

CEMENT JOB REPORT



CUSTOMER PETERSON ENERGY OPERAT		DATE 17-APR-13	F.R. # 1001981282		SERV. SUPV. JASON L SJOBERG		
LEASE & WELL NAME NEILSEN #4-23 - API 05123344310000		LOCATION 23-1N-62W		COUNTY-PARISH-BLOCK Weld Colorado			
DISTRICT Brighton		DRILLING CONTRACTOR RIG # ENSIGN 226		TYPE OF JOB Plug & Abandon			
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS		MD TVD	
None		No Shoe		None		0 0	
				HANGER TYPES		MD TVD	
				None		0 0	
PHYSICAL SLURRY PROPERTIES							
MATERIALS FURNISHED BY BJ		LAB REPORT NO.	SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS	
						PUMP TIME HR:MIN	
						Bbl SLURRY	
						Bbl MIX WATER	
Spacer Ahead FW		0	0	8.34	0	00:00	
Class G Neat		0	60	15.8	1.15	5.00	
Spacer Behind FW		0	0	8.34	0	00:00	
Fresh Water		0	0	8.34	0	00:00	
Spacer Ahead FW		0	0	8.34	0	00:00	
Class G Neat		0	40	15.8	1.15	5.00	
Spacer Behind FW		0	0	8.34	0	00:00	
Fresh Water		0	0	8.34	0	00:00	
Spacer Ahead FW		0	0	8.34	0	00:00	
Class G Neat		0	40	15.8	1.15	5.00	
Spacer Behind FW		0	0	8.34	0	00:00	
Fresh Water		0	0	8.34	0	00:00	
Spacer Ahead FW		0	0	8.34	0	00:00	
Class G Neat		0	15	15.8	1.15	5.00	
Fresh Water		0	0	8.34	0	00:00	
Available Mix Water		350	Bbl. Available Displ. Fluid		350	Bbl.	
TOTAL		194.69		18.45			
HOLE		TBG-CSG-D.P.				COLLAR DEPTHS	
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD
7.875	0	8450	8.097	8.625	24	CSG	817
			3.24	4	15.7	CSG	7098
							7098
							P-110
LAST CASING		PKR-CMT RET-BR PL-LINER		PERF. DEPTH		TOP CONN	
ID	OD	WGT	TYPE	MD	TVD	BRAND & TYPE	
						No Packer	
						0	
DISPL. VOLUME		DISPL. FLUID		CAL. PSI		CAL. MAX PSI	
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED
71.9	BBLS	Fresh Water	8.34	0	0	0	0
		Fresh Water	8.34				
MAX TBG PSI		MAX CSG PSI		MIX WATER			
0		7816		3000		Truck	
Circulation Prior to Job							
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 1		Circulation Rate: 5 BPM	
Mud Density In: 8.8 LBS/GAL Mud Density Out: 8.8 LBS/GAL				PV & YP Mud In: 0		PV & YP Mud Out: 0	
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: 0 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 type="checkbox"/> YES <input checked="" type="checkbox"/> NO				Were Returns Planned at Surface: <input checked="" type="checkbox"/> NO <input 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 checked="" type="checkbox"/> NO <input 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 type="checkbox"/> MANIFOLD <input checked="" type="checkbox"/> NO MANIFOLD							
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: None							

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Plugs			
Number of Attempts by BJ:	4	Competition:	4
Wiper Balls Used:	<input checked="" type="checkbox"/> NO <input type="checkbox"/> YES	Quantity:	
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:	6900 FT
		Bottom of Plug:	7098 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

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)
Valves freezing, product line packed off, Co man wanted to circulate out what was pumped so far. Rig circulated out and we started over.

