

# CEMENT JOB REPORT



<b>CUSTOMER</b> EXTRACTION OIL AND GAS		<b>DATE</b> 07-JAN-16		<b>F.R. #</b> 1001188964		<b>SERV. SUPV.</b> ERIC S DEWIT	
<b>LEASE &amp; WELL NAME</b> JOHNSON TRUST #3 - API 05123423140000		<b>LOCATION</b> 13-2N-68W		<b>COUNTY-PARISH-BLOCK</b> Weld Colorado			
<b>DISTRICT</b> Brighton		<b>DRILLING CONTRACTOR RIG #</b>		<b>TYPE OF JOB</b> Surface			
<b>SIZE &amp; TYPE OF PLUGS</b>	<b>LIST-CSG-HARDWARE</b>	<b>MECHANICAL BARRIERS</b>		<b>MD</b>	<b>TVD</b>	<b>HANGER TYPES</b>	<b>MD</b> <b>TVD</b>
Cement Plug, Rubber, Top 9-5/8 in	Centralizer, with Pins, 9-5/8 in						
	Float Collar, Auto Fill, 9-5/8 - 8rd						
	Float Shoe 9-5/8 - 8rd						
<b>MATERIALS FURNISHED BY BJ</b>		<b>LAB REPORT NO.</b>		<b>PHYSICAL SLURRY PROPERTIES</b>			
		<b>SACKS OF CEMENT</b>	<b>SLURRY WGT PPG</b>	<b>SLURRY YLD FT<sup>3</sup></b>	<b>WATER GPS</b>	<b>PUMP TIME HR:MIN</b>	<b>Bbl SLURRY</b> <b>Bbl MIX WATER</b>
Fresh Water + Dye		0	8.34	0	0		10
Surface Cement		700	14.5	1.40	6.80		174.53 113.69
Fresh Water		0	8.34	0	0		116.74
<b>Available Mix Water</b> 200 <b>Bbl.</b>		<b>Available Displ. Fluid</b> 200 <b>Bbl.</b>		<b>TOTAL</b>		301.27 113.69	
<b>HOLE</b>		<b>TBG-CSG-D.P.</b>				<b>COLLAR DEPTHS</b>	
<b>SIZE</b>	<b>% EXCESS</b>	<b>DEPTH</b>	<b>ID</b>	<b>OD</b>	<b>WGT.</b>	<b>TYPE</b>	<b>MD</b> <b>TVD</b> <b>GRADE</b> <b>SHOE</b> <b>FLOAT</b> <b>STAGE</b>
13.5	20	1550	8.921	9.625	36	CSG	1550 1550 J-55
<b>LAST CASING</b>		<b>PKR-CMT RET-BR PL-LINER</b>		<b>PERF. DEPTH</b>		<b>TOP CONN</b> <b>WELL FLUID</b>	
<b>ID</b>	<b>OD</b>	<b>WGT</b>	<b>TYPE</b>	<b>MD</b>	<b>TVD</b>	<b>BRAND &amp; TYPE</b>	<b>DEPTH</b> <b>TOP</b> <b>BTM</b> <b>SIZE</b> <b>THREAD</b> <b>TYPE</b> <b>WGT.</b>
						No Packer	0 9.625 8RND WATER BASED 8.7
<b>DISPL. VOLUME</b>		<b>DISPL. FLUID</b>		<b>CAL. PSI</b>	<b>CAL. MAX PSI</b>	<b>OP. MAX</b>	<b>MAX TBG PSI</b> <b>MAX CSG PSI</b> <b>MIX WATER</b>
<b>VOLUME</b>	<b>UOM</b>	<b>TYPE</b>	<b>WGT.</b>	<b>BUMP PLUG</b>	<b>TO REV.</b>	<b>SQ. PSI</b>	<b>RATED</b> <b>Operator</b> <b>RATED</b> <b>Operator</b>
112.9	BBLS	Fresh Water	8.34	483	0	0	0 0 2816 1500 Upright tank
<b>Circulation Prior to Job</b>							
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 2.5 Circulation Rate: 5 BPM			
Mud Density In: 8.7 LBS/GAL Mud Density Out: 8.7 LBS/GAL				PV & YP Mud In: 8 PV & YP Mud Out: 8			
Gas Present: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> Units:				Solids Present at End of Circulation: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>			
<b>Displacement And Mud Removal</b>							
Displaced By: Rig <input type="checkbox"/> BJ <input checked="" type="checkbox"/>				Amount Bled Back After Job: .5 BBLS			
Returns During Job: <input type="checkbox"/> NONE <input type="checkbox"/> PARTIAL <input checked="" type="checkbox"/> FULL				Method Used to Verify Returns: Visual			
Cement Returns at Surface: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO				Were Returns Planned at Surface: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES			
Pipe Movement: <input type="checkbox"/> ROTATION <input type="checkbox"/> RECIPROICATION <input checked="" type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE							
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES				Quantity: 2		Type: <input type="checkbox"/> BOW <input type="checkbox"/> RIGID	
Job Pumped Through: <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input checked="" type="checkbox"/> MANIFOLD <input type="checkbox"/> NO MANIFOLD							
<b>Plugs</b>							
Number of Attempts by BJ: 0 Competition: 0				Wiper Balls Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES Quantity:			
Plug Catcher Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				Parabow Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES			
Was There a Bottom: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				Top of Plug: 0 FT Bottom of Plug: 0 FT			
<b>Squeezes (Update Original Treatment Report for Primary Job)</b>							
BLOCK SQUEEZE <input type="checkbox"/> SHOE SQUEEZE <input type="checkbox"/> TOP OF LINER SQUEEZE <input type="checkbox"/> PLANNED <input type="checkbox"/> UNPLANNED <input type="checkbox"/>							
Liner Packer: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				Bond Log: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES PSI Applied: 0 Fluid Weight: 0 LBS/GAL			
<b>Casing Test (Update Original Treatment Report for Primary Job)</b>							
Casing Test Pressure: 0 PSI With 0 LBS/GAL Mud				Time Held: 00 Hours 00 Minutes			
<b>EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: None</b>							
<b>PRESSURE/RATE DETAIL</b>				<b>EXPLANATION</b>			

