

HALLIBURTON

iCem® Service

KP KAUFFMAN COMPANY INC

Ft. Lupton District, Colorado

For: Rick Ramos

Date: Friday, November 15, 2019

UPRR 43 PAN AM I #9

weld, Wattenberg

Case 1

Job Date: Friday, November 15, 2019

Sincerely,

Jamar Horton

2.0 Real-Time Job Summary

2.1 Job Event Log

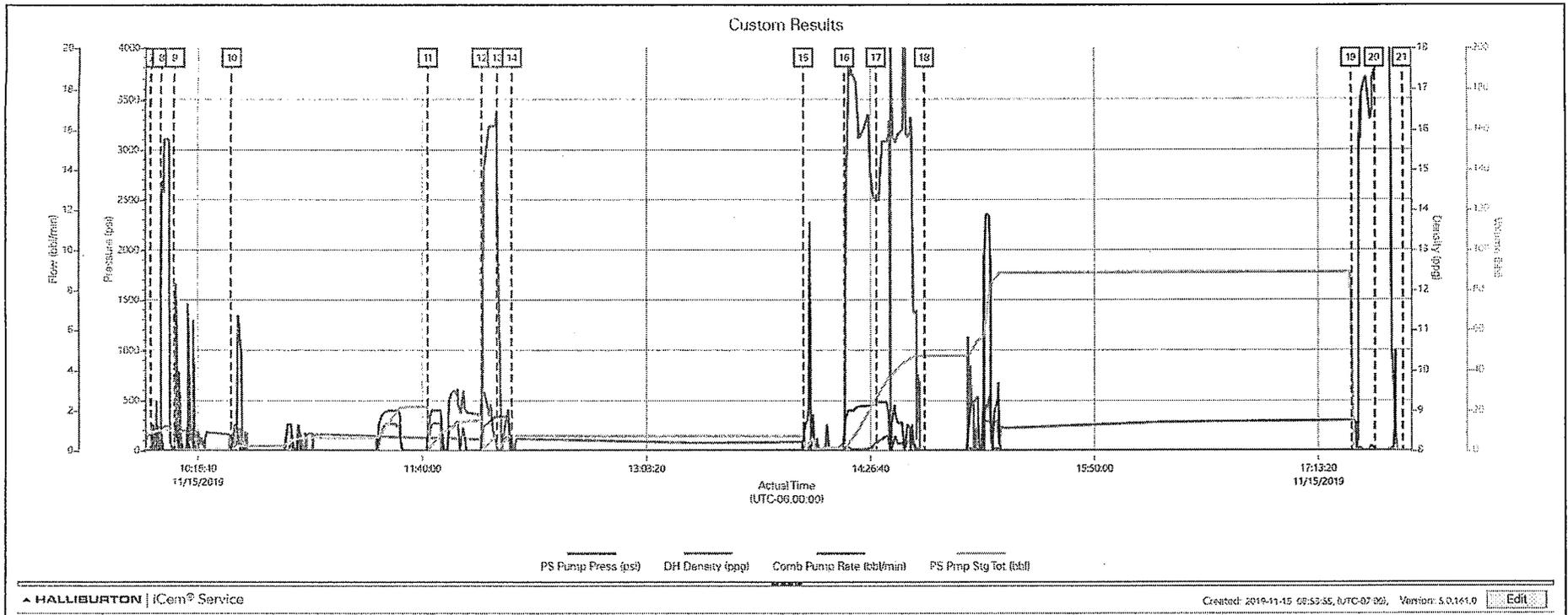
Type	Seq. No.	Activity	Graph Label	Date	Time	Source	PS Pump Press (psi)	DH Density (ppg)	Comb Pump Rate (bbl/min)	PS Pmp Stg Tot (bbl)	Comments
Event	1	Depart from Service Center or Other Site	Depart from Service Center or Other Site	11/15/2019	07:30:00	USER					Journey Management meeting held prior to departure. journey called into dispatch and approved.
Event	2	Arrive at Location from Service Center	Arrive at Location from Service Center	11/15/2019	08:30:00	USER					With all Equipment and materials. Hazard hunt performed before spotting in equipment. discussed numbers and job procedures with customer.
Event	3	Comment	Comment	11/15/2019	08:35:00	USER					<p>Tubing: 2 3/8" 4.7# @2500', Csg 4 1/2" 10.5# perfs @ 2500', 7/78" OH, CICR @ 2450' Estimated TOC 2250'</p> <p>Plug #2 Tubing: 2 3/8" 4.7# @800', Csg 4 1/2" 10.5# perfs @ 800', 7/78" OH, CICR @ 750', Surf Csg 8 5/8", 24# @ 750' TOC seen to surface.</p> <p>Plug #3 Top Out 4 1/2 10.5# @ 100'. Seen cement to surface.</p>
Event	4	Pre-Rig Up Safety Meeting	Pre-Rig Up Safety Meeting	11/15/2019	08:40:00	USER					JSA with all essential personnel to discuss the hazards of rigging up .
Event	5	Rig-Up Completed	Rig-Up Completed	11/15/2019	09:40:00	USER	-9.00	8.46	0.00	8.70	Safely with no injuries.

