					HAD PRE RIG DOWN SAFETY MEETING WITH HES CREW AND DISCUSSED PINCH POINTS, TEAM CARRY, 40' BUFFER ZONE, CALLING OUT HAMMER SWINGS AND SLIP TRIPS AND FALLS.
Event	20	Pre-Convoy Safety Meeting	Pre-Convoy Safety Meeting	5/5/2019	17:00:00	USER					HAD PRE CONVOY SAFETY MEETING WITH CREW BEFORE DEPARTING LOCATION, DISCUSSED SAFE FOLLING DISTANCES AND WILDLIFE. CREW LEFT LOCATION.

2.0 Attachments

2.1 Case 1-Custom Results.png



3.0 Custom Graphs

3.1 Custom Graph

