

## CEMENT JOB REPORT



CUSTOMER NOBLE ENERGY INC - XML		DATE 01-MAY-13	F.R. # 1001984326	SERV. SUPV. CALEB C KINGSLEY		
LEASE & WELL NAME DOM RED X #20-02D - API 05123163910000		LOCATION 20-2N-65W		COUNTY-PARISH-BLOCK Weld Colorado		
DISTRICT Brighton		DRILLING CONTRACTOR RIG # Key Rig 100		TYPE OF JOB Squeeze-Top		
SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	MECHANICAL BARRIERS	MD	TVD	HANGER TYPES MD TVD	
NONE		NONE	0	0	NONE 0 0	
NONE		NONE	0	0	NONE 0 0	
		NONE	0	0	NONE 0 0	
PHYSICAL SLURRY PROPERTIES						
MATERIALS FURNISHED BY BJ	LAB REPORT NO.	SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT <sup>3</sup>	WATER GPS PUMP TIME HR:MIN Bbl SLURRY Bbl MIX WATER	
Treated Water	0	0	8.34	0	0 00:00 4.5	
Treated Water	0	0	8.3	0	0 00:00 10	
Cement Slurry	0	200	13.5	1.71	8.30 00:00 60.9 39.41	
Treated Water	0	0	8.34	0	0 00:00 10	
CLASS G	0	400	15.8	1.15	5.00 00:00 81.9 47.67	
FRESH WATER			8.34		2	
Available Mix Water	95 Bbl.	Available Displ. Fluid	95 Bbl.	TOTAL	169.3 87.07	
HOLE		TBG-CSG-D.P.			COLLAR DEPTHS	
SIZE	% EXCESS	DEPTH	ID OD	WGT.	TYPE	MD TVD GRADE SHOE FLOAT STAGE
10	0	4900	2.75 3.5	12.95	CSG	4900 4900 P-110 1000
			1.38 1.66	2.4	TBG	4923 4923 P-110
LAST CASING		PKR-CMT RET-BR PL-LINER		PERF. DEPTH		TOP CONN
ID	OD	WGT	TYPE	MD	TVD	BRAND & TYPE DEPTH TOP BTM
8.1	8.63	24	CSG	812	812	NO PACKER OR CEMENT R 0 0 0
DISPL. VOLUME		DISPL. FLUID		CAL. PSI		CAL. MAX PSI
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI
4.5	BBLS	FRESH WATER	8.34	0	0	0
MAX TBG PSI		MAX CSG PSI		MIX WATER		
11800	9440	0	0	WATER TRUCK		
Circulation Prior to Job						
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>		Circulation Time: 1		Circulation Rate: 4 BPM		
Mud Density In: 9.1 LBS/GAL		Mud Density Out: 9.1 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: 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 type="checkbox"/> RECIPROCATION <input checked="" 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 type="checkbox"/> NO MANIFOLD						
Plugs						
Number of Attempts by BJ: 1		Competition:		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: 4300 FT		Bottom of Plug: 4900 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
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: NONE						