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## 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

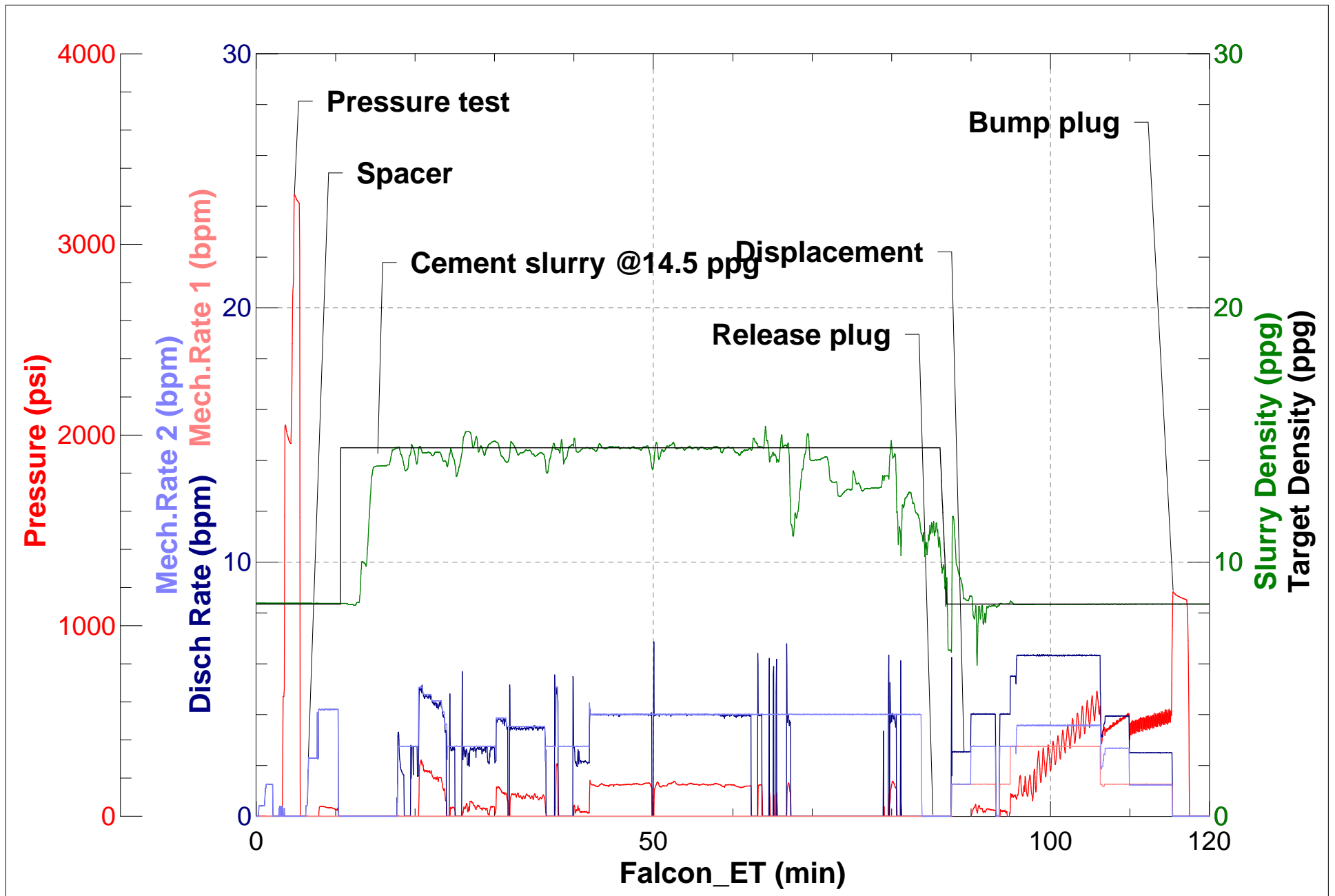
Problems Before Job (I.E. Running Casing, Circulating Well, ETC)  
 None

