

HALLIBURTON

iCem[®] Service

CONOCO/PHILLIPS COMPANY EBUSINESS

Tiberius 4-64 8-7 2DH Surface

Sincerely,
Meghan Jacobs

Legal Notice

Disclaimer:

All information in this report is provided subject to the terms and conditions which govern the services provided by Halliburton. Halliburton personnel use their best efforts in gathering information and their best judgment in interpreting it, but any interpretation, research, analysis or recommendation furnished by Halliburton are opinions based upon inferences from measurements and empirical relationships and assumptions, which inferences and empirical relationships and assumptions are not infallible, and with respect to which professionals in the industry may differ. iCem 3D Displacement results are used to understand how fluids intermix during a cement job. Simulation and 3D displacement results are not intended as and should not be used as a replacement for bond logs in determining top of cement. Current 3D model calculations are known to model more volume than the input volume for standard cases due to known calculation improvements required. For rotational cases, the modeled volume will be impacted by the same calculations impacting the standard cases, as well as additional constraints imposed to make the calculation time required operationally feasible. Therefore, until further notice, 3D displacement results should not be used for replacement of a bond log, or used as an identifier of top of cement. HALLIBURTON IS UNABLE TO GUARANTEE THE ACCURACY OF ANY CHART INTERPRETATION, RESEARCH ANALYSIS, OR JOB RECOMMENDATION and any interpretation or recommendation is not for use of or reliance upon by any third party. The customer has full responsibility for any of its decisions which are based on the information provided in this report.

Table of Contents

Cementing Job Summary	Error! Bookmark not defined.
Executive Summary	Error! Bookmark not defined.
Real-Time Job Summary	Error! Bookmark not defined.
Job Event Log	Error! Bookmark not defined.
Attachments.....	11
Case 1-Custom Results.png	Error! Bookmark not defined.

1.0 Cementing Job Summary

1.1 Executive Summary

Halliburton appreciates the opportunity to perform the cementing services on the **Tiberius 4-64 8-7 2DH** cement **Surface** casing job. A pre-job safety meeting was held before the job where details of the job were discussed, potential safety hazards were reviewed, and environmental compliance procedures were outlined.

Approximately 96 bbls of cement were returned to surface.

Halliburton maintains a continuous quality improvement process and appreciates any comments or suggestions that you may have. Halliburton again thanks you for the opportunity to perform service work on this well. We hope to be your solutions provider for future projects.

Respectfully,

Halliburton Fort Lupton

The Road to Excellence Starts with Safety

Sold To #: 352431		Ship To #: 3890170		Quote #: 0022566291		Sales Order #: 0905619887				
Customer: CONOCO/PHILLIPS COMPANY-EBUS				Customer Rep: ARON NEGUSSE						
Well Name: TIBERIUS			Well #: 4-64 8-7 2DH			API/UWI #: 05-005-07370-00				
Field: WILDCAT		City (SAP): AURORA		County/Parish: ARAPAHOE		State: COLORADO				
Legal Description: SW NE-8-4S-64W-1586FNL-1502FEL										
Contractor:				Rig/Platform Name/Num: Nabors B16						
Job BOM: 7521 7521										
Well Type: HORIZONTAL OIL										
Sales Person: HALAMERICA/HB41307				Srv Supervisor: Vitali Neverdasov						
Job										
Formation Name										
Formation Depth (MD)		Top		Bottom						
Form Type				BHST						
Job depth MD		2069ft		Job Depth TVD		2069				
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		16	15.25				0	100		
Casing	0	9.625	8.921	36	STC	J-55	0	2069	0	2069
Open Hole Section			13.5				100	2080	100	2080
Tools and Accessories										
Type	Size in	Qty	Make	Depth ft		Type	Size in	Qty	Make	
Guide Shoe	9.625					Top Plug	9.625	1	HES	
Float Shoe	9.625	1	N/A	2069		Bottom Plug	9.625	1	HES	
Float Collar	9.625	1	N/A	2028		SSR plug set	9.625			
Insert Float	9.625					Plug Container	9.625	1	HES	
Stage Tool	9.625					Centralizers	9.625	12	N/A	
Fluid Data										
Stage/Plug #: 1										

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	10 lb/gal Tuned Spacer III	Tuned Spacer III	50	bbl	10	8.97		6		
2	SwiftCem	SWIFTCEM (TM) SYSTEM	455	sack	12	2.564		8	15.12	
3	SwiftCem	SWIFTCEM (TM) SYSTEM	255	sack	14.2	1.59		6	7.9	
4	Displacement	Displacement	156	bbl	8.33			8		
Cement Left In Pipe		Amount	41 ft		Reason			Shoe Joint		
Comment : 96 BBLs OF CEMENT BACKTO SURFACE. ESTIMATED TOP OF TAIL @ 1239'.										

