

CEMENT JOB REPORT



CUSTOMER Noble Energy - Denver		DATE 06-MAY-10	F.R. # 1001613017	SERV. SUPV. RYAN SULLIVAN							
LEASE & WELL NAME RYANN STATE C #16-1 - API 05123255560000		LOCATION NENE Sec.16 - T4N - R64W		COUNTY-PARISH-BLOCK Weld Colorado							
DISTRICT Brighton		DRILLING CONTRACTOR RIG # Work-Over		TYPE OF JOB Long String							
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		PHYSICAL SLURRY PROPERTIES							
		SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY Bbl MIX WATER				
MATERIALS FURNISHED BY BJ											
Freshwater		0	8.34	0	0	00:00	2				
Class "G" Cement + Addis.		100	15.8	1.15	5.00	01:30	20.52 11.91				
Freshwater		0	8.34	0	0	00:00	3.2				
fresh		0	8.34	0	0	00:00	35				
Available Mix Water 80 Bbl.		Available Displ. Fluid 80 Bbl.		TOTAL		60.72 11.91					
HOLE			TBG-CSG-D.P.			COLLAR DEPTHS					
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE			
9	0	2106	4.5	11.6	CSG	2106					
LAST CASING			PKR-CMT RET-BR PL-LINER			PERF. DEPTH		TOP CONN			
SIZE	WGT	TYPE	DEPTH	BRAND & TYPE	DEPTH	TOP	BTM	SIZE	THREAD		
8.625	24	CSG	600	No packer	0	0	0	2.375	8RD		
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI		MAX CSG PSI		
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator	RATED	Operator	
3.2	BBLS	Freshwater	8.34	0	0	0	3000	2000	0	0	
		fresh	8.34							Rig	
Circulation Prior to Job											
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 1				Circulation Rate: 2 BPM			
Mud Density In: 8.4 LBS/GAL				Mud Density Out: 8.4 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: .1 BBLS							
Returns During Job: <input type="checkbox"/> NONE <input type="checkbox"/> PARTIAL <input checked="" type="checkbox"/> FULL				Method Used to Verify Returns: Visually							
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 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: 0				Competition: 0				Wiper Balls Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES			
Plug Catcher Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				Parabow Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				Quantity:			
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			
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							
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: None											

CEMENT JOB REPORT



Problems Before Job (I.E. Running Casing, Circulating Well, ETC)
N/A

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)
N/A

Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC)
N/A

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 3590 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
12:30	0	0	0	0	N/A	Pre-rig up safety meeting	
12:55	0	0	0	0	N/A	Pre-job safety meeting	
13:17	1490	0	0	0	WATER	Low pressure test	
13:18	3590	0	0	0	WATER	High pressure test	
13:20	700	0	1.1	2	WATER	Break circulation	
13:29	1290	0	1.6	19	CEMENT	Batch-up and pump 100 sx of Class G + 0.5% CaCl @ 15.8 ppg	
13:42	379	0	1.1	3.2	WATER	Displace	
13:47	0	0	0	0	N/A	Shut-down to pull tubing	
14:16	1100	0	3	35	WATER	Pump to clean tubing	
14:30	0	0	0	0	N/A	Shut-down, job done	
14:35	0	0	0	0	N/A	Pre-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"/>	0	59.2	0	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	

FIELD RECEIPT NO. 1001613017



CUSTOMER: Noble Energy - Denver
 STREET OR BOX NUMBER: 1625 Broadway Suite 2000
 CITY: Denver
 STATE: Colorado
 ZIP CODE: 80202

INVOICE TO: BRIGHTON
 WELL NAME AND NUMBER: RYANN STATE C #16-1
 WELL LOCATION: NENE Sec. 16 - T4N - R64W
 LEGAL DESCRIPTION: Weld
 COUNTY/PARISH: Colorado
 STATE: Colorado

CREDIT APPROVAL NO.: A10011235377
 PURCHASE ORDER NO.: 20077336 - 00227588
 CUSTOMER NUMBER: 20077336 - 00227588
 INVOICE NUMBER: 20077336 - 00227588

