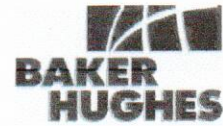


# CEMENT JOB REPORT



<b>CUSTOMER</b> WHITING OIL & GAS CORP XM		<b>DATE</b> 25-MAR-16	<b>F.R. #</b> 10011195595		<b>SERV. SUPV.</b> VITALIJS A NEVERDASOV	
<b>LEASE &amp; WELL NAME</b> HORSETAIL #07F-1839 - API 05123417710000		<b>LOCATION</b> 7-10N-57W		<b>COUNTY-PARISH-BLOCK</b> Weld Colorado		
<b>DISTRICT</b> Brighton		<b>DRILLING CONTRACTOR RIG #</b> Unit 406		<b>TYPE OF JOB</b> Surface		

SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	MECHANICAL BARRIERS	MD	TVD	HANGER TYPES	MD	TVD
9-5/8" Top Cem Plug, Nitrile cvr, Phe	Float Collar, Auto Fill, 9-5/8 - 8rd	NONE	0	0	NONE	0	0
	Float Shoe 9-5/8 - 8rd						
	Centralizer, with Pins, 9-5/8 in						
	Cement Basket, Slip On, 9-5/8 in						

PHYSICAL SLURRY PROPERTIES								
MATERIALS FURNISHED BY BJ	LAB REPORT NO.	SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT <sup>3</sup>	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
Fresh Water	N/A	0	8.34	0	0	00:00	20	
Type III Cement + Addis	C03-027-16	876	14.5	1.39	6.78	02:31	217.52	141.50
Fresh Water	N/A	0	8.34	0	0	00:00	152.3	
Available Mix Water 800 Bbl. Available Displ. Fluid 500 Bbl. TOTAL							389.82	141.50

HOLE			TBG-CSG-D.P.					COLLAR DEPTHS				
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE
13.5	25	2026	8.921	9.625	36	CSG	2014	2014	J-55	2014	1970	1

LAST CASING			PKR-CMT RET-BR PL-LINER			PERF. DEPTH			TOP CONN		WELL FLUID		
ID	OD	WGT	TYPE	MD	TVD	BRAND & TYPE	DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.
15.	16	65		80	80	NO PACKER	0	0	0	9.625	8RND	FRESH WATER	8.5

DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI		MAX CSG PSI		MIX WATER
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator	RATED	Operator	RIG TANK
152	BBLS	Fresh Water	8.34	630	0	0	0	0	2816	1500	

### Circulation Prior to Job

Circulated Well: Rlg ☒ BJ ☐      Circulation Time: .5      Circulation Rate: 5 BPM  
Mud Density In: 8.5 LBS/GAL      Mud Density Out: 8.5 LBS/GAL      PV & YP Mud In: 0      PV & YP Mud Out: 0  
Gas Present: NO ☒ YES ☐      Units:      Solids Present at End of Circulation: NO ☒ YES ☐

### Displacement And Mud Removal

Displaced By: Rlg ☐ BJ ☒      Amount Bled Back After Job: 1.5 BBLS  
Returns During Job: ☐ NONE ☐ PARTIAL ☒ FULL      Method Used to Verify Returns: VISUAL  
Cement Returns at Surface: ☒ YES ☐ NO      Were Returns Planned at Surface: ☐ NO ☒ YES  
Pipe Movement: ☐ ROTATION ☐ RECIPROCATION ☐ NONE ☐ UNABLE DUE TO STUCK PIPE  
Centralizers: ☐ NO ☒ YES      Quantity: 17      Type: ☐ BOW ☐ RIGID  
Job Pumped Through: ☐ CHOKE MANIFOLD ☐ SQUEEZE MANIFOLD ☒ MANIFOLD ☐ NO MANIFOLD

### Plugs

Number of Attempts by BJ: 0      Competition: 0      Wiper Balls Used: ☒ NO ☐ YES      Quantity:  
Plug Catcher Used: ☒ NO ☐ YES      Parabow Used: ☒ NO ☐ YES  
Was There a Bottom: ☒ NO ☐ YES      Top of Plug: 0 FT      Bottom of Plug: 0 FT

