

HALLIBURTON

iCem[®] Service

K P KAUFFMAN CO, INC. EBIZ

Ft. Lupton District, COLORADO

For: RICK RAMOS

Date: Thursday, August 15, 2019

KPK CHAMPLIN 86 F-4

WELD, KPK CHAMPLIN 86 F-4

Case 1

Job Date: Thursday, August 15, 2019

Sincerely,

KYLE BATH

1.0 Real-Time Job Summary

1.1 Job Event Log

Type	Seq. No.	Activity	Graph Label	Date	Time	Source	Comb Pump Rate (bbl/min)	DS Pump Press (psi)	DH Density (ppg)	Pump Stg Tot (bbl)	Comments
Event	1	Call Out		8/15/2019	03:00:00						CREW CALLED OUT, TRUCKS
Event	2	Depart Yard Safety Meeting		8/15/2019	05:45:00						DISCUSS ROUTE AND HAZARDS
Event	3	Crew Leave Yard		8/15/2019	06:00:00						CREW DEPART YARD
Event	4	Arrive at Location from Service Center		8/15/2019	06:38:00						ARRIVE ON LOCATION
Event	5	Assessment Of Location Safety Meeting		8/15/2019	07:00:00						DISCUSS LOCATION HAZARDS AND HOW TO MITIGATE THEM
Event	6	Safety Meeting - Pre Rig-Up		8/15/2019	07:15:00						DISCUSS HAZARDS AND WAYS TO MITIGATE THEM
Event	7	Safety Meeting - Pre Job		8/15/2019	08:00:00						PRE JOB SAFETY MEETING WITH RIG CREW AND CO REP
Event	8	Start Job		8/15/2019	08:20:49						PLUG 1, TBG 2 3/8 4.7#, CSG 4.5 10.5#, BP @ 4610, PERFS 2500, RETAINER 2450
Event	9	Test Lines		8/15/2019	08:23:01						TEST LINES TO 2688 PSI
Event	10	Circulate Well		8/15/2019	08:28:28						CIRCULATE WELL 1 BBL AWAY GOT RETURNS, STING INTO RETAINER
Event	11	Other		8/15/2019	08:32:37						INJECTION TEST, .5 BPM 700 PSI 1 BPM 740 PSI, 1.5 BPM 840 PSI, PUMPED 10 BBLs FRESH WATER TOTAL
Event	12	Pump Cement		8/15/2019	09:03:04						MIX AND PUMP 40 SKS 8.2