HALLIBURTON

Lab Results- Lead

Rockies, Brighton

Job Information

Request/Slurry	2549558/1	Rig Name	Nabors B16	Date	16/APR/2019
Submitted By	Meghan Jacobs	Job Type	Surface Casing	Bulk Plant	Brighton
Customer	ConocoPhillips	Location		Well	Tiberius 4-64 8-7 2DH

Well Information

Casing/Liner Size	9.625 in	Depth MD	2028 ft	BHST	35°C / 95°F
Hole Size	13.5 in	Depth TVD	2028 ft	BHCT	34°C / 93°F
Pressure	1214 psi				

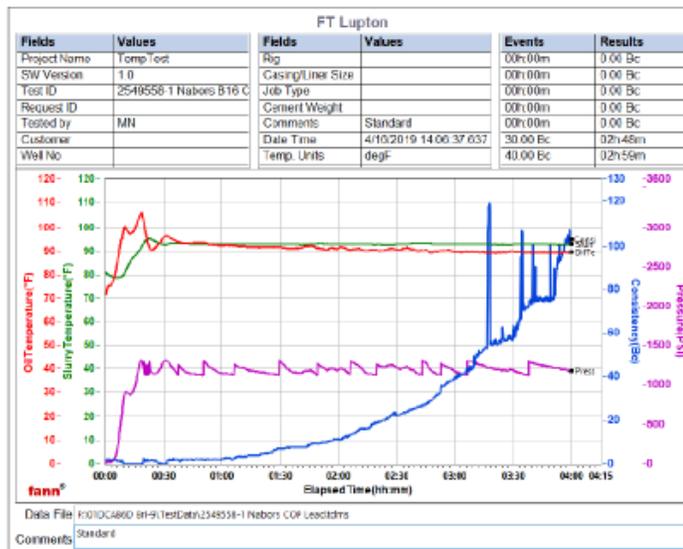
Cement Information - Lead Design

Conc	UOM	Cement/Additive	MP	Sample Type	Sample Date	Lot No.	Cement Properties		
100	% BWOC	Cemex Type I-II		Bulk Blend	17.04.19	2242	Slurry Density	12	lbm/gal
15.14	gal/sack	Field (Fresh) Water		Field Blend	04.04.19		Slurry Yield	2.57	ft ³ /sack
2	% BWOC	Cal-Seal 60	PB	Bulk Blend	17.04.19	L41619	Water Requirement	15.14	gal/sack
2.3	% BWOC	Econolite (Powder - PB)	PB	Bulk Blend	17.04.19	u112218	Total Mix Fluid	15.14	gal/sack
0.2	% BWOC	VERSASET (PB)	PB	Bulk Blend	17.04.19	2018-11-2			
6	lb/sk	Mountain Enhancer 923	PB	Bulk Blend	17.04.19				

Operation Test Results Request ID 2549558/1

Thickening Time, Request Test ID:36409857 17/APR/2019

Temp (degF)	Pressure (psi)	Reached in (min)	Start BC	30 Bc (hh:mm)	40 Bc (hh:mm)	50 Bc (hh:mm)	70 Bc (hh:mm)	100 Bc (hh:mm)
93	1214	18	1.8	2:48	2:59	3:10	3:52	3:58



This report is the property of Halliburton Energy Services and neither it nor any part thereof, nor a copy thereof, is to be published or disclosed without first securing the expressed written approval of Halliburton. It may however be used in the course of regular business operations by any person or concern receiving such report from Halliburton. This report is for information purposes only and the content is limited to the sample described. Halliburton makes no warranties, expressed or implied, as to the accuracy of the contents or results. Any user of this report agrees Halliburton shall not be liable for any loss or damage regardless of cause, including any act or omission of Halliburton, resulting from the use hereof.

