

# CEMENT JOB REPORT



<b>CUSTOMER</b> EXTRACTION OIL AND GAS		<b>DATE</b> 21-NOV-15	<b>F.R. #</b> 10011185851		<b>SERV. SUPV.</b> ERIC S DEWIT								
<b>LEASE &amp; WELL NAME</b> JANSSEN #8 - API 05123423570000		<b>LOCATION</b> 8-6N-65W		<b>COUNTY-PARISH-BLOCK</b> Weld Colorado									
<b>DISTRICT</b> Brighton		<b>DRILLING CONTRACTOR RIG #</b> PATTERSON 346		<b>TYPE OF JOB</b> Long String									
<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 MD TVD</b>							
5-1/2" Bot Cem Plug, Nitrile cvr, Phe	Centralizer, with Pins, 5-1/2 in												
5-1/2" Top Cem Plug, Nitrile cvr, Phe	Float Collar, Auto Fill, 5-1/2 - 8rd												
	Float Shoe 5-1/2 - 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>				
Ultra Flush II Spacer				11				50					
Fresh Water				8.34				10					
Premium Lite High Strength Cement			555	12	2.42	13.64		239.2	179.88				
(50:50) Poz:Class G Cement			592	13.8	1.75	8.01		184.51	113.08				
Customer Supplied Fluid (TBD)								263.13					
<b>Available Mix Water</b> 400 <b>Bbl.</b>		<b>Available Displ. Fluid</b> 400 <b>Bbl.</b>		<b>TOTAL</b>		746.84		292.97					
<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>	
7.875	20	11410	4.778	5.5	20	CSG	11404	7186	N-80	11404	11399		
<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>
8.9	9.63	36	CSG	1554	1554	No Packer	0	0	0	5.5	BUTT	OIL BASED MU	10
<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>			
252.8	BBLS	Customer Supplied F		1527	0	0	0	0	7352	4500	Upright tanks		
<b>Circulation Prior to Job</b>													
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>						Circulation Time: 1			Circulation Rate: 5 BPM				
Mud Density In: 10 LBS/GAL Mud Density Out: 10 LBS/GAL						PV & YP Mud In: 9			PV & YP Mud Out: 9				
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: 2.5 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"/> RECIPROCATION <input checked="" type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE													
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES						Quantity:		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>													

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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

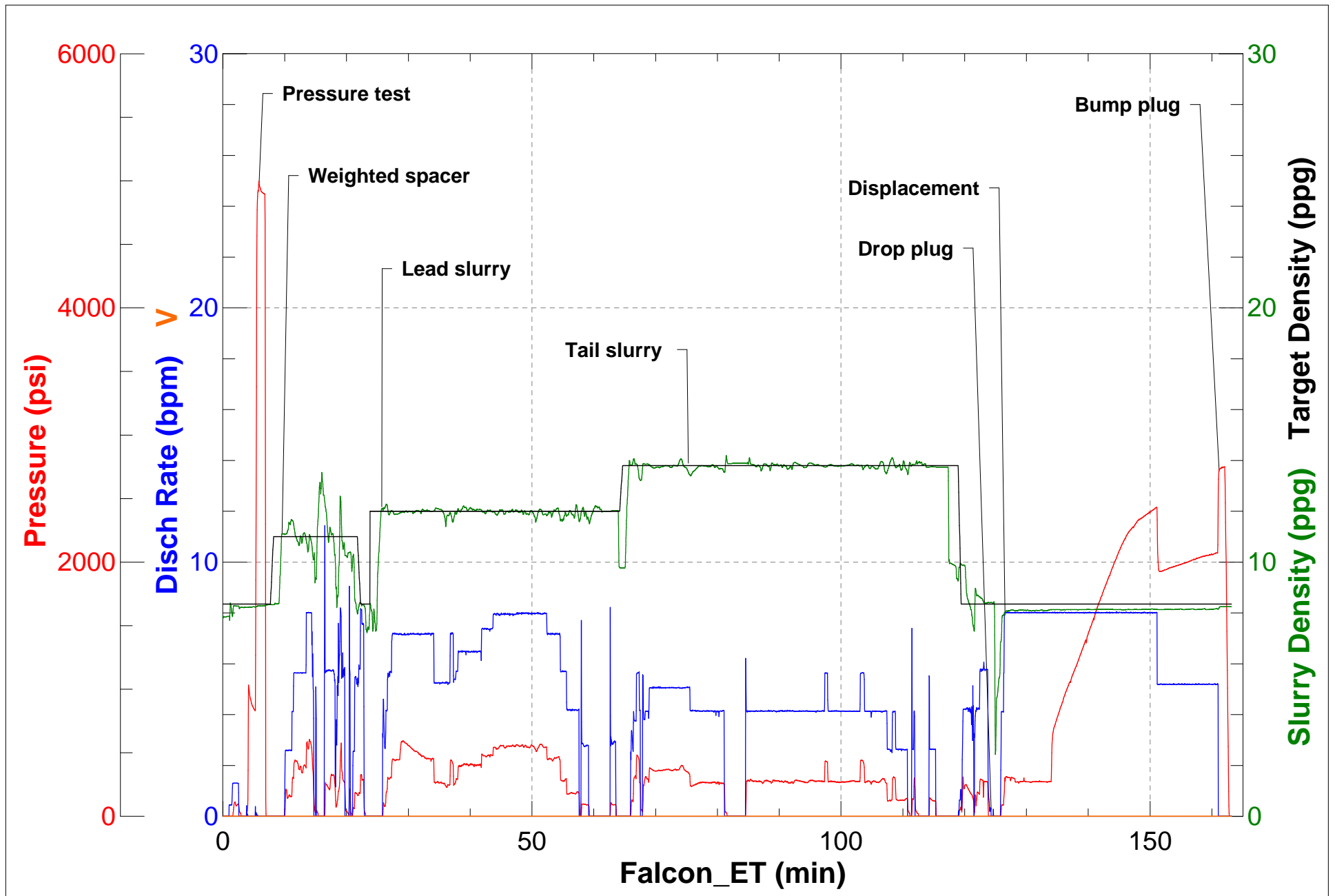
Problems Before Job (I.E. Running Casing, Circulating Well, ETC)  
 None

