

# HALLIBURTON

iCem<sup>®</sup> Service

## **MCCOY PETROLEUM CO**

El Reno District, KANSAS

### **For: MCCOY**

Date: Friday, September 27, 2019

## **MCCOY WHITAKER SCHWAB 1H-8 7 INCH INTERMEDIATE 905998052**

Case 1

Job Date: Friday, September 27, 2019

Sincerely,

**DAVID HAHN**

## Legal Notice

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# Summary Report

Crew: \_\_\_\_\_

Job Start Date: 09/26/2019 06:00 PM

Sales Order #: 0905998052  
 WO #: 0905998052  
 PO #: NA  
 AFE # :

## 1.0 Job Summary report

*The Road to Excellence Starts with Safety*

Sold To #: 303780		Ship To #: 0009000081		Quote #: 0022631079		Sales Order #: 0905998052					
Customer: MCCOY PETROLEUM CO				Customer Rep: ELIJIO HERNANDEZ							
Well Name: WHITAKER-SCHWAB			Well #: 1H-8X			API/UWI #: 15-119-21441-01					
Field:		City (SAP): PLAINS		County/Parish: MEADE			State: KANSAS				
Legal Description: S2 S2 SW-8-30S-30W-330FSL-1320FWL											
Contractor:					Rig/Platform Name/Num:						
Job BOM: 7522 7522											
Well Type: OIL & GAS WELL (HOR)											
Sales Person: HALAMERICA/HB80977					Srvc Supervisor: David Hahn						
<b>Job</b>											
<b>Formation Name</b>											
<b>Formation Depth (MD)</b>		<b>Top</b>			<b>Bottom</b>						
<b>Form Type</b>					<b>BHST</b>						
<b>Job depth MD</b>		5700ft			<b>Job Depth TVD</b>						
<b>Water Depth</b>					<b>Wk Ht Above Floor</b>						
<b>Perforation Depth (MD)</b>		<b>From</b>			<b>To</b>						
<b>Well Data</b>											
<b>Description</b>	<b>New / Used</b>	<b>Size in</b>	<b>ID in</b>	<b>Weight lbm/ft</b>	<b>Thread</b>	<b>Grade</b>	<b>Top MD ft</b>	<b>Bottom MD ft</b>	<b>Top TVD ft</b>	<b>Bottom TVD ft</b>	
Casing		9.625	8.921	36			0	1800			
Casing		7	6.276	26			0	5700			
Open Hole Section			8.75				1800	5700			
<b>Tools and Accessories</b>											
<b>Type</b>	<b>Size in</b>	<b>Qty</b>	<b>Make</b>	<b>Depth ft</b>		<b>Type</b>	<b>Size in</b>	<b>Qty</b>	<b>Make</b>		
Guide Shoe	7			5700		Top Plug	7		HES		
Float Shoe	7					Bottom Plug	7		HES		
Float Collar	7					SSR plug set	7		HES		
Insert Float	7					Plug Container	7		HES		
Stage Tool	7					Centralizers	7		HES		
<b>Fluid Data</b>											
Stage/Plug #: 1											

*Summary Report*

Sales Order #: 0905998052  
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Crew: \_\_\_\_\_

Job Start Date: 09/26/2019 06:00 PM

Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft3/sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal
1	9.5 LB CLEANSPACER III	CLEANSPACER III	30	bbl	9.5	8.772	62.67	3	
64.0070 lbm/bbl		<b>BARITE 41, 100 LB SACK (101577109)</b>							
0 gal/bbl		<b>FRESH WATER</b>							

Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft3/sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal
2	13.8 ppg LEAD Cement	ECONOCEM (TM) SYSTEM	200	sack	13.8	1.401		5	6.47
0.15 %		<b>WG-17, 50 LB SK (100003623)</b>							
0.60 %		<b>HALAD(R)-447, 25 KG (100003799)</b>							
6.47 Gal		<b>FRESH WATER</b>							
0.1250 lbm		<b>POLY-E-FLAKE (101216940)</b>							
0.20 %		<b>WellLife 1094 - 15 lb bag (861890)</b>							

Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft3/sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal
3	Tail Cement	Premium Cement	100	sack	15.6	1.196		5	5.28
0.20 %		<b>WellLife 1094 - 15 lb bag (861890)</b>							
5.28 Gal		<b>FRESH WATER</b>							
0.70 %		<b>HALAD(R)-447, 25 KG (100003799)</b>							
94 lbm		<b>CMT - PREMIUM - CLASS H REG OR TYPE V, BULK (100003687)</b>							
0.50 %		<b>CALCIUM CHLORIDE, PELLET, 50 LB (101509387)</b>							
0.1250 lbm		<b>POLY-E-FLAKE (101216940)</b>							
0.15 %		<b>WG-17, 50 LB SK (100003623)</b>							

Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft3/sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal
4	Displacement	Displacement	216	bbl	9.2				

<b>Cement Left In Pipe</b>	<b>Amount</b>	43ft	<b>Reason</b>	<b>Shoe Joint</b>
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**Comment**

Customer: MCCOY PETROLEUM CO Field:

Job Type: CMT  
 INTERMEDIATE  
 CASING BOM

*Summary Report*

Sales Order #: 0905998052  
 WO #: 0905998052  
 PO #: NA  
 AFE # :

Crew: \_\_\_\_\_

Job Start Date: 09/26/2019 06:00 PM

UWI / API Number: 15-119-21441-01  
 Well Name: WHITAKER-SCHWAB  
 Well No: 1H-8X

County/Parish: MEADE  
 State: KANSAS  
 Latitude: 37.446631  
 Longitude: -100.629745  
 Sect / Twn / Rng: 8/30/30

Service Supervisor: David Hahn  
 Cust Rep Name: ELIJIO HERNANDEZ  
 Cust Rep Phone #:

**Remarks:**

<i>The Information Stated Herein Is Correct</i>	<b>Customer Representative Signature</b>	<b>Date</b>
	<b>Customer Representative Printed Name</b>	