ICem Service

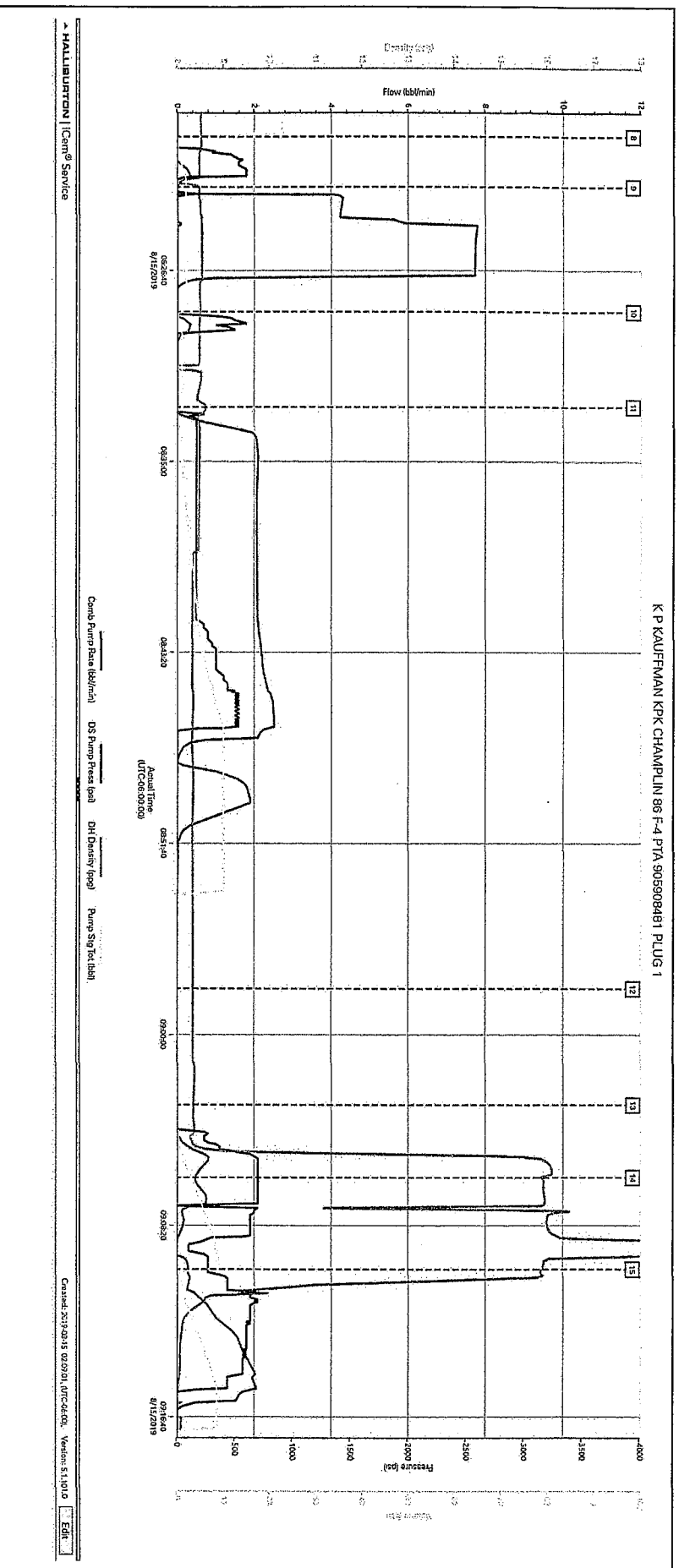
(v. 5.1.101.0)

Event	13	Check Weight	8/15/2019	09:06:14	BBLS CEMENT 15.8 PPG, 1.15 FT3/SK, 5 GAL/SK 2 BPM 250 PSI
Event	14	Pump Displacement	8/15/2019	09:10:14	PUMPED 8.5 BBLS FRESH WATER DISPLACEMENT 2 BPM 550 PSI, STING OUT LEAVE 50' ON TOP OF RETAINER
Event	15	Other	8/15/2019	09:18:54	PULL TBG AND PERF
Event	16	Other	8/15/2019	11:22:46	ESTABLISH CIRCULATION, RETAINER 650, PERFS 700, 50 SKS BELOW RETAINER 20 SKS ON TOP
Event	17	Pump Cement	8/15/2019	11:43:23	MIX AND PUMPP 50 SKS 10.2 BBLS CEMENT 15.8 PPG, 1.15 FT3/SK, 5 GAL/SK, 2 BPM 40 PSI
Event	18	Check Weight	8/15/2019	11:45:44	
Event	19	Pump Displacement	8/15/2019	11:49:20	PUMP 2.5 BBLS FRESH WATER DISPLACEMENT 2 BPM 50 PSI
Event	20	Other	8/15/2019	12:03:21	RIG PULL STANDS
Event	21	Pump Cement	8/15/2019	12:26:00	MIX AND PUMP 20 SKS 4 BBLS CEMENT 15.8 PPG, 1.15 FT3/SK, 5 GAL/SK WITH 3% CC 2 BPM 50 PSI
Event	22	Pump Displacement	8/15/2019	12:28:43	PUMP 1 BBL FRESH WATER DISPLACEMENT
Event	23	Other	8/15/2019	12:33:57	WASH LINES
Event	24	Circulate Well	8/15/2019	12:47:39	CIRCULATE WELL WITH 10 BBLS FRESH WATER, 3 BBLS CEMENT TO SURFACE