HALLIBURTON

Lab Results- Tail

Rockies, Brighton

Job Information

Request/Slurry	2549559/1	Rig Name	Nabors B16	Date	16/APR/2019
Submitted By	Meghan Jacobs	Job Type	Surface Casing	Bulk Plant	Brighton
Customer	ConocoPhillips	Location		Well	Tiberius 4-64 8-7 2DH

Well Information

Casing/Liner Size	9.625 in	Depth MD	2028 ft	BHST	35°C / 95°F
Hole Size	13.5 in	Depth TVD	2028 ft	BHCT	34°C / 93°F
Pressure	1214 psi				

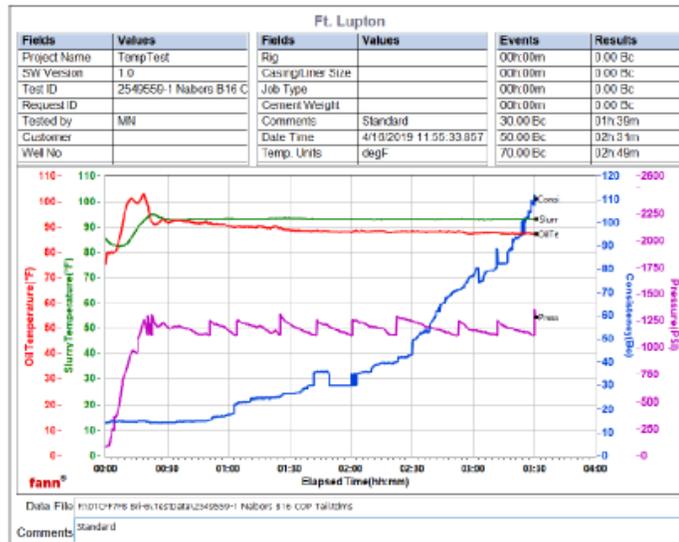
Cement Information - Tail Design

Conc	UOM	Cement/Additive	MP	Sample Type	Sample Date	Lot No.	Cement Properties	
100	% BWOC	Mountain G		Bulk Blend	17.04.19	4038	Slurry Density	14.2 lbm/gal
7.9	gal/sack	Field (Fresh) Water		Field Blend	04.04.19		Slurry Yield	1.59 ft ³ /sack
2	% BWOC	Cal-Seal 60	PB	Bulk Blend	17.04.19	Cal41619	Water Requirement	7.9 gal/sack
1.3	% BWOC	Econolite (Powder - PB)	PB	Bulk Blend	17.04.19	U11218	Total Mix Fluid	7.9 gal/sack
0.2	% BWOC	VERSASET (PB)	PB	Bulk Blend	17.04.19	2018-11-2		
6	lb/sk	Mountain Enhancer 923	PB	Bulk Blend	17.04.19			

Operation Test Results Request ID 2549559/1

Thickening Time, Request Test ID:36409859 16/APR/2019

Temp (degF)	Pressure (psi)	Reached in (min)	Start BC	30 Bc (hh:mm)	40 Bc (hh:mm)	50 Bc (hh:mm)	70 Bc (hh:mm)	100 Bc (hh:mm)
93	1214	18	14:1	1:39	2:20	2:31	2:49	3:23



This report is the property of Halliburton Energy Services and neither it nor any part thereof, nor a copy thereof, is to be published or disclosed without first securing the expressed written approval of Halliburton. It may however be used in the course of regular business operations by any person or concern receiving such report from Halliburton. This report is for information purposes only and the content is limited to the sample described. Halliburton makes no warranties, expressed or implied, as to the accuracy of the contents or results. Any user of this report agrees Halliburton shall not be liable for any loss or damage regardless of cause, including any act or omission of Halliburton, resulting from the use hereof.