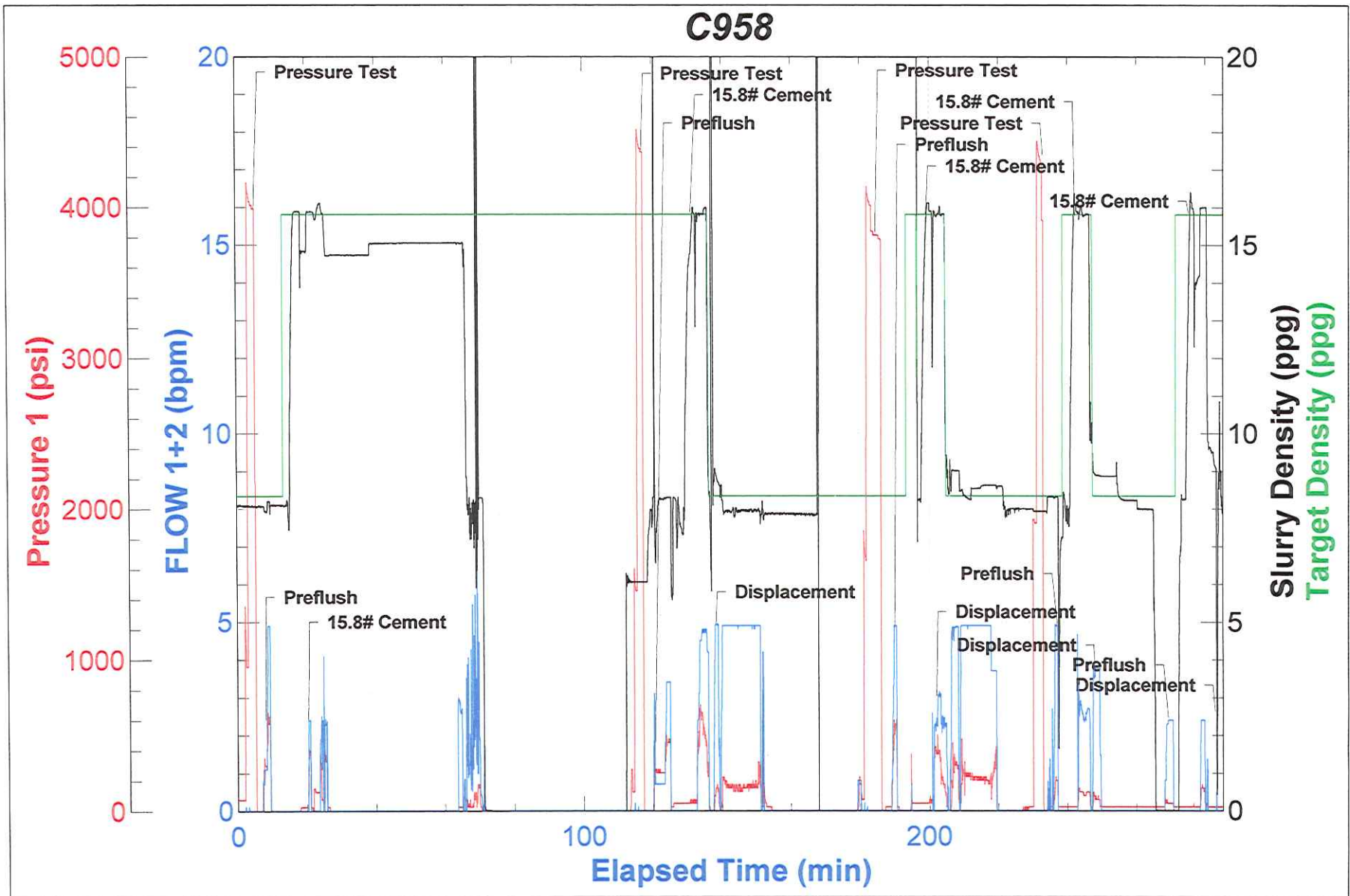
Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC)
None

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	4515 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
18:30	0	0	0	0	N/A	Yard Call	
20:10	0	0	0	0	N/A	Leave Yard	
23:00	0	0	0	0	N/A	Arrive on Location	
23:45	0	0	0	0	N/A	Spot Trucks	
23:55	0	0	0	0	N/A	Pre Rig-up Safety Meeting	
02:00	0	0	0	0	N/A	Safety Meeting	
03:10	4089	0	0	0	H2O	Pressure Test Pump and Lines	
03:38	550	0	5	5	H2O	Preflush Fresh Water	
03:52	600	0	4.7	5	CMT	Batch, Weigh, Pump 15.8# Class G Neat	
04:00	0	0	0	0	N/A	Product line packed off, Rig circulated cement out of hole	
05:25	4515	0	0	0	H2O	Pressure Test Pump and Lines	
05:35	450	0	3.4	5	H2O	Preflush Fresh Water	
05:37	625	0	4.7	12.3	CMT	Batch and Pump 15.8# Class G Neat @ 7098'	
05:46	200	0	4.9	1	H2O	Displacement	
05:49	174	0	4.9	69	MUD	Displacement	
06:08	0	0	0	0	N/A	Rig pull up pipe for next plug @ 6242'	
07:41	4139	0	0	0	H2O	Pressure Test Pump and Lines	
07:49	525	0	4.9	5	H2O	Preflush Fresh Water	
07:58	345	0	3.2	8.2	CMT	Batch and Pump 15.8# Class G Neat	
08:04	340	0	3.2	1	H2O	Displacement	
08:06	148	0	4.8	60	MUD	Displacement	
08:27	0	0	0	0	N/A	Rig pull up pipe for next plug @ 854'	
12:46	4440	0	0	0	H2O	Pressure Test Pump and Lines	
12:54	199	0	4.9	5	H2O	Preflush Fresh Water	
12:56	123	0	2.5	8.2	CMT	Batch and Pump 15.8# Class G Neat	
13:03	120	0	2.5	1	H2O	Displacement	
13:05	123	0	3.7	6.2	MUD	Displacement	