### Squeezes (Update Original Treatment Report for Primary Job)

BLOCK SQUEEZE ☐      SHOE SQUEEZE ☐      TOP OF LINER SQUEEZE ☐      PLANNED ☐ UNPLANNED ☐  
Liner Packer: ☒ NO ☐ YES      Bond Log: ☒ NO ☐ YES      PSI Applied: 0      Fluid Weight: 0 LBS/GAL

### Casing Test (Update Original Treatment Report for Primary Job)

Casing Test Pressure: 0 PSI      With 0 LBS/GAL      Mud      Time Held: 00 Hours 00 Minutes

**EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING-NONE**



# CEMENT JOB REPORT



## Shoe Test (Update Original Treatment Report for Primary Job)

Depth Drilled out of Shoe: 0 FT Target EMW: 0 LBS/GAL Actual EMW: 0 LBS/GAL  
 Number of Times Tests Conducted: 0 Mud Weight When Test was Conducted: 0 LBS/GAL

Problems Before Job (I.E. Running Casing, Circulating Well, ETC)  
 NONE

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)  
 NONE

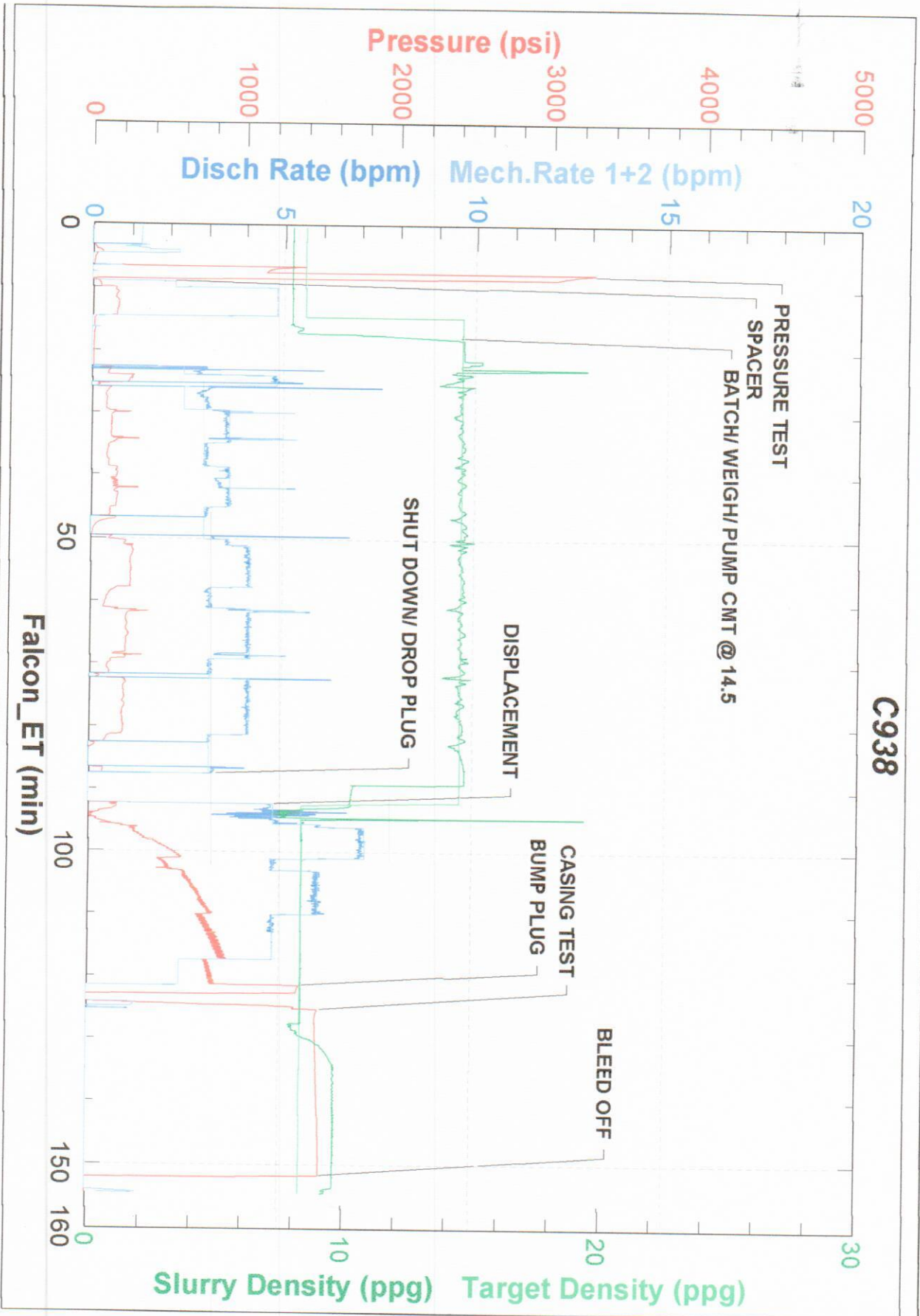
Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC)  
 NONE