2.0 Real-Time Job Summary

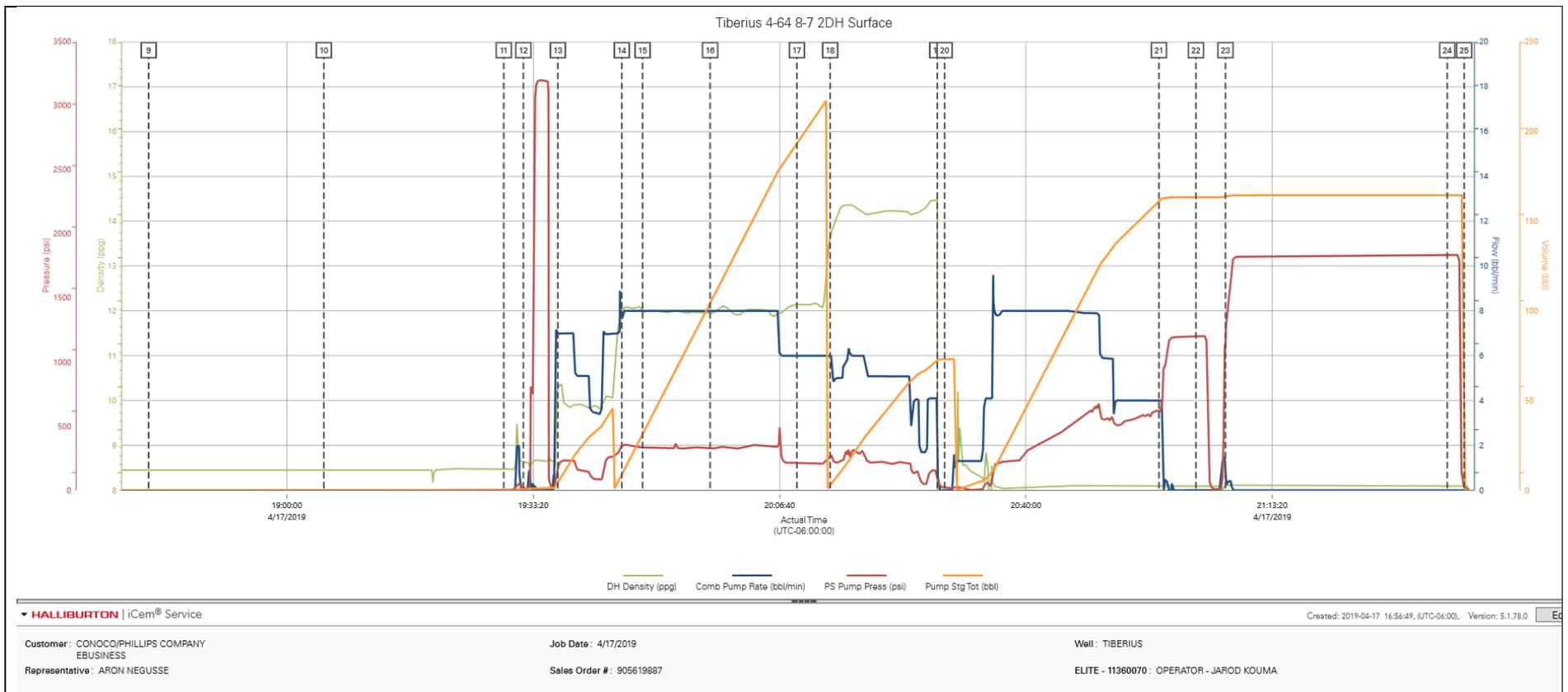
2.1 Job Event Log

Type	Seq. No.	Activity	Graph Label	Date	Time	Source	DH Density (ppg)	Comb Pump Rate (bbl/min)	PS Pump Press (psi)	Comments
Event	1	Shutdown	Shutdown	4/10/2019	20:27:00	USER				Finished pumping cement
Event	2	Call Out	Call Out	4/17/2019	02:00:00	USER				For Location @ 14:00
Event	3	Depart from Service Center or Other Site	Depart from Service Center or Other Site	4/17/2019	03:00:00	USER				Called Journey
Event	4	Arrive at Location from Service Center	Arrive at Location from Service Center	4/17/2019	04:00:00	USER				39 MILES. DISCUSS NUMBERS AND PROCEDURE WITH CUSTOMER. RIG IS DRILLING.
Event	5	Safety Meeting - Pre Rig-Up	Safety Meeting - Pre Rig-Up	4/17/2019	14:10:00	USER				JSA to discuss the hazards of rig-up
Event	6	Rig-Up Equipment	Rig-Up Equipment	4/17/2019	14:20:00	USER				Rig-up all surface lines and equipment up to the Buffer zone
Event	7	Casing on Bottom	Casing on Bottom	4/17/2019	18:15:00	USER				Landing joint brought to floor and landed
Event	8	Circulate Well	Circulate Well	4/17/2019	18:30:00	USER	8.45	0.00	-6.00	RIG UP CEMENT HEAD AND MANIFOLD FOR RIG TO CIRCULATE.
Event	9	Start Job	Start Job	4/17/2019	18:41:18	COM4	8.45	0.00	-6.00	
Event	10	Pre-Job Safety Meeting	Pre-Job Safety Meeting	4/17/2019	19:05:00	USER	8.45	0.00	1.00	With all Personnel, to discuss the hazards of pumping the job, and pump schedule.
Event	11	Start Job	Start Job	4/17/2019	19:29:21	COM4	8.47	0.00	4.00	
Event	12	Test Lines	Test Lines	4/17/2019	19:32:00	USER	8.62	0.00	19.00	Test lines @ 3180 psi
Event	13	Pump Spacer	Pump Spacer	4/17/2019	19:36:41	USER	10.38	7.00	180.00	BATCH/ WEIGHT/ PUMP 50 BBLS OF SPACER @ 10 PPG.
Event	14	Pump Lead Cement	Pump Lead Cement	4/17/2019	19:45:19	USER	12.00	8.00	339.00	BATCH/ WEIGHT/PUMP 455 sks(207.5 bbls) of Lead Swiftcem @ 12.0 ppg, verified with pressurized scales
Event	15	Check Weight	Check Weight	4/17/2019	19:48:08	COM4	11.98	8.00	330.00	