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	PIPE	ANNULUS				TEST LINES	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
13:14	0	0	0	0	N/A	Rig pull up pipe for next plug @ 85'	
14:30	60	0	2.5	5	H2O	Preflush Fresh Water	
14:41	90	0	2.5	3.1	CMT	Batch and Pump 15.8# Class G Neat	
14:43	50	0	1	.3	H2O	Displacement	
14:50	0	0	0	0	N/A	Post Job Safety Meeting	
BUMPED PLUG Y <input checked="" type="checkbox"/> N		PSI TO BUMP PLUG 0	TEST FLOAT EQUIP. Y <input checked="" type="checkbox"/> N	BBL.CMT RETURNS/ REVERSED 0	TOTAL BBL. PUMPED 201	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT Y <input checked="" type="checkbox"/> N
Service Supervisor Signature: _____							





FIELD RECEIPT NO. 1001981282

CUSTOMER PETERSON ENERGY OPERATING INC				CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER 0040131069 - 0040131069		INVOICE NUMBER	
MAIL INVOICE TO		STREET OR BOX NUMBER 2154 W EISENHOWER BLVD				CITY LOVELAND		STATE Colorado		ZIP CODE 80537	
DATE WORK COMPLETED	MO. 04	DAY 17	YEAR 2013	BHI REPRESENTATIVE JASON L SJOBERG		WELL API NO: 05123344310000		WELL TYPE : New Well			
DISTRICT BJS, BRIGHTON				JOB DEPTH (ft) 7,098		WELL CLASS : Oil					
WELL NAME AND NUMBER NEILSEN #4-23				TD WELL DEPTH (ft) 8,450		GAS USED ON JOB : No Gas					
WELL LOCATION :		LEGAL DESCRIPTION 23-1N-62W		COUNTY/PARISH Weld		STATE Colorado		JOB TYPE CODE : Plug & Abandon			
PRODUCT CODE	DESCRIPTION				UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT	
100021	Cement, Class G, bulk				sacks	95	31.800	3,021.00	55%	1,359.45	
100112	Calcium Chloride				lbs	300	1.290	387.00	100%	0.00	
100404	Sodium Chloride				lbs	100	0.520	52.00	100%	0.00	
488019	FP-6L				gals	2	104.250	208.50	55%	93.83	
L100021-00	Class G Cement				sacks	60	31.800	1,908.00	55%	858.60	
	SUB-TOTAL FOR Product Material							5,576.50	58.54%	2,311.88	
A152	Personnel Per Diem Chrg - Cement Svc				ea	1	210.000	210.00	0%	210.00	
M100	Bulk Material Blending Charge				cu ft	228	5.450	1,242.60	55%	559.17	
	SUB-TOTAL FOR Service Charges							1,452.60	47.05%	769.17	
ARRIVE LOCATION :		MO. 04	DAY 17	YEAR 2013	TIME 23:00	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. Chris Montoya					CUSTOMER AUTHORIZED AGENT				X		
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS									X		
					BHI APPROVED				X		



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PRODUCT CODE	DESCRIPTION				UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT	
F067A	Cement Pump Tubing, 7001 - 8000 ft				6hrs	1	9,525.000	9,525.00	55%	4,286.25	
F088	Cement Pumping, Additional hrs				hrs	1	900.000	900.00	55%	405.00	
F090	Fuel per pump charge - cement				pump/hr	23	70.250	1,615.75	0%	1,615.75	
J225	Data Acquisition, Cement, Standard				job	1	2,130.000	2,130.00	55%	958.50	
J390	Mileage, Heavy Vehicle				miles	68	11.850	805.80	55%	362.61	
J391	Mileage, Auto, Pick-Up or Treating Van				miles	68	6.700	455.60	55%	205.02	
	SUB-TOTAL FOR Equipment							15,432.15	49.24%	7,833.13	
J401	Bulk Delivery, Dry Products				ton-mi	359	3.940	1,414.46	55%	636.51	
	SUB-TOTAL FOR Freight/Delivery Charges							1,414.46	55.00%	636.51	
	FIELD ESTIMATE							23,875.71	51.62%	11,550.69	
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CUSTOMER REP. Chris Montoya					CUSTOMER AUTHORIZED AGENT				X		
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS									X		
					BHI APPROVED				X		