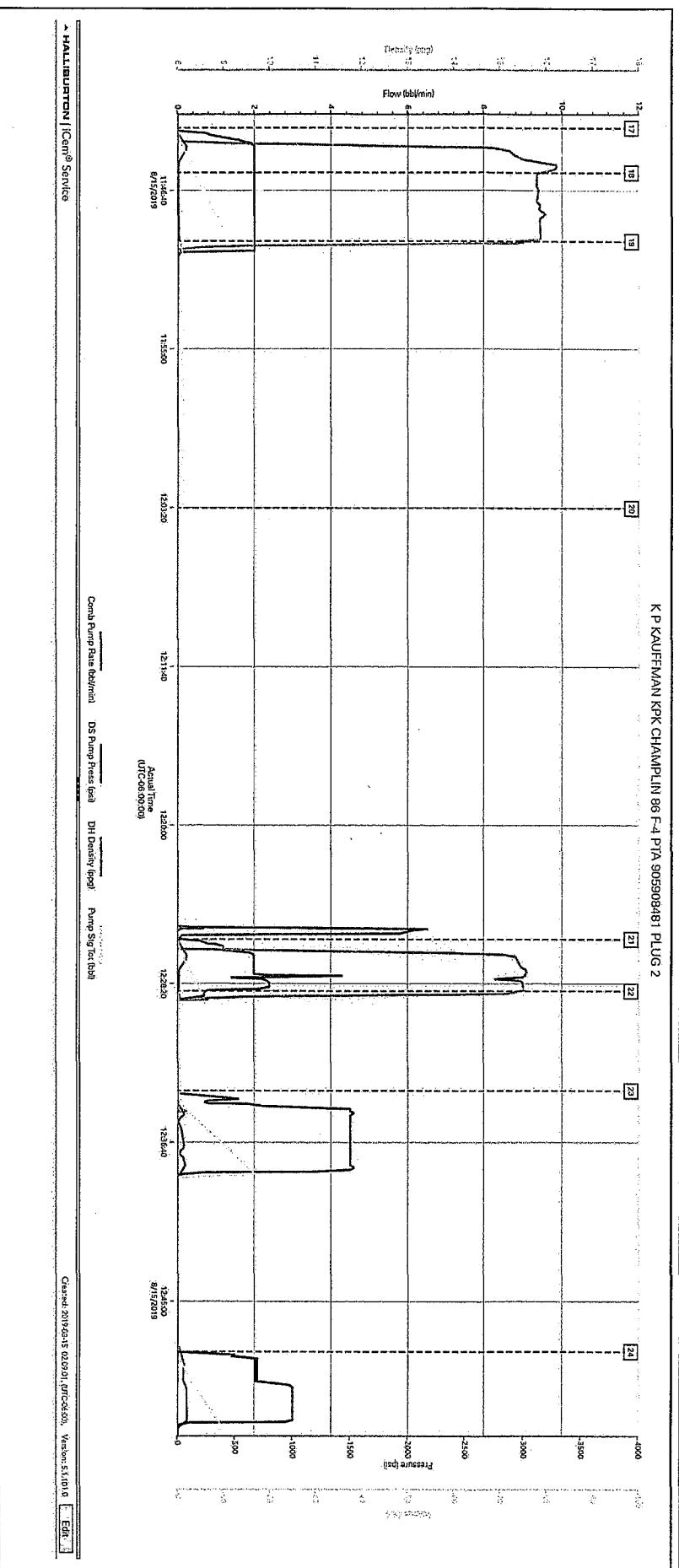
Event	25	Other	8/15/2019	14:08:58	PERF HOLES AT 250, RETAINER AT 200, TAG CMT AT 380
Event	26	Circulate Well	8/15/2019	14:47:15	ESTABLISH CIRCULATION
Event	27	Pump Cement	8/15/2019	14:57:42	MIX AND PUMP 55 SKS 11.3 BBL5 CEMENT 15.8 PPg, 1.15 FT3/SK 5 GAL/SK 2 BPM 100 PSI
Event	28	Other	8/15/2019	15:08:28	PULL STANDS AND PREP FOR SURFACE PLUG
Event	29	Circulate Well	8/15/2019	15:43:37	ESTABLISH CIRCULATION
Event	30	Pump Cement	8/15/2019	15:50:35	MIX AND PUMP 15 SKS 3 BBL5 CEMENT 15.8 PPg, 1.15 FT3/SK, 5 GAL/SK 1.5 BPM 20 PSI
Event	31	End Job	8/15/2019	16:10:06	
Event	32	Safety Meeting - Pre Rig-Down	8/15/2019	16:20:00	DISCUSS HAZARDS AND WAYS TO MITIGATE THEM
Event	33	Depart Location Safety Meeting	8/15/2019	17:30:00	DISCUSS HAZARDS AND ROUTE
Event	34	Crew Leave Location	8/15/2019	18:00:00	THANK YOU FOR USING HALLIBURTON, KYLE BATH AND CREW