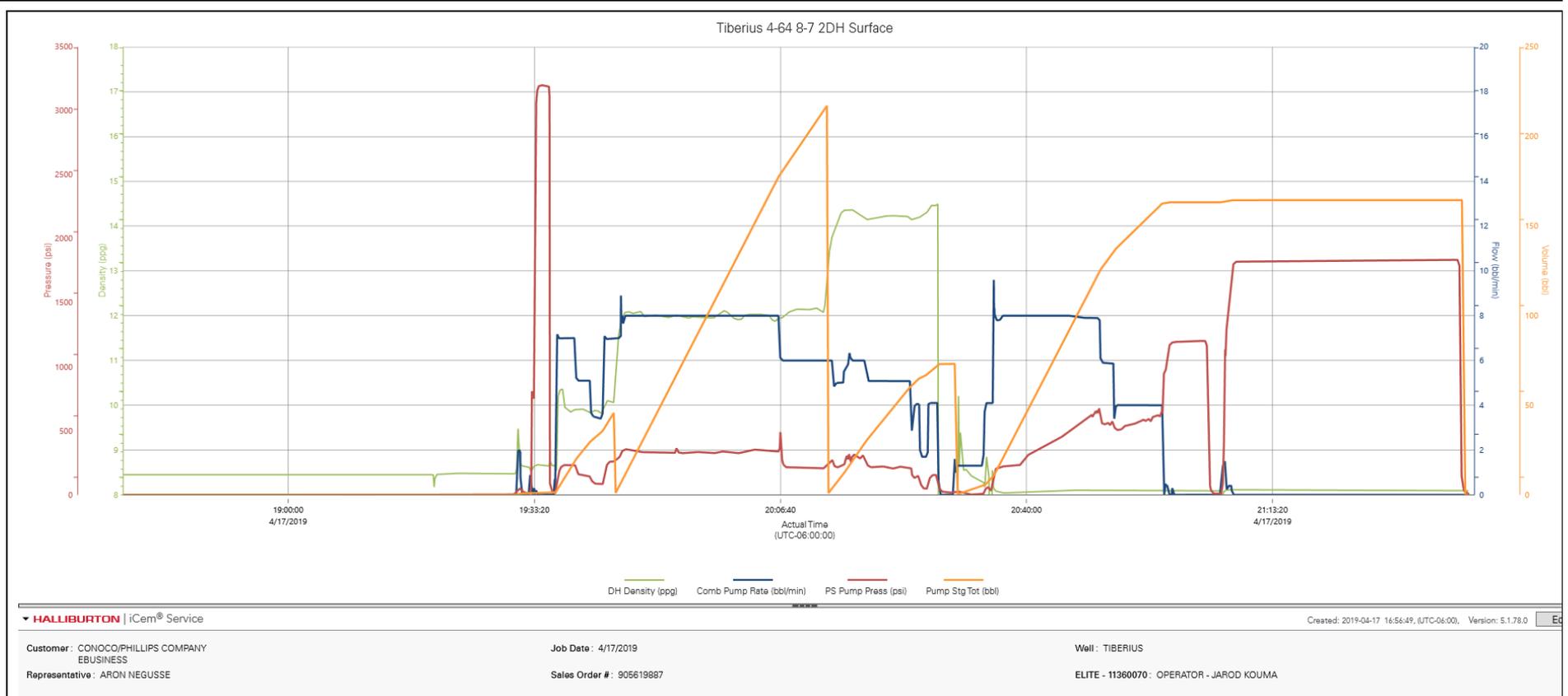
Event	16	Check Weight	Check Weight	4/17/2019	19:57:16	COM4	11.95	8.00	336.00	
Event	17	Drop Bottom Plug	Drop Bottom Plug	4/17/2019	20:09:00	USER	12.15	6.00	210.00	DROP BOTTOM PLUG @ 45 BBLS INTO SPACER
Event	18	Pump Tail Cement	Pump Tail Cement	4/17/2019	20:13:31	USER	13.61	6.00	257.00	BATCH/WEIGHT/PUMP 255 SKS (72.2 BBLS) OF TAIL CEMENT @ 14.2 PPG.
Event	19	Drop Top Plug	Drop Top Plug	4/17/2019	20:28:00	USER	14.49	4.10	96.00	Pre-loaded top plug in plug container verified by customer rep.
Event	20	Pump Displacement - Start	Pump Displacement - Start	4/17/2019	20:29:00	USER	-0.11	0.00	20.00	156.8 bbls fresh water. Washing up on top of the plug.
Event	21	Bump Plug	Bump Plug	4/17/2019	20:58:00	USER	8.09	4.00	639.00	@500 psi over final circulating pressure of 670 psi
Event	22	Check Floats	Check Floats	4/17/2019	21:03:00	USER	8.10	0.00	1201.00	Floats held. 1 bbls back
Event	23	Event	Event	4/17/2019	21:07:00	USER	8.11	1.50	1140.00	PRESSURE UP 1800 PSI FOR 30 MIN CASING TEST.
Event	24	Event	Event	4/17/2019	21:37:00	USER	8.11	0.00	1836.00	BLEED OFF PRESSURE.
Event	25	End Job	End Job	4/17/2019	21:39:17	COM4	8.10	0.00	27.00	
Event	26	Pre-Rig Down Safety Meeting	Pre-Rig Down Safety Meeting	4/17/2019	21:45:00	USER				JSA to discuss the hazards of rig-down