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)  
 We had a problem with auto water valve on pump, we were unable to close it. This caused too much water to go to the tub while mixing cement.  
 Due to this we decided to circulate the cement out of the hole and call for a new pump.

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	3261 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
12:20	0	0	0	0	N/A	Leave yard	
12:50	0	0	0	0	N/A	Arrive on location (17 miles) Rig is pulling drill pipe	
13:15	0	0	0	0	N/A	Spot trucks	
13:20	0	0	0	0	N/A	Pre rig up safety meeting	
15:00	0	0	0	0	N/A	Rig starts running casing	
18:30	0	0	0	0	N/A	Pre job safety meeting	
18:54	0	0	1.6	2	H2O	Load pumps and lines	
18:56	3440	0	0	0	H2O	Pressure test pumps and lines	
19:01	98	0	4.8	15	H2O	Fresh water + Dye spacer	
19:07	0	0	0	0	CMT	Batch, and weigh cement @14.5 ppg	
19:43	0	0	0	0	N/A	Had to call for another pump, because the auto water valve on our pump was in the open position and we could not get it to close. This caused our tub to fill faster than we were able to pump.	
19:11	0	0	2.8	10	CMT	Attempt to pump cement (pumped about 15 bbls before deciding to get another pump)	
21:20	0	0	0	0	N/A	New pump arrives	
21:25	0	0	0	0	N/A	Rig up new pump	
21:45	0	0	1.2	2	H2O	Load pumps and lines	
21:47	3261	0	0	0	H2O	Pressure test pumps and lines	
21:51	167	0	4.2	15	H2O	Fresh water + Dye spacer	
21:57	0	0	0	0	CMT	Batch, and weigh cement @14.5	
22:03	232	0	3.4	152	CMT	Pump 640 sacks of Type III Cement + Adds	
23:10	0	0	0	0	N/A	Shut down wash up pump and release the plug	
23:12	199	0	6.3	0	H2O	Send plug start displacement	
23:31	456	0	3.4	90	H2O	Drop rate	
23:34	428	0	2.5	105	H2O	Drop rate	
23:39	1163	0	0		H2O	Bump plug (9 bbls of cement to surface)	
23:41	0	0	0	0	H2O	Check floats (floats held)	
23:45	0	0	0	0	N/A	Pre rig down safety meeting	
01:20	0	0	0	0	N/A	Leave location	
	0	0	0	0	N/A	Arrive back at the yard	

