



FIELD RECEIPT NO. 10011053422

CUSTOMER		NOBLE ENERGY INC - XML		CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER		INVOICE NUMBER	
MAIL INVOICE TO		STREET OR BOX NUMBER		CITY		STATE		ZIP CODE			
DATE WORK COMPLETED		MO.	DAY	YEAR	WELL API NO:		WELL TYPE :				
DISTRICT		BJS, BRIGHTON		03		19		2014		Old Well	
WELL NAME AND NUMBER		UPRC #9-15F		JOHN R WUDARCZYK		05123170370000		WELL CLASS :		Gas	
WELL LOCATION :		LEGAL DESCRIPTION		COUNTY/PARISH		TD WELL DEPTH(ft)		GAS USED ON JOB :		No Gas	
16-4N-66W		Weld		Colorado		3,275		JOB TYPE CODE :		Squeeze-Top	
PRODUCT CODE	DESCRIPTION	UNIT OF MEASURE	QUANTITY	PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT				
100021	Class G Cement	sacks	150								
100112	Calcium Chloride	lbs	300								
100404	Sodium Chloride	lbs	100								
488019	FP-6L	gals	1								
499632	Granulated Sugar	lbs	100								
A152	Personnel Per Diem Chrg - Cement Svc	ea	1								
M100	Bulk Materials Blending Charge	cu ft	160								
SUB-TOTAL FOR Product Material											
SUB-TOTAL FOR Service Charges											
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.			
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS								CUSTOMER AUTHORIZED AGENT			
Allen Miller								BHI APPROVED			

CEMENT JOB REPORT



CUSTOMER NOBLE ENERGY INC - XML				DATE 19-MAR-14		F.R. # 10011053422		SERV. SUPV. JOHN R WUDARCZYK						
LEASE & WELL NAME UPRC #9-15F - API 05123170370000				LOCATION 16-4N-66W				COUNTY-PARISH-BLOCK Weld Colorado						
DISTRICT Brighton				DRILLING CONTRACTOR RIG # W/O				TYPE OF JOB Squeeze-Top						
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS		MD	TVD	HANGER TYPES		MD	TVD			
None		No Shoe		None		0	0	None		0	0			
		NA-Squeeze												
MATERIALS FURNISHED BY BJ				LAB REPORT NO.				PHYSICAL SLURRY PROPERTIES						
								SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
Fresh Water								0	8.34	0	0	00:00	2	
Fresh Water								0	8.3	0	0	00:00	5	
Cement Slurry								25	15.8	1.15	5.00		5.11	2.98
Fresh Water								0	8.34	0	0		10	
G Neat								125	15.8	1.15	5.00		25.56	14.88
Fresh Water								0	8.34	0	0	00:00	1	
Available Mix Water 80 Bbl.				Available Displ. Fluid 40 Bbl.				TOTAL				48.67	17.85	
HOLE			TBG-CSG-D.P.						COLLAR DEPTHS					
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE		
13	0	3275	4.052	4.5	10.5	CSG	3275	3275	N-80	0	0	0		
			1	1.25	0	TBG	3275	3275	J-55					
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.
8.1	8.63	24	CSG	509	509	NO PACKER		0	0	0	2.375	8RD	FRESH WATER	8.34
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				
2	BBLS	Fresh Water	8.34	0	0	0	6000	3500	6224	3500	Rig Tank			
		Fresh Water	8.34											
Circulation Prior to Job														
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 1				Circulation Rate: 1 BPM						
Mud Density In: 8.34 LBS/G				Mud Density Out: 8.34 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 type="checkbox"/> RECIPROICATION <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 checked="" 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 checked="" 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						

CEMENT JOB REPORT



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 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	4533 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
08:05	0	0	0	0	0	ARRIVE ON LOCATION (25 MILES)	
08:15	0	0	0	0	0	PRE RIG UP SAFETY MEETING	
08:50	0	0	0	0	0	PRE JOB MEETING	
09:01	4533	0	0	0	H2O	PRESSURE TEST PUMPS AND LINES	
09:04	2331	0	2	5	H2O	BREAK CIRCULATION	
09:15	1432	0	1.5	5	CMT	BATCH UP AND PUMP 25 SKS CLASS G @ 15.8# FROM 3275' - 3210'	
09:20	2044	0	1.7	2	H2O	DISPLACE	
09:22	0	0	0	0	H2O	SHUT DOWN / RIG PULLING TUBING TO 779'	
09:52	797	0	2.5	10	H2O	FRESH WATER	
09:59	655	0	2	25	CMT	BATCH UP AND PUMP 125 SKS GLASS G @ 15.8# FROM 779' - 396'	
10:16	439	0	2	1.5	H2O	DISPLACE	
10:17	0	0	0	0	H2O	SHUT DOWN / WASH UP	
10:45	0	0	0	0	0	POST JOB 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	Service Supervisor Signature:
Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	0	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	5	48.5	0	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	