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)  
 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 5021 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>
14:20	0	0	0	0	N/A	Leave the yard
15:22	0	0	0	0	N/A	Arrive on location (41 miles) rig running casing
18:25	0	0	0	0	N/A	Spot trucks
18:30	0	0	0	0	N/A	Pre rig up safety meeting
20:13	0	0	0	0	N/A	Pre job safety meeting
20:50	25	0	1.3	2	H2O	Load pumps and lines
20:53	5021	0	0	0	H2O	Pressure test pumps and lines
20:59	432	0	5.6	45	BAR	Weighted spacer @11 ppg
21:10	61	0	2.8	10	H2O	Fresh water spacer
21:14	407	0	7.4	224	CMT	Batch, weigh, and pump 555 sacks of lead slurry @12 ppg
21:54	369	0	4.1	180	CMT	Batch, and pump 592 sacks of tail slurry @13.8 ppg
22:46	0	0	0	0	N/A	Wash up pumps and lines
22:50	0	0	0	0	N/A	Drop plug
22:56	304	0	8	0	H2O	Send plug start displacement, Fresh water + Sugar
22:57	304	0	8	10	H2O	Fresh water displacement
23:22	2182	0	0	200	H2O	Drop rate
23:31	2136	0	0	253	H2O	Bump plug (23 bbls of cement back)
23:32	0	0	0	0	H2O	Check floats (Floats held)

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	2136	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	23	714	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	





FIELD RECEIPT NO. 10011185851

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. 11	DAY 21	YEAR 2015	BHI REPRESENTATIVE ERIC S DEWIT		WELL API NO: 05123423570000		WELL TYPE : New Well		
DISTRICT PP, BRIGHTON					JOB DEPTH (ft) 11,404			WELL CLASS : Gas			
WELL NAME AND NUMBER JANSSEN #8					TD WELL DEPTH (ft) 11,410			GAS USED ON JOB : No Gas			
WELL LOCATION :		LEGAL DESCRIPTION 8-6N-65W			COUNTY/PARISH Weld		STATE Colorado		JOB TYPE CODE : Long String		
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
100121		Silica Flour				lbs	9912	0.590	5,848.08	78%	1,286.58
100283		R-3				lbs	194	3.840	744.96	78%	163.89
100316		Barite, Bulk				lbs	7300	0.630	4,599.00	78%	1,011.78
100317		Poz (Fly Ash)				sacks	296	14.200	4,203.20	78%	924.70
100404		Sodium Chloride				lbs	100	0.520	52.00	70%	15.60
398117		Ultra Flush II System				bbls	50	213.500	10,675.00	87%	1,387.75
424509		FP-13L				gals	15	187.500	2,812.50	78%	618.75
488019		FP-6L				gals	5	104.250	521.25	78%	114.68
488353		CSE-2				lbs	5900	1.700	10,030.00	78%	2,206.60
488449		Bentonite II				lbs	992	0.440	436.48	78%	96.03
499632		Granulated Sugar				lbs	50	3.840	192.00	78%	42.24
499705		ASA-301				lbs	294	20.250	5,953.50	78%	1,309.77
499767		FL-63				lbs	979	72.000	70,488.00	87%	9,163.44
L100021-00		Class G Cement				sacks	296	31.800	9,412.80	78%	2,070.82
L398619-00		Premium Lite High Strength RM				sacks	555	57.800	32,079.00	78%	7,057.38
L488604-20		S-5, 5 gl pail				gals	75	244.000	18,300.00	87%	2,379.00
ARRIVE LOCATION :		MO. 11	DAY 21	YEAR 2015	TIME 15:22	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. Jose					CUSTOMER AUTHORIZED AGENT X						
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS					BHI APPROVED X						
						CUSTOMER AUTHORIZED AGENT					



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PRODUCT CODE		DESCRIPTION				UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT		
		SUB-TOTAL FOR Product Material							176,734.77	83.05%	29,965.11		
VP001		Cement Svcs LS Equip - 50miles or less				ea	1	11,995.000	11,995.00	0%	11,995.00		
		SUB-TOTAL FOR Equipment							11,995.00	0%	11,995.00		
		FIELD ESTIMATE							188,729.77	77.77%	41,960.11		
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