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	528	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	9	318	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	





FIELD RECEIPT NO. 10011188964

CUSTOMER EXTRACTION OIL AND GAS					CREDIT APPROVAL NO.	PURCHASE ORDER NO.		CUSTOMER NUMBER 0040141772 - 0040141772		INVOICE NUMBER
MAIL INVOICE TO		STREET OR BOX NUMBER 1888 SHERMAN STREET, SUITE 500				CITY DENVER		STATE Colorado	ZIP CODE 80203	
DATE WORK COMPLETED	MO. 01	DAY 07	YEAR 2016	BHI REPRESENTATIVE ERIC S DEWIT		WELL API NO: 05123423140000		WELL TYPE : New Well		
DISTRICT PP, BRIGHTON				JOB DEPTH (ft) 1,555		WELL CLASS : Oil				
WELL NAME AND NUMBER JOHNSON TRUST #3				TD WELL DEPTH (ft) 1,585		GAS USED ON JOB : No Gas				
WELL LOCATION :		LEGAL DESCRIPTION 13-2N-68W			COUNTY/PARISH Weld		STATE Colorado		JOB TYPE CODE : Surface	
PRODUCT CODE	DESCRIPTION				UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT
100112	Calcium Chloride				lbs	300	1.290	387.00	70%	116.10
100112	Calcium Chloride				lbs	330	1.290	425.70	75%	106.43
100295	Cello Flake				lbs	106	5.100	540.60	75%	135.15
100404	Sodium Chloride				lbs	100	0.520	52.00	70%	15.60
488019	FP-6L				gals	10	104.250	1,042.50	75%	260.63
499632	Granulated Sugar				lbs	50	3.840	192.00	75%	48.00
499680	Static Free				lbs	56	40.700	2,279.20	75%	569.80
499703	Type III Cement				sacks	700	31.700	22,190.00	75%	5,547.50
	SUB-TOTAL FOR Product Material							27,109.00	74.92%	6,799.21
VP001	Cement Svcs Surf Equip 50 miles or less				ea	1	4,775.000	4,775.00	0%	4,775.00
	SUB-TOTAL FOR Equipment							4,775.00	0%	4,775.00
M9985	Additionl hours over 4 hours				ea	4	750.000	3,000.00	0%	3,000.00
	SUB-TOTAL FOR Freight/Delivery Charges							3,000.00	0%	3,000.00
ARRIVE LOCATION :	MO. 01	DAY 07	YEAR 2016	TIME 12:50	SERVICE ORDER: I AUTHORIZE WORK TO BEGIN PER SERVICE INSTRUCTIONS IN ACCORDANCE WITH THE TERMS AND CONDITIONS PRINTED ON THE LAST PAGE OF THIS FORM AND REPRESENT THAT I HAVE AUTHORITY TO ACCEPT AND SIGN THIS ORDER.				SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.	
CUSTOMER REP. Larry				CUSTOMER AUTHORIZED AGENT X						
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS				BHI APPROVED X						
					CUSTOMER AUTHORIZED AGENT					



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WELL NAME AND NUMBER JOHNSON TRUST #3					TD WELL DEPTH (ft) 1,585			GAS USED ON JOB : No Gas					
WELL LOCATION :		LEGAL DESCRIPTION 13-2N-68W			COUNTY/PARISH Weld		STATE Colorado		JOB TYPE CODE : Surface				
PRODUCT CODE		DESCRIPTION				UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT		
		FIELD ESTIMATE							34,884.00	58.22%	14,574.21		
ARRIVE LOCATION :		MO. 01	DAY 07	YEAR 2016	TIME 12:50	SERVICE ORDER: I AUTHORIZE WORK TO BEGIN PER SERVICE INSTRUCTIONS IN ACCORDANCE WITH THE TERMS AND CONDITIONS PRINTED ON THE LAST PAGE OF THIS FORM AND REPRESENT THAT I HAVE AUTHORITY TO ACCEPT AND SIGN THIS ORDER.  _____ CUSTOMER AUTHORIZED AGENT				SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.  X CUSTOMER AUTHORIZED AGENT  BHI APPROVED  X			
CUSTOMER REP. Larry													
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS													