

CEMENT JOB REPORT



CUSTOMER PETERSON ENERGY MANAGI		DATE 08-APR-13	F.R. # 1001978486	SERV. SUPV. REESE A ANDERSON	
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 Surface	
SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	MECHANICAL BARRIERS		MD	TVD
Cement Plug, Rubber, Top 8-5/8 in	Alum Baffle Plate, Slip On, 8-5/8				
	Float Shoe 8-5/8 - 8rd				
PHYSICAL SLURRY PROPERTIES					
MATERIALS FURNISHED BY BJ	LAB REPORT NO.	SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS
Fresh Water	0	0	8.34	0	0
Fresh Water + Dye	0	0	8.34	0	0
Type III+1.5%CaCl ₂ +15#/skCF		319	14.5	1.41	6.82
Available Mix Water	400 Bbl.	Available Displ. Fluid	400 Bbl.	TOTAL	140.84 51.80
HOLE		TBG-CSG-D.P.			COLLAR DEPTHS
SIZE	% EXCESS	DEPTH	ID	OD	WGT.
12.25	25	840	8.097	8.625	24
		CSG	MD	TVD	GRADE
		840	840	J-55	SHOE
					FLOAT
					STAGE
LAST CASING		PKR-CMT RET-BR PL-LINER		PERF. DEPTH	TOP CONN
ID	OD	WGT	TYPE	DEPTH	TOP
			NO PACKER	0	
		BRAND & TYPE		BTM	SIZE
					THREAD
					TYPE
					WGT.
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.
49	BBLS	Fresh Water	8.34	850	0
				OP. MAX	MAX TBG PSI
				SQ. PSI	RATED
				Operator	Operator
					MAX CSG PSI
					MIX WATER
					RIG TANK
Circulation Prior to Job					
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>			Circulation Time: 1		
Mud Density In: 9.1 LBS/GAL			Mud Density Out: 9.1 LBS/GAL		
Gas Present: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>			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: 1 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: 10		
			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		
Plug Catcher Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES			Wiper Balls Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		
Was There a Bottom: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES			Parabow Used: <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			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		
Number of Times Tests Conducted: 0			Actual EMW: 0 LBS/GAL		
			Mud Weight When Test was Conducted: 0 LBS/GAL		

CEMENT JOB REPORT



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

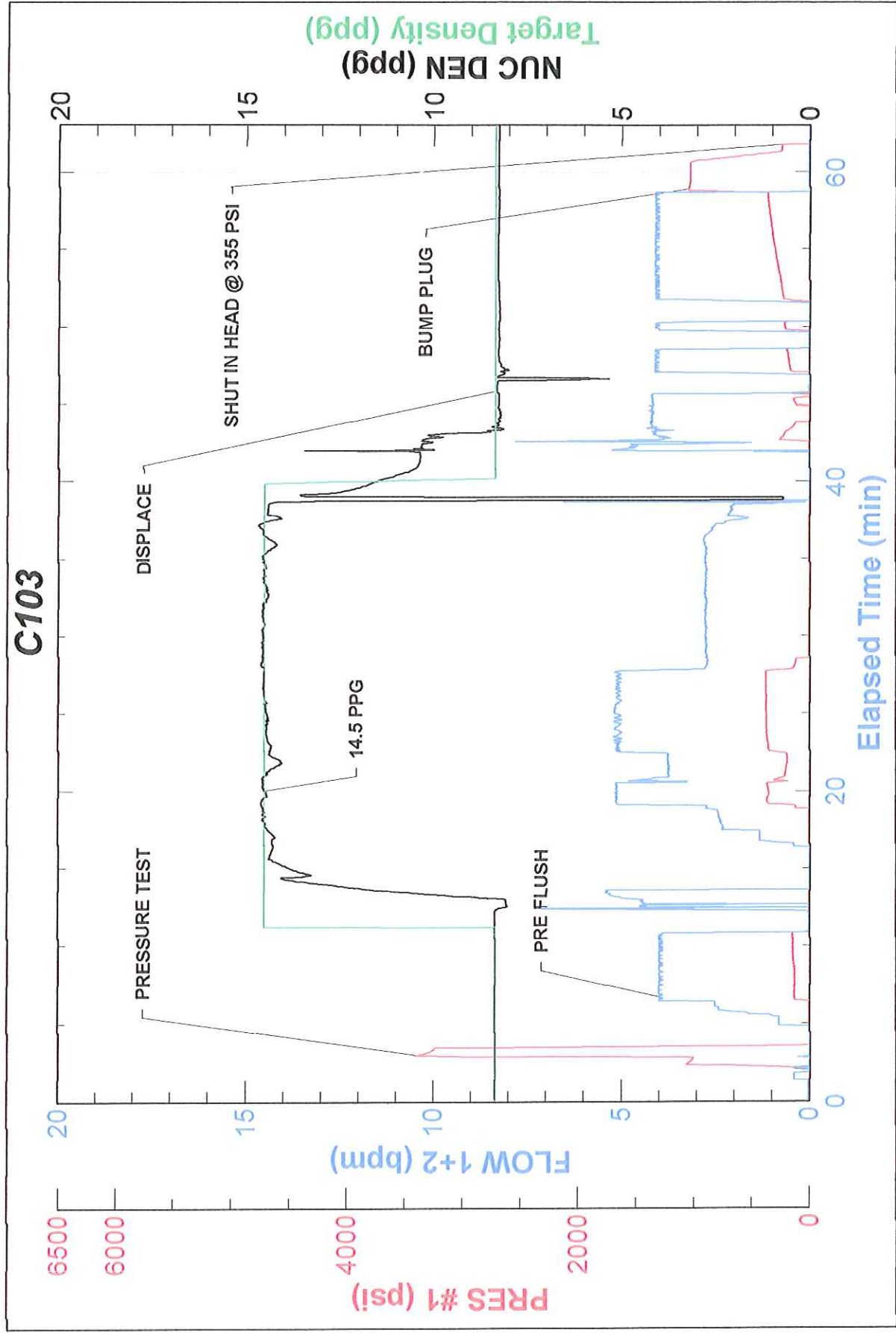
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: NONE

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	3413 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
01:30	0	0	0	0	NA	YARD CALL	
04:19	0	0	0	0	NA	LEAVE YARD	
05:08	0	0	0	0	NA	ARRIVE ON LOCATION	
07:00	0	0	0	0	NA	SPOT TRUCKS/PRE RIG UP MEETING/RIF UP	
07:45	0	0	0	0	NA	SAFETY MEETING	
08:12	3413	0	0	0	H2O	PRESSURE TEST	
08:16	121	0	4	20	H2O	DYED SPACER	
08:25	373	0	5.1	79	CMT	319 SACKS 14.5 PPG CEMENT	
08:49	0	0	0	0	NA	DROP PLUG	
08:53	351	0	4.1	49	H2O	DISPLACEMENT	
09:09	942	0	4.1	49	H2O	BUMP PLUG	
09:12	355	0	0	0	NA	BLEED DOWN/SHUT IN HEAD	
09:15	0	0	0	0	NA	PRE RIG DOWN MEETING/RIG DOWN	

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	942	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	24	148	355	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	



Baker Hughes JobMaster Program Version 3.60
Job Number: 1001978486
Customer: PETERSON ENERGY
Well Name: NEILSON 4-23





FIELD RECEIPT NO. 1001978486

CUSTOMER PETERSON ENERGY MANAGEMENT				CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER 20069059 - 20069059		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 08 YEAR 2013		BHI REPRESENTATIVE REESE A ANDERSON		WELL API NO: 05123344310000		WELL TYPE: New Well					
DISTRICT BJS, BRIGHTON				JOB DEPTH (ft) 803		WELL CLASS: Gas					
WELL NAME AND NUMBER NEILSEN #4-23				TD WELL DEPTH (ft) 830		GAS USED ON JOB: No Gas					
WELL LOCATION:		LEGAL DESCRIPTION 23-1N-62W		COUNTY/PARISH Weld		STATE Colorado		JOB TYPE CODE: Surface			
PRODUCT CODE	DESCRIPTION			UNIT OF MEASURE	QUANTITY	PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT		
100112	Calcium Chloride			lbs	450	1.290	580.50	55%	261.23		
100295	Cello Flake			lbs	48	5.100	244.80	55%	110.16		
488019	FP-6L			gals	3	104.250	312.75	55%	140.74		
499680	Static Free			lbs	26	40.700	1,058.20	55%	476.19		
499703	Type III Cement			sacks	319	31.700	10,112.30	55%	4,550.54		
SUB-TOTAL FOR Product Material							12,308.55	55.00%	5,538.86		
A152	Personnel Per Diem Chrg - Cement Svc			ea	1	210.000	210.00	0%	210.00		
M100	Bulk Materials Blending Charge			cu ft	331	5.450	1,803.95	55%	811.78		
SUB-TOTAL FOR Service Charges							2,013.95	49.26%	1,021.78		
ARRIVE LOCATION: MO. 04 DAY 08 YEAR 2013 TIME 05:08				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 REP. CHRIS MONTOYA				SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.							
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS				CUSTOMER AUTHORIZED AGENT X							
				BHI APPROVED X							



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PRODUCT CODE	DESCRIPTION				UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT	
F053A	Cement Pumping, 0 - 1000 ft				4hrs	1	3,200.00	3,200.00	55%	1,440.00	
F090	Fuel per pump charge - cement				pump/hr	2	70.250	140.50	0%	140.50	
J050	Cement Head				job	1	830.000	830.00	55%	373.50	
J225	Data Acquisition, Cement, Standard				job	1	2,130.000	2,130.00	55%	958.50	
J390	Mileage, Heavy Vehicle				miles	70	11.850	829.50	55%	373.28	
J391	Mileage, Auto, Pick-Up or Treating Van				miles	70	6.700	469.00	55%	211.05	
	SUB-TOTAL FOR Equipment							7,599.00	53.98%	3,496.83	
J401	Bulk Delivery, Dry Products				ton-mi	534	3.940	2,103.96	55%	946.78	
	SUB-TOTAL FOR Freight/Delivery Charges							2,103.96	55.00%	946.78	
	FIELD ESTIMATE							24,025.46	54.20%	11,004.25	
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