## 2.0 Real-Time Job Summary

### 2.1 Job Event Log

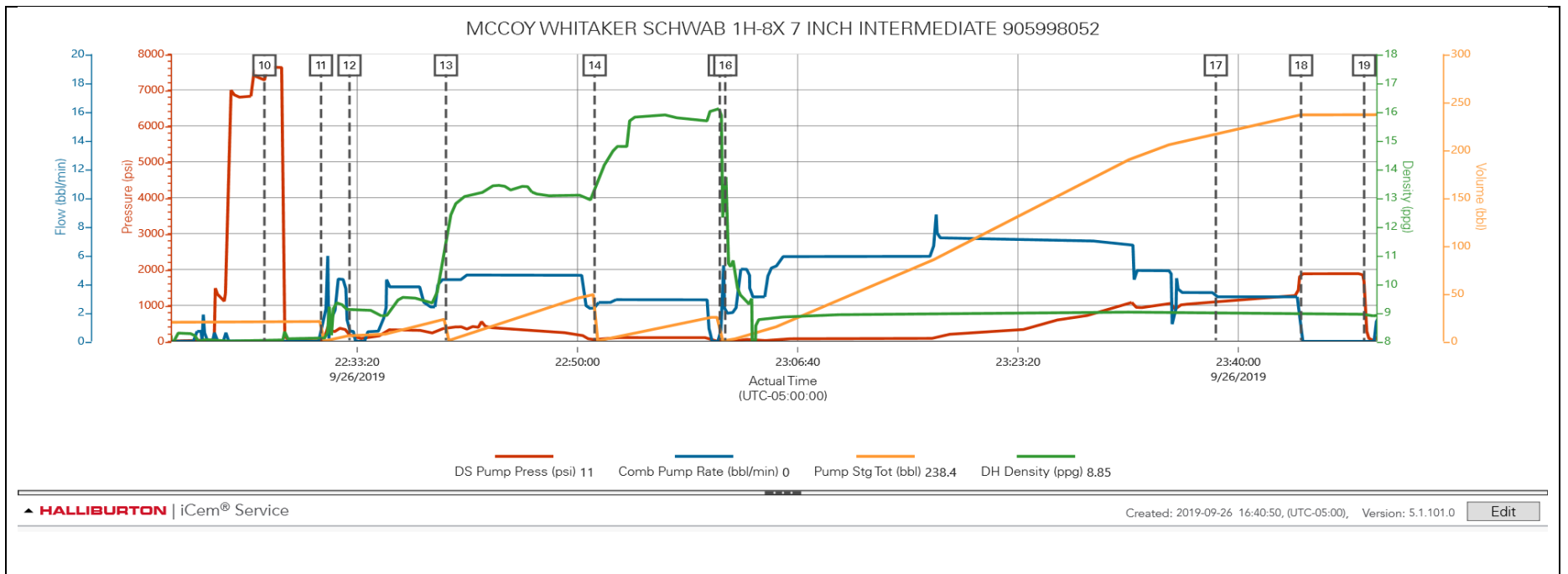
Type	Seq. No.	Activity	Graph Label	Date	Time	DS Pump Press <i>(psi)</i>	Comb Pump Rate <i>(bbl/min)</i>	Pump Stg Tot <i>(bbl)</i>	DH Density <i>(ppg)</i>	Comments
Event	1	Check Floats	Call Out	9/26/2019	05:30:00					CALL OUT @ 0530 WITH AN ONLOCATION TIME OF 1700
Event	2	Pre-Convoy Safety Meeting	Pre-Convoy Safety Meeting	9/26/2019	10:30:00					
Event	3	Depart from Service Center or Other Site	Depart from Service Center or Other Site	9/26/2019	10:45:00					
Event	4	Arrive at Location from Service Center	Arrive at Location from Service Center	9/26/2019	16:00:00					ARRIVE AT LOCATION, CHECK IN WITH CUSTOMER, RIG RUNNING CASING
Event	5	Safety Meeting - Pre Rig-Up	Safety Meeting - Pre Rig-Up	9/26/2019	20:30:00					
Event	6	Rig-Up Equipment	Rig-Up Equipment	9/26/2019	20:45:00					
Event	7	Rig-Up Completed	Rig-Up Completed	9/26/2019	21:45:00	413.00	9.10	8.80	8.17	ALL LINES RAN AND STAND PIPE UP TO RIG FLOOR, TRUCK PRIMED UP AND READY TO GO.
Event	8	Pre-Job Safety Meeting	Pre-Job Safety Meeting	9/26/2019	21:45:30	402.00	9.40	12.50	8.20	WITH ALL HES MEMBERS AND RIG CREW, COMPANY MAN
Event	9	Start Job	Start Job	9/26/2019	21:48:23	3.00	0.00	19.90	8.16	7" 26 # P110 SET TO 5718 FT, 43 FT SJ PC @ 1805 9.625 36# P110, 8.75 OH
Event	10	Test Lines	Test Lines	9/26/2019	22:26:19	7270.00	0.00	20.70	8.04	LOW TEST TO 500 HIGH TEST TO 7000 PSI
Event	11	Pump Spacer 1	Pump Spacer 1	9/26/2019	22:30:36	17.00	0.70	0.00	8.12	30 BBL 9.5 PPG 8.772 YEILD 62.67 GAL/SK
Event	12	Other	Other	9/26/2019	22:32:45	177.00	0.70	5.90	9.07	STOPPED GETTING PRODUCT FROM SPACER POT ON BULK TRUCK, LOST ALL AIR TO THAT POT, SHUT DOWN TO GET IT FIGURED OUT. THEN PICKED BACK UP RATE.
Event	13	Pump Lead Cement	Pump Lead Cement	9/26/2019	22:40:03	361.00	4.30	0.00	11.67	50 BBL 200 SK 13.8 PPG 1.401 YEILD 6.47 GAL/SK 4.5 BPM
Event	14	Pump Tail Cement	Pump Tail Cement	9/26/2019	22:51:18	48.00	2.30	49.10	13.21	21 BBL 100 SK 15.6 PPG 1.196 YEILD 5.28 GAL/SK