3.0 Attachments

3.1 Tiberius 4-64 8-7 2DH Surface – Job Chart with Events



3.2 Tiberius 4-64 8-7 2DH Surface – Job Chart without Events



HALLIBURTON

iCem[®] Service

CONOCO/PHILLIPS COMPANY EBUSINESS

For: Aron Negusse

Date: Wednesday, April 24, 2019

Tiberius

Conoco Tiberius 4-64 8-7 2DH

Job Date: Wednesday, April 24, 2019

Sincerely,

Nick Kornafel & cREW

Legal Notice

Disclaimer:

All information in this report is provided subject to the terms and conditions which govern the services provided by Halliburton. Halliburton personnel use their best efforts in gathering information and their best judgment in interpreting it, but any interpretation, research, analysis or recommendation furnished by Halliburton are opinions based upon inferences from measurements and empirical relationships and assumptions, which inferences and empirical relationships and assumptions are not infallible, and with respect to which professionals in the industry may differ. iCem 3D Displacement results are used to understand how fluids intermix during a cement job. Simulation and 3D displacement results are not intended as and should not be used as a replacement for bond logs in determining top of cement. Current 3D model calculations are known to model more volume than the input volume for standard cases due to known calculation improvements required. For rotational cases, the modeled volume will be impacted by the same calculations impacting the standard cases, as well as additional constraints imposed to make the calculation time required operationally feasible. Therefore, until further notice, 3D displacement results should not be used for replacement of a bond log, or used as an identifier of top of cement. HALLIBURTON IS UNABLE TO GUARANTEE THE ACCURACY OF ANY CHART INTERPRETATION, RESEARCH ANALYSIS, OR JOB RECOMMENDATION and any interpretation or recommendation is not for use of or reliance upon by any third party. The customer has full responsibility for any of its decisions which are based on the information provided in this report.

Table of Contents

Cementing Job Summary	Error! Bookmark not defined.
Executive Summary	Error! Bookmark not defined.
Real-Time Job Summary	Error! Bookmark not defined.
Job Event Log	Error! Bookmark not defined.
Attachments.....	10
Conoco Tiberius 4-64 8-7 2DH-Custom Results.png	Error! Bookmark not defined.

1.0 Cementing Job Summary

1.1 Executive Summary

Halliburton appreciates the opportunity to perform the cementing services on the cement casing job. A pre-job safety meeting was held before the job where details of the job were discussed, potential safety hazards were reviewed, and environmental compliance procedures were outlined.

Approximately 12 bbls of spacer were returned to surface.

Halliburton maintains a continuous quality improvement process and appreciates any comments or suggestions that you may have. Halliburton again thanks you for the opportunity to perform service work on this well. We hope to be your solutions provider for future projects.