2.0 Attachments

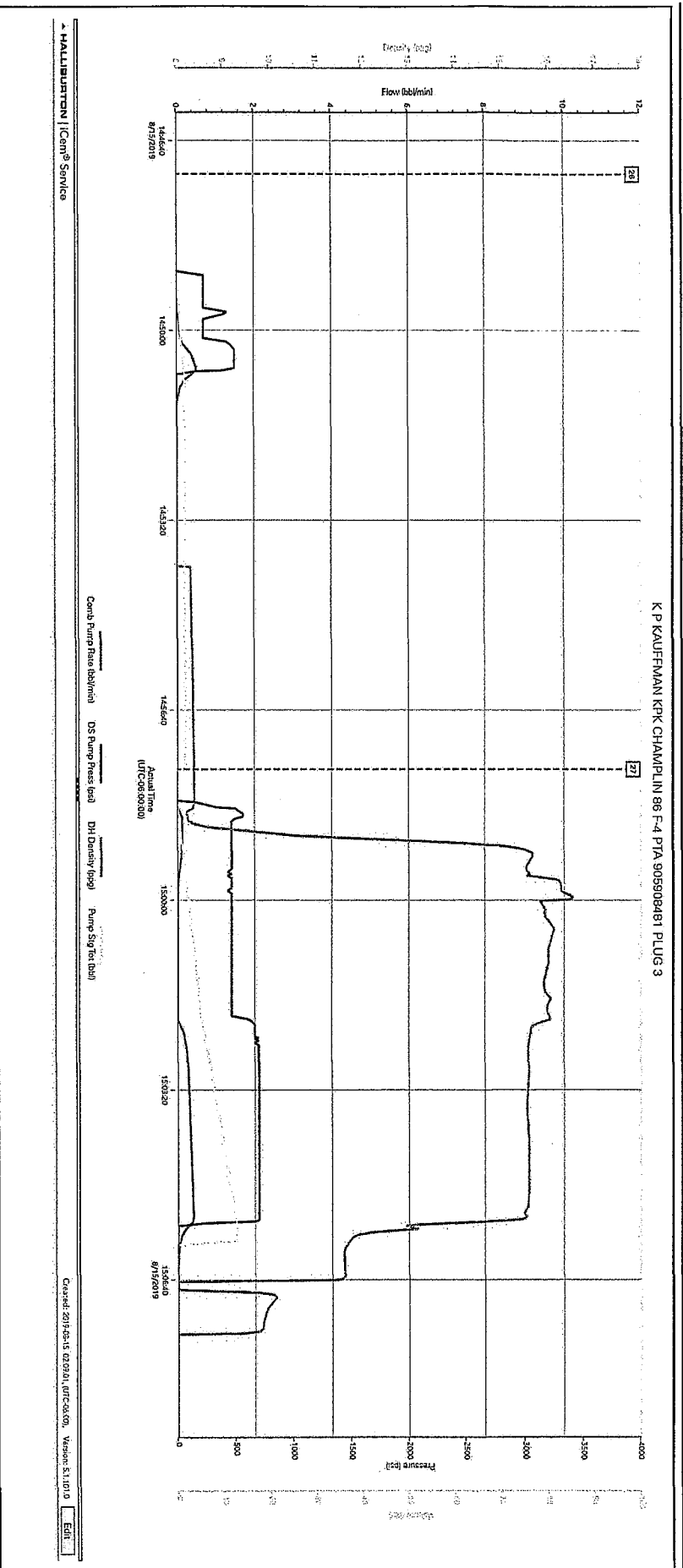
2.1 PLUG 1.png



2.3 PLUG 2#.png



2.4 PLUG 3.png



2.5 Case 1-Custom Results.png