# CEMENT JOB REPORT



## 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

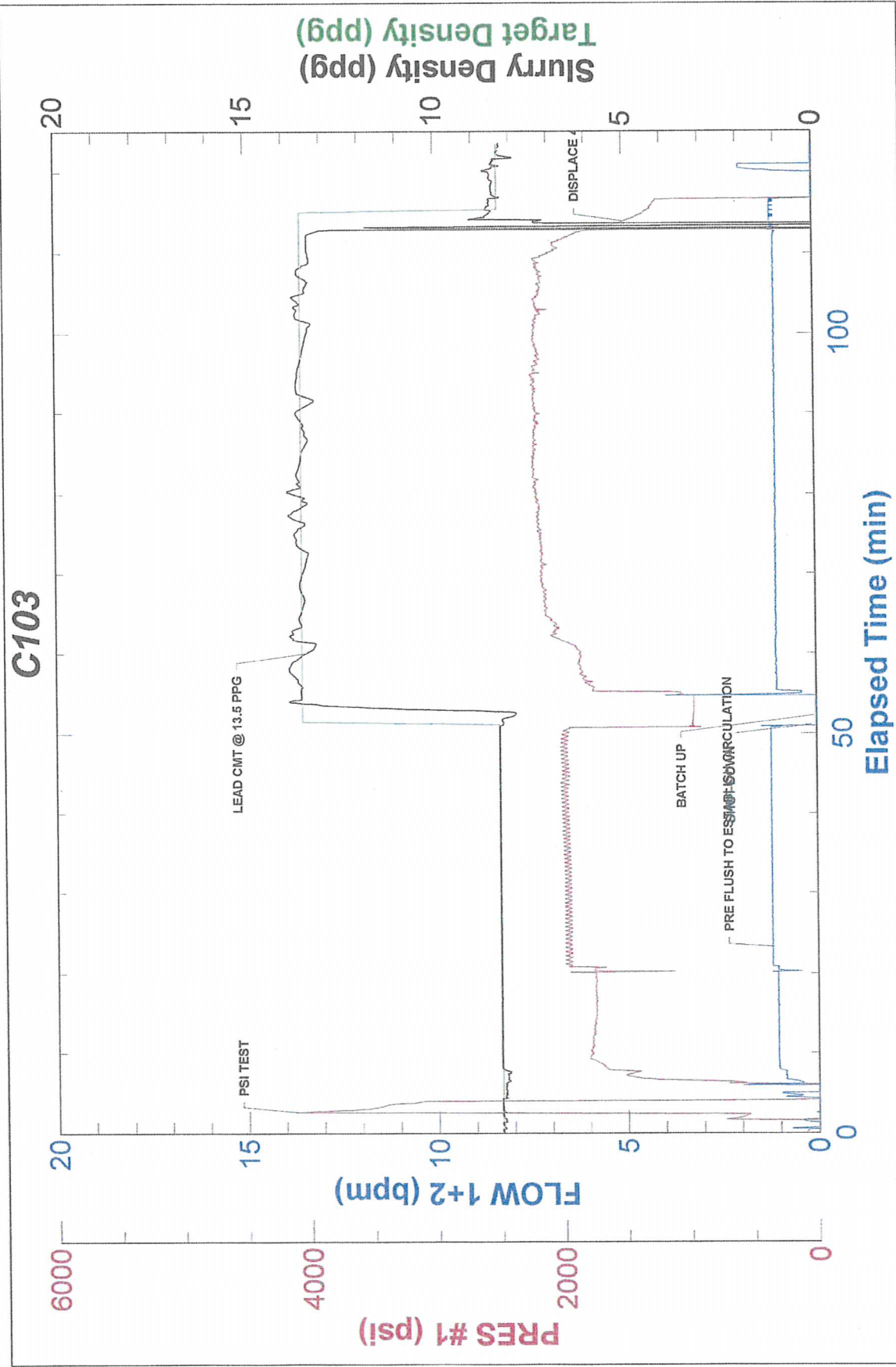
Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)  
NONE

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	4243 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
06:48	0	0	0	0	NA	LEAVE THE DISTRICT	
07:26	0	0	0	0	NA	ARRIVE TO LOCATION	
08:00	0	0	0	0	NA	SPOT TRUCKS	
11:10	0	0	0	0	NA	SAFETY MEETING	
11:30	4160	0	.4	.5	H2O	PRESSURE TEST	
11:35	1961	0	1.2	50	H2O	IT TOOK 50 BBL TO ESTABLISH ANY CIRCULATION OF THE WELL.	
12:18	0	0	0	0	NA	SHUT DOWN AND PREPARE FOR CMT	
12:24	1844	0	1.2	58	CMT	LEAD CMT BATCHED AND PUMPED @ 13.5 PPG	
13:22	1527	0	1.2	4	H2O	DISPLACE AND BALANCE THE PLUG	
13:30	0	0	0	0	H2O	SHUT DOWN AND WASH UP.	
13:40	0	0	0	0	H2O	RIG STARTS TO PULL TUBING AND PREPARE FOR THE NEXT PLUG.	
14:40	781	0	2	13	H2O	START 2ND AND ESTABLISH CIRCULATION	
14:50	1243	0	2	74	CMT	CMT BATCHED AND PUMPED @ 15.8 PPG	
15:20	1560	0	2	0	CMT	CMT TO SURFACE WITH 67 BBL OF CMT PUMPED.	
15:31	0	0	0	0	NA	SHUT DOWN	
15:40	0	0	0	0	NA	WASH UP AND RIG DOWN	