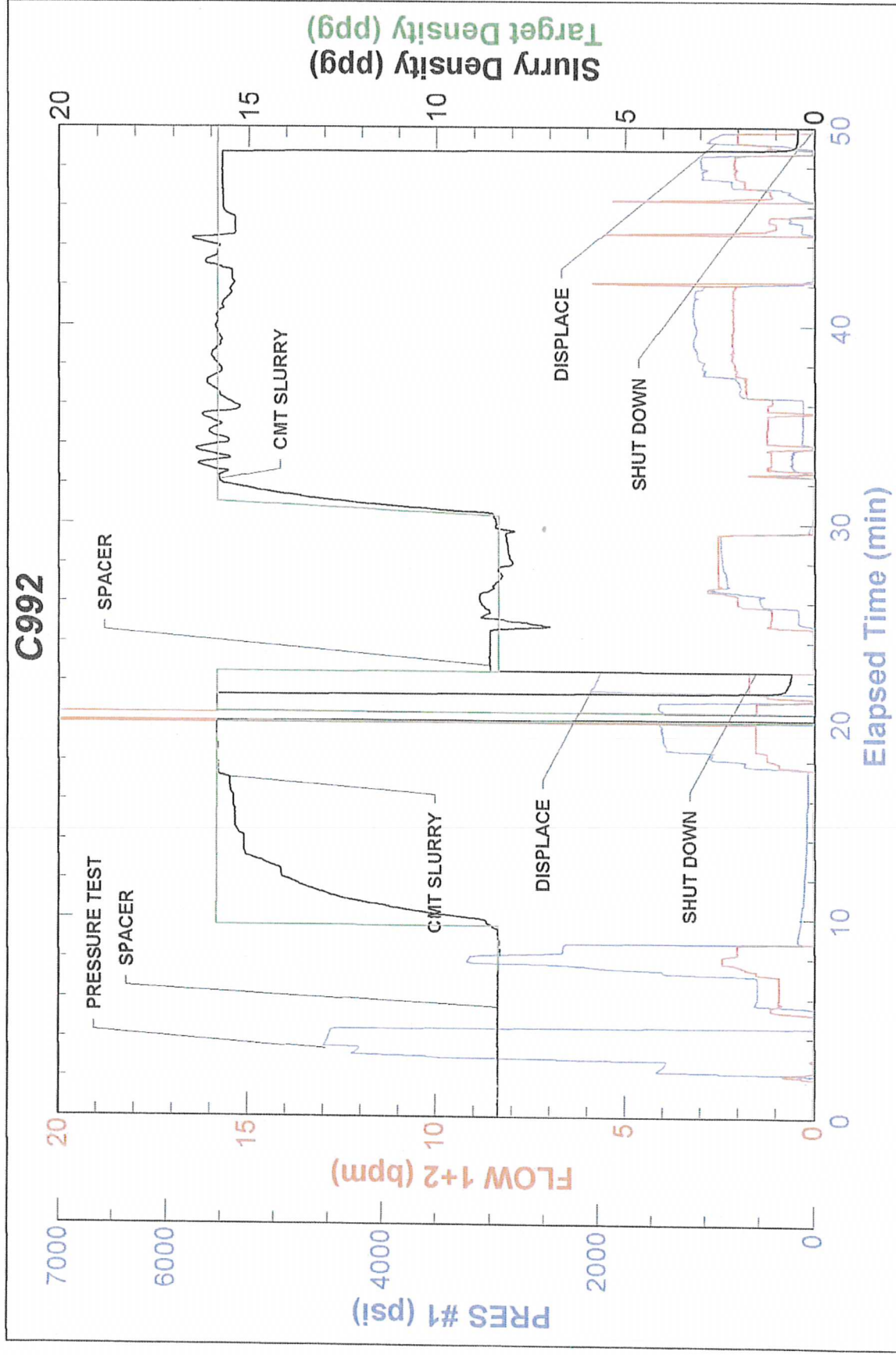


Baker Hughes JobMaster Program Version 3.60

Job Number: 10011053422

Customer: Noble

Well Name: UPRC # 9-15F



Operator Name: NOBLE ENERGY INC
Well Name: UPRC #9-15F
Job Description: Annular Fill
Date: March 17, 2014