PRESSURE/RATE DETAIL						EXPLANATION	
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>	
	PIPE	ANNULUS				TEST LINES 3285 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
11:00	0	0	0	0	N/A	YARD CALL	
12:14	0	0	0	0	N/A	LEAVE DISTRICT	
14:53	0	0	0	0	N/A	ARRIVE ON LOCATION, 106 MILES/ CASING CREW IS RIGGING UP/ CEMENT CREW IS ON STAND BY	
17:58	0	0	0	0	N/A	SPOT TRUCKS/ RIG UP SAFETY MEETING	
18:30	0	0	0	0	N/A	PRE JOB SAFETY MEETING	
19:47	52	0	2	2	H2O	LOAD LINE	
19:50	3285	0	.8	.1	H2O	PRESSURE TEST	
19:53	154	0	4.8	20	H2O	FRESH WATER + DYE	
20:05	274	0	4	209	CMT	BATCH/ WEIGH/ PIMP 876 SX OF CEMENT @ 14.5 PPG	
21:11	0	0	0	0	N/A	SHUT DOWN/ DROP PLUG	
21:16	632	0	7.2	50	H2O	DISPLACEMENT	
22:25	812	0	6	50	H2O	SLOW RATE	
21:34	871	0	4.8	35	H2O	SLOW RATE	
21:41	823	0	2.4	17	H2O	SLOW RATE	
21:45	1375	0	0	152	H2O	BUMP PLUG	
21:46	0	0	0	0	N/A	CHECK FLOATS	
21:49	1504	0	1	1	H2O	CASING TEST	
22:18	0	0	0	0	N/A	BLEED OFF PRESSURE	
22:25	0	0	0	0	N/A	RIG DOWN SAFETY MEETING	

BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT	Service Supervisor Signature:
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	823	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	102	381	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	



Baker Hughes JobMaster Program Version 4.02  
Job Number: 10011195595  
Customer: WHITING  
Well Name: HORSETAIL 07F-1839





# Load Sheet



DISTRICT Brighton

DISPATCH SHEET NO.

WELL NAME HORSETAIL #07F-1839

CUSTOMER WHITING OIL & GAS CORP XML

BRANCH BULK PLANT PP, BRIGHTON

FIELD RECEIPT NO.10011195595

JOB DATE MAR-25-2016

FIELD RECEIPT DATE MAR-25-2016

PRODUCT DESCRIPTION

ITEM NO.

UOM

ORDERED

QUANTITY

LOADED/  
BLENDED

RETURNED

NET  
USAGE

VERIFIED  
TO FIELD  
RECEIPT

Calcium Chloride

100112

lbs

506

506

0

506

Cello Flake

100295

lbs

219

219

0

219

FP-6L

100404

lbs

100

100

0

100

Granulated Sugar

488019

gals

9

10

0

10

Static Free

499632

lbs

100

50

0

50

Type III Cement

499680

lbs

71

71

0

71

9-5/8" Top Cem Plug, Nitrile cvr, Phen

499703

sacks

876

876

0

876

86720-1

ea

1

0

0

0

COMMENTS:

ISSUED BY

RYAN SULLIVAN

RECEIVED TO LOCATION VITALI NEVERDASOV

SERVICE SUPERVISOR

DATE MAR-24-2016

DATE MAR-25-2016

RETURNS VERIFIED BY

APPROVAL

ERIC HARBIN

OPERATIONS SUPERVISOR

DATE

CUSTOMER SIGNATURE