BUMPED PLUG Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	PSI TO BUMP PLUG 0	TEST FLOAT EQUIP. Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	BBL.CMT RETURNS/ REVERSED 0	TOTAL BBL. PUMPED 199	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	Service Supervisor Signature:
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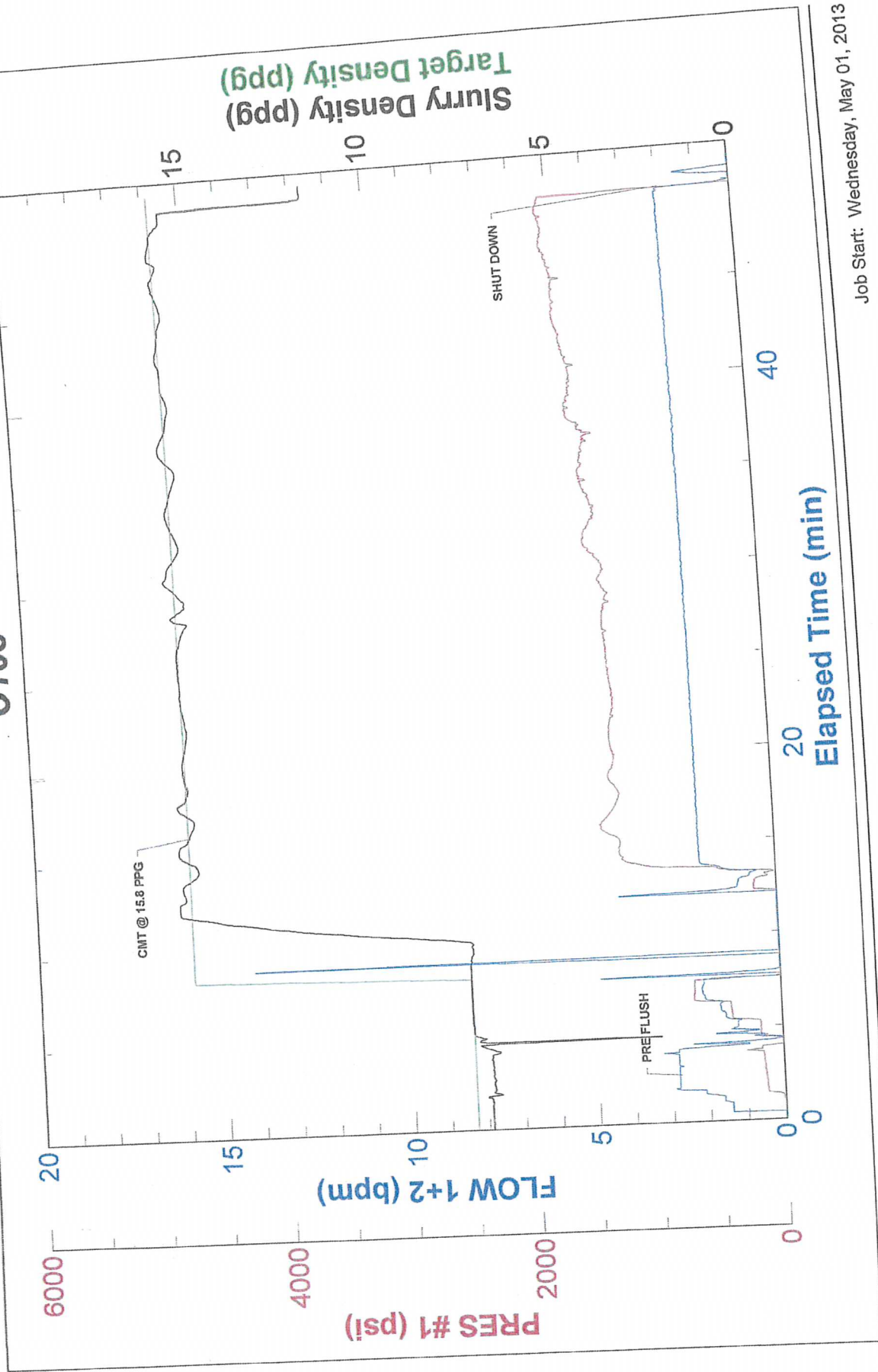
*C. Emery*  
*Scott Fumble*





Baker Hughes JobMaster Program Version 3.60  
Job Number: 1001984326  
Customer: NOBLE  
Well Name: DOM RED X 20-02D

C103



Job Start: Wednesday, May 01, 2013

Baker Hughes



FIELD RECEIPT NO. 1001984326

CUSTOMER NOBLE ENERGY INC - XML				CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER 20077336 - 00212896		INVOICE NUMBER	
MAIL INVOICE TO 100 GLENBOROUGH DR, STE 100				CITY Houston		STATE Texas		ZIP CODE 77067			
DATE WORK COMPLETED		MO. 05	DAY 01	YEAR 2013	WELL API NO: 05123163910000		WELL TYPE: Old Well				
DISTRICT BJS, BRIGHTON					JOB DEPTH(ft) 4,923		WELL CLASS: Gas				
WELL NAME AND NUMBER DOM RED X #20-02D				TD WELL DEPTH(ft) 8,095		GAS USED ON JOB: No Gas					
WELL LOCATION :		LEGAL DESCRIPTION 20-2N-65W		COUNTY/PARISH Weld		STATE Colorado		JOB TYPE CODE: Squeeze-Top			
PRODUCT CODE	DESCRIPTION				UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT	
100021	Class G Cement				sacks	100					
100112	Calcium Chloride				lbs	300					
100120	Bentonite				lbs	504					
100121	Silica Flour				lbs	3360					
100275	Sodium Metasilicate				lbs	17					
100317	Poz (Fly Ash)				sacks	100					
100404	Sodium Chloride				lbs	100					
488015	FL-52				lbs	101					
488019	FP-6L				gals	6					
499632	Granulated Sugar				lbs	100					
499702	ClayCare, Clay Treat-2C, 260 gl tote				gals	2					
L100021-00	Class G Cement				sacks	362					
SUB-TOTAL FOR Product Material											
ARRIVE LOCATION :				MO. 05	DAY 01	YEAR 2013	TIME 07:26				
CUSTOMER REP. SCOTT TRUMBULE				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.							
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS				CUSTOMER AUTHORIZED AGENT							
				BHI APPROVED							