

CEMENT JOB REPORT



CUSTOMER EXTRACTION OIL AND GAS		DATE 16-DEC-15	F.R. # 1001188233		SERV. SUPV. VITALIJS A NEVERDASOVŠ									
LEASE & WELL NAME JANSSEN #2 - API 05123423590000		LOCATION 8-6N-65W		COUNTY-PARISH-BLOCK Weld Colorado										
DISTRICT Brighton		DRILLING CONTRACTOR RIG # Patterson 346		TYPE OF JOB Long String										
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS		MD	TVD	HANGER TYPES		MD	TVD			
5-1/2" Top Cem Plug, Nitrile cvr, Phe		Float Shoe 5-1/2 - 8rd		NONE		0	0	NONE		0	0			
		Float Collar, Al Flap, 5-1/2 - 8rd												
		Centralizer, with Pins, 5-1/2 in												
		Cement Basket, Slip On, 5-1/2 in												
MATERIALS FURNISHED BY BJ		LAB REPORT NO.		PHYSICAL SLURRY PROPERTIES										
				SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER				
Fresh Water		N/A		0	8.34	0	0	00:00	10					
Premium Lite High Strength Cement		C12-032-15		550	12	2.42	13.64	06:05	237.1	178.31				
(50:50) Poz:Class G Cement		C12-032-15		750	13.8	1.75	8.01	05:20	196.99	120.73				
Customer Supplied Fluid (TBD)		N/A		0	8.34	0	0	00:00	264.8					
Ultraflush II Spacer		N/A		0	11	0	0	00:00	50					
Available Mix Water 800 Bbl.		Available Displ. Fluid 350 Bbl.		TOTAL				758.89	299.03					
HOLE			TBG-CSG-D.P.						COLLAR DEPTHS					
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE		
7.875	20	11945	4.778	5.5	20	CSG	11945	7160	P-110	11945	11939	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.
8.9	9.63	36	CSG	1585	1585	NO PACKER		0	0	0	5.5	BUTT	OIL BASED MU	9
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			
264	BBLs	Customer Supplied FI		8.34	1620	0	0	0	0	10112	3500	URIGHT		
Circulation Prior to Job														
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 2				Circulation Rate: 6 BPM						
Mud Density In: 9 LBS/GAL				Mud Density Out: 9 LBS/GAL				PV & YP Mud In: 7		PV & YP Mud Out: 7				
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"/>						
Displacement And Mud Removal														
Displaced By: Rig <input type="checkbox"/> BJ <input checked="" type="checkbox"/>				Amount Bled Back After Job: 3.5 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 checked="" type="checkbox"/> RECIPROCATION <input type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE														
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES				Quantity: 120				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														
Plugs														
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						
Squeezes (Update Original Treatment Report for Primary Job)														
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				
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						

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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

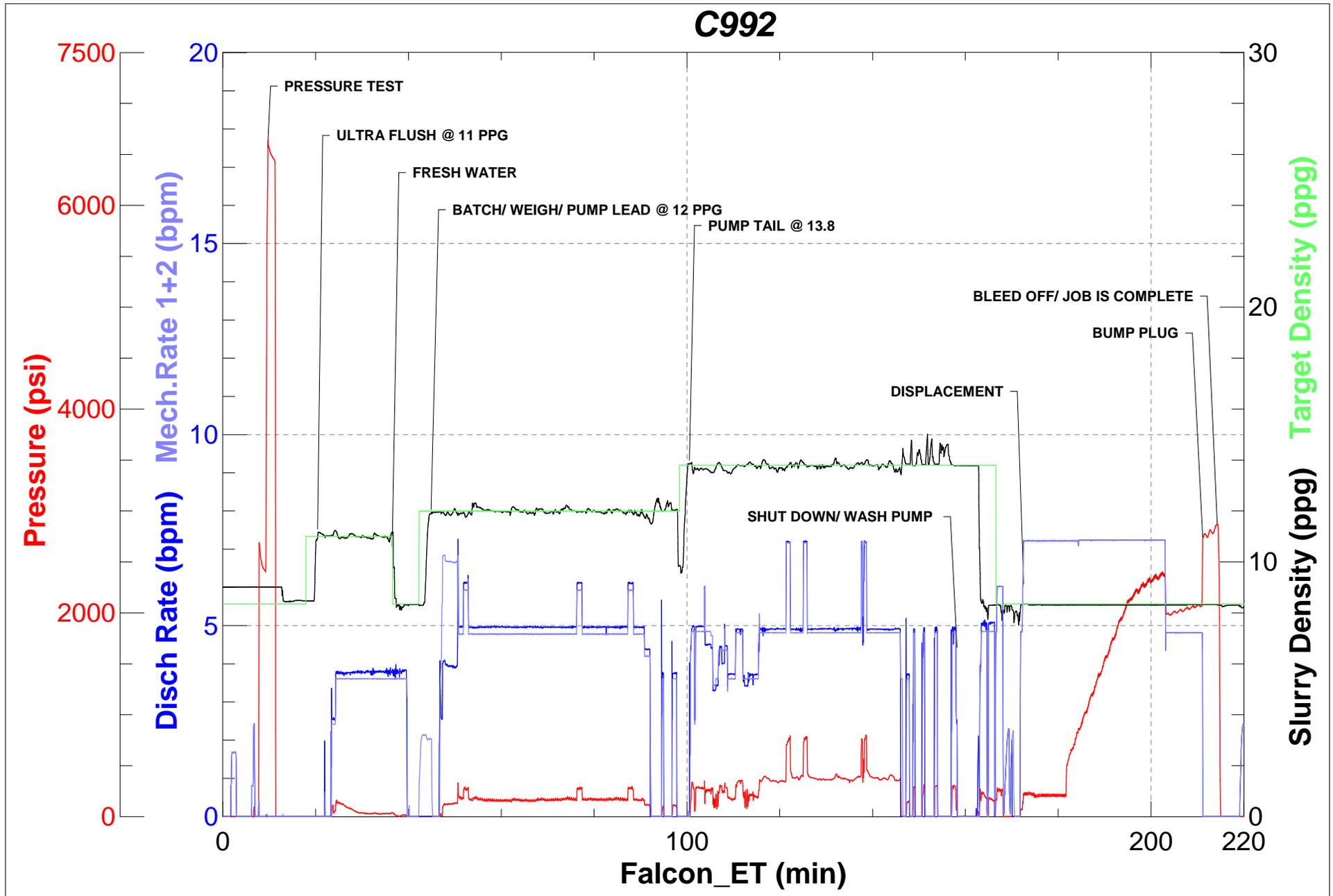
Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)
NONE