Respectfully,

Halliburton Fort Lupton

The Road to Excellence Starts with Safety

Sold To #: 352431	Ship To #: 3890170	Quote #: 0022566701	Sales Order #: 0905639588
Customer: CONOCO/PHILLIPS COMPANY-EBUS		Customer Rep: Aron Negusse	
Well Name: TIBERIUS	Well #: 4-64 8-7 2DH	API/UWI #: 05-005-07370-00	
Field: WILDCAT	City (SAP): AURORA	County/Parish: ARAPAHOE	State: COLORADO
Legal Description: SW NE-8-4S-64W-1586FNL-1502FEL			
Contractor:		Rig/Platform Name/Num: Nabors B16	
Job BOM: 7523 7523			
Well Type: HORIZONTAL OIL			
Sales Person: HALAMERICA/HB41307		Srvc Supervisor: Nikolaus Kornafel	

Job

Formation Name			
Formation Depth (MD)	Top		Bottom
Form Type			BHST
Job depth MD	17970ft		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		9.625	8.921	36	STC	J-55	0	2069		0
Casing		5.5	4.778	20	TXP-BTC	P-110	0	17970		0
Open Hole Section			8.5				2069	17981	0	0

Tools and Accessories

Type	Size in	Qty	Make	Depth ft	Type	Size in	Qty	Make
Guide Shoe	5.5	1		17970	Top Plug	5.5		
					Bottom Plug	5.5		HES
Float Collar	5.5	1		17879	Plug Container	5.5	1	HES
					Centralizers	5.5		

Fluid Data

Stage/Plug #: 1									
Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft/sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal
1	Tuned Spacer	Tuned Spacer III	60	bbl	10.5	6.71	42.9	5	2153

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	Lead Cement	ELASTICEM (TM) SYSTEM	830	sack	13.2	1.57	7.54	8	6258	
3	Tail Cement	ECONOCEM (TM) SYSTEM	1535	sack	13.5	1.79	8.74	6	13,415	
4	MMCR Displacement	MMCR Displacement	20	bbl	8.34			8		
5	Water	Water	379	bbl	8.33			8		
Cement Left In Pipe		Amount	91 ft		Reason			Shoe Joint		
Mix Water:		pH 7	Mix Water Chloride:		0 ppm		Mix Water Temperature:			54 °F
Cement Temperature:			Plug Displaced by:		8.33 lb/gal		Disp. Temperature:			54 °F
Plug Bumped?		Yes	Bump Pressure:		2560 psi		Floats Held?			Yes
Cement Returns:			Returns Density:				Returns Temperature:			
Comment PUMPED 60 BBLS OF TUNED SPACER FOLLOWED BY 232 BBLS OF LEAD CEMENT FOLLOWED BY 489 BBLS OF TAIL CEMENT, DISPLACED BY 399 BBLS OF FRESH WATER DISPLACEMENT, PLUG BUMPED AT CALCULATED DISPLACEMENT. 12 BBLS OF SPACER BACK TO SURFACE. CHECKED FLOATS, FLOATS HELD, 5BBLS BACK										

2.0 Real-Time Job Summary

2.1 Job Event Log

Type	Seq. No.	Activity	Graph Label	Date	Time	Source	DH Density <i>(ppg)</i>	Comb Pump Rate <i>(bbl/min)</i>	DS Pump Press <i>(psi)</i>	Pump Stg Tot <i>(bbl)</i>	Comments
Event	1	Event	Callout	4/23/2019	15:00:00	USER					O/L time 22:00. verify equipment and materials before leaving the yard
Event	2	Safety Meeting	Safety Meeting	4/23/2019	20:00:00	USER					Pre-trip safety meeting and then depart in route to location. Journey called in and approved.
Event	3	Event	Meet with customer representative	4/23/2019	21:30:00	USER					. MEET WITH CO. MAN TO DISCUSS JOB; SURFACE CASING- 9.625" 36 LB/FT @ 2,069, 5.5" CASING: 20 LB/FT TOTAL 17,970', 8.5" HOLE, TD 17,981', SHOE TRAC- 91', TVD- 6,800'. PUMP FRESH WATER DISPLACEMENT 399 BBLS. CASING LANDED @ 23:00 04/23/2019. RIG CIRCULATED BOTTOMS UP.
Event	4	Safety Meeting	Location Safety Meeting	4/24/2019	00:30:00	USER	8.48	0.00	-9.00	0.00	Assessment of location, and pre rig up risks and hazards.
Event	5	Safety Meeting - Pre Job	Safety Meeting - Pre Job	4/24/2019	01:00:00	USER	8.48	0.00	-7.00	0.00	discuss job procedure and hazards with Halliburton staff and 3rd party employees
Event	6	Start Job	Start Job	4/24/2019	01:34:36	COM5	8.47	0.00	-7.00	0.00	BEGIN RECORDING JOB DATA.