Event	15	Pump Displacement	Pump Displacement	9/26/2019	23:00:46	8.00	0.00	0.00	16.11	216 BBL FRESH WATER DISPLACEMENT 6 BPM FOR FIRST 110 BBL, THEN SLOW RATE TO 5 BPM FOR CEMENT TO TURN THE CORNER.
Event	16	Drop Top Plug	Drop Top Plug	9/26/2019	23:01:11	53.00	1.80	1.10	13.31	DROP HES TOP PLUG, BOTTOM PLUG WILL BE RETURNED TO THE YARD.
Event	17	Other	Other	9/26/2019	23:38:18	1090.00	3.10	217.00	8.99	SLOW RATE TO 3BPM
Event	18	Bump Plug	Bump Plug	9/26/2019	23:44:45	1888.00	0.00	236.60	8.96	BUMP PLUG @ 1260 PSI TAKE TO 1875 PSI HOLD FOR 5 MIN
Event	19	Check Floats	Check Floats	9/26/2019	23:49:31	1622.00	0.00	236.60	8.96	
Event	20	Other	Other	9/26/2019	23:51:14	1368.00	2.00	238.20	8.98	START CASING TEST 1500 PSI 30 MIN PER CUSTOMER REQUEST
Event	21	Check Floats	Check Floats	9/27/2019	00:18:08	1724.00	0.00	238.40	9.00	BLEED OFF PRESSURE FROM CASING TEST, 1.5 BBL BACK TO TRUCK FLOATS STILL HOLDING
Event	22	End Job	End Job	9/27/2019	00:18:52	18.00	0.00	238.40	8.85	
Event	23	Post-Job Safety Meeting (Pre Rig-Down)	Post-Job Safety Meeting (Pre Rig-Down)	9/27/2019	00:21:39					RIGGING DOWN CASING CREW, START RUNNING HOSES, WAITING TO SPOT TRUCKS AND RUN IRON TO RIG,
Event	24	Rig-Down Equipment	Rig-Down Equipment	9/27/2019	00:30:00					
Event	25	Rig-Down Completed	Rig-Down Completed	9/27/2019	01:30:00					
Event	26	Pre-Convoy Safety Meeting	Pre-Convoy Safety Meeting	9/27/2019	01:45:00					
Event	27	Depart Location for Service Center or Other Site	Depart Location for Service Center or Other Site	9/27/2019	02:00:00					

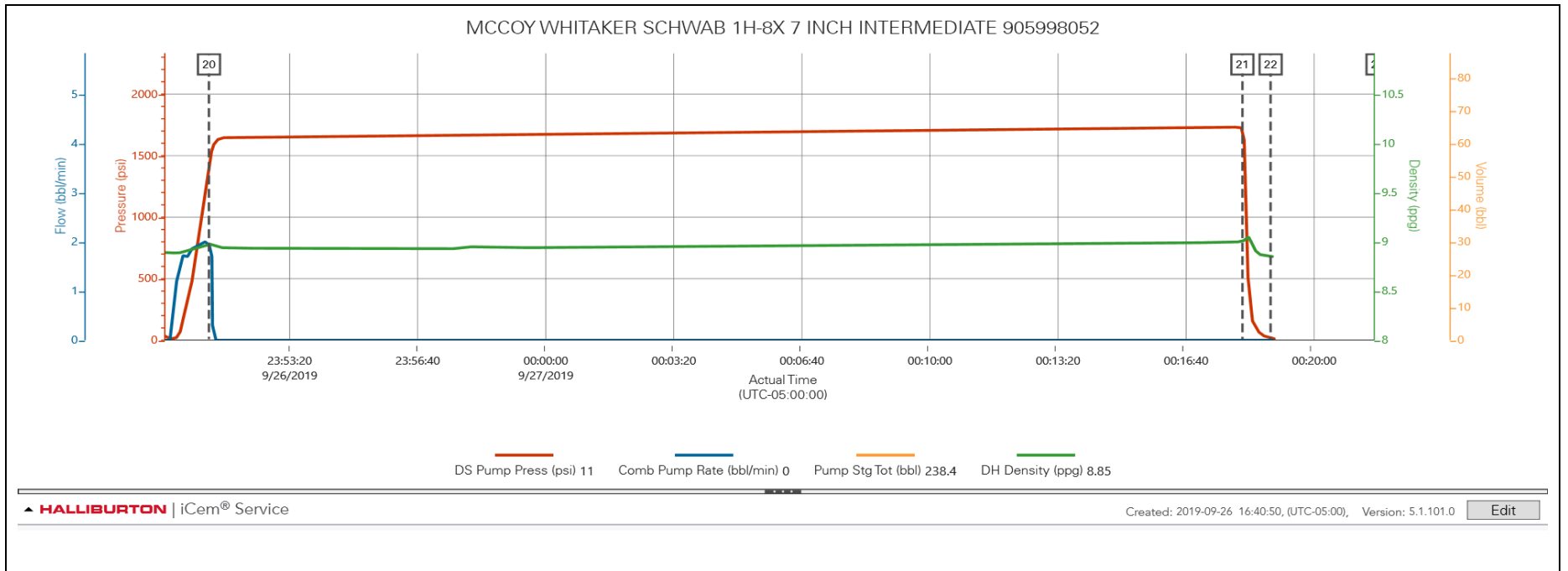


## 3.0 Attachments

### 3.1 MAIN JOB



3.2 CASING TEST



3.3 Entire Job