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

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTINGNONE

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 6595 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
19:28	0	0	0	0	N/A	LEAVE YARD	
20:31	0	0	0	0	N/A	ARRIVE ON LOCATION, 40 MILES/ RIG IS RUNNING CASING/ CUSTOMER REQUESTED CEMENT CREW @ 03:30	
20:52	0	0	0	0	N/A	SPOT TRUCKS	
21:03	0	0	0	0	N/A	RIG UP SAFETY MEETING	
02:02	0	0	0	0	N/A	CASING LANDED	
03:14	0	0	0	0	N/A	PRE JOB SAFETY MEETING	
04:45	43	0	1.7	3	H2O	LOAD LINE	
04:53	6595	0	.8	.1	H2O	PRESSURE TEST	
05:08	119	0	3.8	50	H2O	ULTRA FLUSH SPACER @ 11 PPG	
05:21	17	0	3.8	10	H2O	FRESH WATER	
05:29	257	0	4.9	232	CMT	BATCH/ WEIGH/ PUMP 550 SX OF LEAD CEMENT @ 12 PPG	
06:22	378	0	4.9	235	CMT	BATCH/ WEIGH/ PUMP 750 SX OF TAIL CEMENT @ 13.8 PPG	
07:23	0	0	0	0	N/A	SHUT DOWN/ WASH PUMPS AND LINES/ LOAD PLUG	
07:36	2089	0	7.2	220	H2O	DISPLACEMENT/ FIRST 10 BBLs SUGAR WATER	
08:08	2073	0	4.8	45	H2O	SLOW RATE	
08:16	2744	0	0	265	H2O	BUMP PLUG	
08:21	0	0	0	0	N/A	CHECK FLOATS/ FLOATS HELD	
08:35	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	<u>Service Supervisor Signature:</u>
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	2073	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	54	792	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	





FIELD RECEIPT NO. 10011188233

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. 12	DAY 17	YEAR 2015	BHI REPRESENTATIVE VITALIJS A NEVERDASOV	WELL API NO: 05123423590000	WELL TYPE : New Well				
DISTRICT PP, BRIGHTON				JOB DEPTH(ft) 11,945		WELL CLASS : Gas				
WELL NAME AND NUMBER JANSSEN #2				TD WELL DEPTH(ft) 11,945		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	12600	0.590	7,434.00	78%	1,635.48	
100283	R-3			lbs	192	3.840	737.28	78%	162.20	
100317	Poz (Fly Ash)			sacks	375	14.200	5,325.00	78%	1,171.50	
100356	Barite - Sacked			lbs	7800	0.630	4,914.00	78%	1,081.08	
100404	Sodium Chloride			lbs	100	0.520	52.00	70%	15.60	
398117	Ultra Flush II System			bbbls	50	213.500	10,675.00	87%	1,387.75	
488019	FP-6L			gals	10	104.250	1,042.50	78%	229.35	
488353	CSE-2			lbs	7500	1.700	12,750.00	78%	2,805.00	
488449	Bentonite II			lbs	1260	0.440	554.40	78%	121.97	
499632	Granulated Sugar			lbs	100	3.840	384.00	78%	84.48	
499705	ASA-301			lbs	318	20.250	6,439.50	78%	1,416.69	
499767	FL-63			lbs	1109	72.000	79,848.00	87%	10,380.24	
L100021-00	Class G Cement			sacks	375	31.800	11,925.00	78%	2,623.50	
L398619-00	Premium Lite High Strength RM			sacks	550	57.800	31,790.00	78%	6,993.80	
L488604-20	S-5, 5 gal pail			gals	75	244.000	18,300.00	87%	2,379.00	
ARRIVE LOCATION :	MO. 12	DAY 16	YEAR 2015	TIME 20:31	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 SIEGEL				CUSTOMER AUTHORIZED AGENT			X			
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS							CUSTOMER AUTHORIZED AGENT			X



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WELL NAME AND NUMBER JANSSEN #2				TD WELL DEPTH(ft) 11,945		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
	SUB-TOTAL FOR Product Material				192,557.68	83.07%	32,603.74
VP001	Cement Svcs LS Equip 50 miles 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				204,552.68	78.20%	44,598.74

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SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS					_____ CUSTOMER AUTHORIZED AGENT	<input checked="" type="checkbox"/> BHI APPROVED