DATE WORK COMPLETED: MO. 05 DAY 06 YEAR 2010
 BJ SERVICES REPRESENTATIVE: RYAN SULLIVAN
 WELL API NO.: 0512325560000
 WELL TYPE: New Well

BJ SERVICES DISTRICT: Brighton
 JOB DEPTH (ft): 2,106
 WELL CLASS: Gas

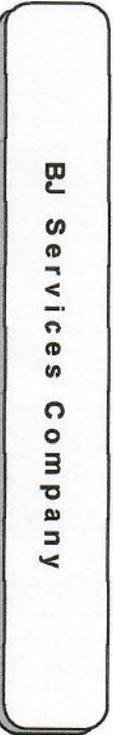
TD WELL DEPTH (ft): 6,969
 GAS USED ON JOB: No Gas
 JOB TYPE CODE: Long String

PRODUCT CODE	DESCRIPTION	UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT
100021	Class G Cement	sacks	100	27.000	2,700.00	30%	1,890.00
100112	Calcium Chloride	lbs	47	1.440	67.68	30%	47.38
488019	FP-6L	gals	1	93.500	93.50	30%	65.45
	SUB-TOTAL FOR Product Material				2,861.18	30.00%	2,002.83
A152	Personnel Surcharge - Cement Svc	ea	1	152.000	152.00	0%	152.00
M100	Bulk Materials Service Charge	cu ft	101	3.930	396.93	30%	277.85
	SUB-TOTAL FOR Service Charges				548.93	21.69%	429.85
F057A	Cement Pump Tubing, 2001 - 3000 ft	4hrs	1	5,850.000	5,850.00	30%	4,095.00
J225	Data Acquisition, Cement, Standard	job	1	1,540.000	1,540.00	30%	1,078.00
J390	Mileage, Heavy Vehicle	miles	68	8.550	581.40	30%	406.98
J391	Mileage, Auto, Pick-Up or Treating Van	miles	68	4.830	328.44	30%	229.91
	SUB-TOTAL FOR Equipment				8,299.84	30.00%	5,809.89

ARRIVE LOCATION: MO. 05 DAY 06 YEAR 2010 TIME 12:15
 CUSTOMER REP: Ed Luck
 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: _____
 BJ SERVICES APPROVED: _____

FIELD RECEIPT NO. 1001613017



CUSTOMER		Noble Energy - Denver		CREDIT APPROVAL NO.	A10011235377	PURCHASE ORDER NO.	CUSTOMER NUMBER		20077336 - 00227588	INVOICE NUMBER	
MAIL		STREET OR BOX NUMBER		1625 Broadway Suite 2000		CITY	Denver	STATE	Colorado	ZIP CODE	80202
INVOICE TO :	MO.	DAY	YEAR	BJ SERVICES REPRESENTATIVE	WELL API NO.	WELL TYPE :					
DATE WORK COMPLETED	05	06	2010	RYAN SULLIVAN	05123255560000	New Well					
BJ SERVICES DISTRICT	Brighton		JOB DEPTH (ft)		2,106	WELL CLASS :					
WELL NAME AND NUMBER	RYANN STATE C #16-1		TD WELL DEPTH (ft)		6,969	GAS USED ON JOB :					
WELL LOCATION :	NENE Sec.16 - T4N - R64W		COUNTY/PARISH	Weld	STATE	Colorado	JOB TYPE CODE :		Long String		
PRODUCT CODE	J401	DESCRIPTION		UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT		
		Bulk Delivery, Dry Products		ton-mi	161	2.850	458.85	30%	321.20		
		SUB-TOTAL FOR Freight/Delivery Charges					458.85	30.00%	321.20		
		FIELD ESTIMATE					12,168.80	29.63%	8,563.77		

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SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.
 CUSTOMER AUTHORIZED AGENT

SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS

CUSTOMER AUTHORIZED AGENT

BJ SERVICES APPROVED