Event	7	Test Lines	Test Lines	4/24/2019	02:40:04	COM5	8.29	0.00	89.00	2.60	PRESSURE TESTED IRON TO 5,000 PSI. KICKOUTS SET @ 500 PSI, KICKED OUT @ 900 PSI, 5TH GEAR STALL OUT @ 2,100 PSI.
Event	8	Pump Spacer 1	Pump Spacer 1	4/24/2019	02:47:23	COM5	8.27	0.00	11.00	0.00	PUMP 60 BBLS OF TUNED SPACER @ 10.5 LB/GAL, 6.71 FT3/SK, 42.90 GAL/SK 10 GALLONS D-AIR. DENSITY VERIFIED BY PRESSURIZED MUD SCALES. PUMP RATE 5 BBLS/MIN @ 440 PSI.
Event	9	Check Weight	Check Weight	4/24/2019	02:52:00	COM5	10.69	4.50	447.00	17.50	
Event	10	Drop Bottom Plug	Drop Bottom Plug	4/24/2019	02:59:33	COM5	10.73	4.00	320.00	48.90	BOTTOM PLUG DROPPED BY HES SUPERVISOR, WITNESSED BY COMPANY MAN
Event	11	Pump Lead Cement	Pump Lead Cement	4/24/2019	03:03:02	COM5	11.54	0.00	80.00	62.20	PUMPED 830 SKS OF ELASTICEM @ 13.2 LB/GAL, 1.57 FT3/SK, 7.54 GAL/SK. 232 BBLS, HOL @ 4568' TOL @ 1466' SURFACE. DENSITY VERIFIED BY PRESSURIZED MUD SCALES. PUMP RATE 8 BBLS/MIN @ 480 PSI.
Event	12	Check Weight	Check Weight	4/24/2019	03:05:36	COM5	11.29	0.00	5.00	0.00	
Event	13	Pump Tail Cement	Pump Tail Cement	4/24/2019	03:43:32	COM5	13.01	8.00	424.00	0.10	PUMP 1,535 SKS OF ECONOCEM @ 13.2 LB/GAL, 1.79 FT3/SK, 8.74 GAL/SK, 489 BBLS. HOT CALCULATED @ 11936', TOT CALCULATED @ 6,034. DENSITY VERIFIED BY PRESSURIZED MUD SCALES. PUMP RATE 8 BBLS/MIN @ 450 PSI.
Event	14	Check Weight	Check Weight	4/24/2019	03:50:05	COM5	13.61	8.00	487.00	52.40	

Event	15	Check Weight	Check Weight	4/24/2019	04:40:31	COM5	13.53	8.00	484.00	455.80	
	16	Shutdown	Shutdown	4/24/2019	04:57:48	COM5	14.10	0.00	106.00	573.30	SHUTDOWN AFTER FINISHED PUMPING CEMENT
Event	17	Drop Top Plug	Drop Top Plug	4/24/2019	05:09:27	COM5	8.27	0.00	38.00	584.30	TOP PLUG DROPPED BY HES SUPERVISOR, WITNESSED BY COMPANY MAN
Event	18	Pump Displacement	Pump Displacement	4/24/2019	05:09:31	COM5	8.23	0.00	25.00	0.00	BEGIN CALCULATED DISPLACEMENT OF 399 BBLS WITH FRESH WATER. MMCR AND BIOCIDES POURED THROUGHOUT
Event	19	Bump Plug	Bump Plug	4/24/2019	06:09:52	COM5	8.29	0.00	3515.00	408.20	PLUG BUMPED AT CALCULATED DISPLACEMENT. 2670 PSI PRESSURED UP 1000 PSI OVER FINAL CIRCULATING PRESSURE.
Event	20	End Job	End Job	4/24/2019	06:17:24	COM5	8.28	0.00	23.00	0.00	HELD PRESSURE FOR 5 MINUTES. RELEASED PRESSURE, FLOATS HELD, 5 BBLS BACK.
Event	21	Pre-Rig Down Safety Meeting	Post-Job Safety Meeting (Pre Rig-Down)	4/24/2019	06:30:00	USER					Pre-rig down safety meeting discussing hazards.
Event	22	Crew Leave Location	Depart Location Safety Meeting	4/24/2019	10:00:00	USER					Travel risks assessed and discussed. called in a journey and had it approved

3.0 Attachments

3.1 Conoco Tiberius 4-64 8-7 2DH-Custom Results.png