Proposal No: 957450561A

JOB AT A GLANCE

Depth (TVD)	3,300 ft
Depth (MD)	3,300 ft
Hole Size	13 in
Casing Size/Weight	4 1/2 in, 10.5 lbs/ft
Pump Via	Tubing 1 2/3" O.D. (1.278" I.D.) 3.02
Total Mix Water Required	750 gals

Stage No: 1

Spacer

Fresh Water	10 bbls
Density	8.3 ppg

Cement Slurry

Cement Slurry	25 sacks
Density	15.8 ppg
Yield	1.15 cf/sack

Displacement

Fresh Water	6 bbls
Density	8.3 ppg

Stage No: 2	Stage Collar set @	759 ft
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Spacer

Fresh Water	10 bbls
Density	8.3 ppg

Cement Slurry

G Neat	125 sacks
Density	15.8 ppg
Yield	1.15 cf/sack

Displacement

Fresh Water	1 bbls
Density	8.3 ppg

Operator Name: NOBLE ENERGY INC
Well Name: UPRC #9-15F
Job Description: Annular Fill
Date: March 17, 2014



Proposal No: 957450561A

JOB AT A GLANCE (Continued)

WELL DEPTHS & TUBULAR CONFIGURATION IS ESTIMATED. VERIFY PROPER WELL & TUBULAR INFORMATION, PROPER JOB PROCEDURES, CEMENT VOLUMES, & DISPLACEMENT VOLUME WITH CUSTOMER'S REPRESENTATIVE

Direction: HWY 85 north to Hwy 256 west CR 31 North to CR 46 west 1/10 south into.

Operator Name: NOBLE ENERGY INC
 Well Name: UPRC #9-15F
 Job Description: Annular Fill
 Date: March 17, 2014



Proposal No: 957450561A

WELL GEOMETRY

Squeeze Depth	3,300 ft		
Tubing/Drill Pipe Size	1.660 in	1.278 in ID	3.02 lbs/ft
Casing Size	4.500 in	4.052 in ID	10.5 lbs/ft
Squeeze Temperature	123 °F		
Est. Static Temperature	146 °F		
Squeeze Depth	759 ft		
Tubing/Drill Pipe Size	1.660 in	1.278 in ID	3.02 lbs/ft
Casing Size	4.500 in	4.052 in ID	10.5 lbs/ft
Squeeze Temperature	80 °F		
Est. Static Temperature	95 °F		

FLUID SPECIFICATIONS

Spacer	= 10.0 bbls Fresh Water @ 8.3 ppg								
<table border="0"> <thead> <tr> <th>SLURRY NO.</th> <th>VOLUME CU-FT</th> <th>VOLUME FACTOR</th> <th>AMOUNT AND TYPE OF CEMENT</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>29</td> <td>/ 1.15</td> <td>= 25 sacks Class G Cement + 44.3% Fresh Water</td> </tr> </tbody> </table>	SLURRY NO.	VOLUME CU-FT	VOLUME FACTOR	AMOUNT AND TYPE OF CEMENT	1	29	/ 1.15	= 25 sacks Class G Cement + 44.3% Fresh Water	
SLURRY NO.	VOLUME CU-FT	VOLUME FACTOR	AMOUNT AND TYPE OF CEMENT						
1	29	/ 1.15	= 25 sacks Class G Cement + 44.3% Fresh Water						
Displacement	= 6.0 bbls Fresh Water @ 8.34 ppg								
Spacer	= 10.0 bbls Fresh Water @ 8.34 ppg								
2	143	/ 1.15	= 125 sacks Class G Cement + 44.3% Fresh Water						
Displacement	= 1.0 bbls Fresh Water @ 8.34 ppg								

CEMENT PROPERTIES

	SLURRY NO. 1	SLURRY NO. 2
Slurry Weight (ppg)	15.80	15.80
Slurry Yield (cf/sack)	1.15	1.15
Amount of Mix Water (gps)	5.00	5.00

TAKE A BAG OF SUGAR