Event	6	Pre-Job Safety Meeting	Pre-Job Safety Meeting	11/15/2019	09:45:00	USER	-10.00	8.45	0.00	8.70	JSA with all essential personnel to discuss the job procedures and the hazards of the job.
Event	7	Start Job	Start Job	11/15/2019	09:59:07	COM4	-11.00	8.42	0.00	8.70	Start recording data.
Event	8	Test Lines	Test Lines	11/15/2019	10:02:58	COM4	-3.00	8.54	0.00	10.00	To 3000psi.
Event	9	Circulate Well	Circulate Well	11/15/2019	10:07:50	COM4	15.00	8.48	0.00	10.10	Tried to circulate and kept pressuring up.
Event	10	Reverse Circ Well	Reverse Circ Well	11/15/2019	10:28:58	COM4	-8.00	0.12	0.00	0.00	Kept pressuring up.
Event	11	Circulate Well	Circulate Well	11/15/2019	11:41:56	COM4	2.00	8.13	1.30	0.00	With 9bbls of fresh water.
Event	12	Pump Cement	Pump Cement	11/15/2019	12:01:58	COM4	358.00	8.28	0.00	14.80	40sk 8bbls 15.8ppg 1.15yd 5.00gal/sk verified with pressurized scales.
Event	13	Pump Displacement	Pump Displacement	11/15/2019	12:07:42	COM4	19.00	16.44	1.70	0.00	8.5bbls of fresh water.
Event	14	Shutdown	Shutdown	11/15/2019	12:13:10	COM4	-1.00	7.75	0.00	7.30	Waiting on wireline to shoot perfs.
Event	15	Pump Spacer 1	Pump Spacer 1	11/15/2019	14:01:44	COM4	7.00	8.22	0.00	7.30	5bbls of fresh water.
Event	16	Pump Cement	Pump Cement	11/15/2019	14:17:02	COM4	31.00	8.21	1.30	1.60	210sk 43bbl 15.8ppg 1.15yd 5.00gal/sk verified with pressurized scales.
Event	17	Check Weight	Check Weight	11/15/2019	14:28:54	COM4	85.00	14.22	2.40	25.50	
Event	18	Shutdown	Shut down	11/15/2019	14:46:48	COM4	4.00	0.32	0.00	47.20	Waiting for rig to nipple down.
Event	19	Pump Cement	Pump Cement	11/15/2019	17:25:49	COM4	3.00	8.75	0.00	88.90	15sk 3bbls 15.8ppg 1.15yd 5.00gal/sk verified with pressurized scales.

Event	20	End Job	End Job	11/15/2019	17:34:35	COM4	Stop recording data.
Event	21	Pre-Rig Down Safety Meeting	Pre-Rig Down Safety Meeting	11/15/2019	17:45:00	USER	JSA with all essential personnel to discuss the hazards of rigging down.
Event	22	Rig-Down Completed	Rig-Down Completed	11/15/2019	18:15:00	USER	Safely with no injuries.
Event	23	Depart Location for Service Center or Other Site	Depart Location for Service Center or Other Site	11/15/2019	18:30:00	USER	Journey Management meeting held prior to departure. journey called into dispatch and approved.
Event	24	Comment	Comment	11/15/2019	18:35:00	USER	"".....Thank You for choosing Halliburton.....""

3.0 Attachments

3.1 Case 1-Custom Results.png



Summary Report

Sales Order #: 0906112514
WO #: 0906112514
PO #: NA
AFE #:

Crew: _____

Job Start Date: 11/15/2019 08:00 AM

Customer: K P KAUFFMAN CO INC-EBUS

Field:

Job Type: CMT VIA ANNULUS
BOM

UWI / API Number:

County/Parish: WELD

Service Supervisor: Jamar Horton

Well Name: KPK UPRR 43 PAN AM I#9,WELD

State: COLORADO

Well No: 2330552

Latitude:

Longitude:

Sect / Twn / Rng: //

Cust Rep Name: Rick Ramos

Cust Rep Phone #:

Remarks:

The Information Stated Herein Is Correct	Customer Representative Signature <i>Rich Ramos</i>	Date 11/15/19
	Customer Representative Printed Name	

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 303209	Ship To #: 2330552	Quote #:	Sales Order #: 0906112514
Customer: K P KAUFFMAN CO INC-EBUS		Customer Rep: Rick Ramos	
Well Name: KPK UPRR 43 PAN AM I#9,WELD	Well #: 2330552	API/UWI #:	
Field:	City (SAP): DACONO	County/Parish: WELD	State: COLORADO
Legal Description:			
Contractor: UNKNOWN		Rig/Platform Name/Num: WORKOVER RIG	
Job BOM:			
Well Type: GAS			
Sales Person: HALAMERICA\HX38199		Srvc Supervisor: Jamar Horton	

Job

Formation Name			
Formation Depth (MD)	Top		Bottom
Form Type			BHST
Job depth MD	2500ft		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		4.5	4.052	10.5		N-80	0	2500		0
Tubing		2.375	1.995	4.7		J-55	0	2500		0

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	PLUG 1	HALCEM (TM) SYSTEM	40	sack	15.8	1.15		4	5

5 Gal

FRESH WATER

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	PLUG 1	HALCEM (TM) SYSTEM	210	sack	15.8	1.15		4	5

5 Gal

FRESH WATER

Seen cement to surface.

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
3	PLUG 1	HALCEM (TM) SYSTEM	15	sack	15.8	1.15		4	5

5 Gal

FRESH WATER

Seen cement to surface