



KANSAS CORPORATION COMMISSION 1057892
 OIL & GAS CONSERVATION DIVISION

Form ACO-1
 June 2009
 Form Must Be Typed
 Form must be Signed
 All blanks must be Filled

WELL COMPLETION FORM
 WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 33190
 Name: Noble Energy, Inc.
 Address 1: 1625 Broadway, Ste 2200
 Address 2: _____
 City: DENVER State: CO Zip: 80202 + _____
 Contact Person: Cheryl Johnson
 Phone: (303) 228-4437
 CONTRACTOR: License # 8273
 Name: Excell Services, LLC
 Wellsite Geologist: None
 Purchaser: _____

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil WSW SWD SLOW
 Gas D&A ENHR SIGW
 OG GSW Temp. Abd.
 CM (Coal Bed Methane)
 Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:
 Operator: _____

Well Name: _____
 Original Comp. Date: _____ Original Total Depth: _____
 Deepening Re-perf. Conv. to ENHR Conv. to SWD
 Conv. to GSW
 Plug Back: _____ Plug Back Total Depth _____
 Commingled Permit #: _____
 Dual Completion Permit #: _____
 SWD Permit #: _____
 ENHR Permit #: _____
 GSW Permit #: _____

<u>02/06/2011</u>	<u>02/07/2011</u>	<u>05/23/2011</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-023-21283-00-00
 Spot Description: _____
NE NE NW SE Sec. 31 Twp. 5 S. R. 39 East West
2442 Feet from North / South Line of Section
1458 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
 County: Cheyenne
 Lease Name: Rogers Well #: 33-31
 Field Name: _____

Producing Formation: Niobrara
 Elevation: Ground: 3590 Kelly Bushing: 3596
 Total Depth: 1567 Plug Back Total Depth: 1507
 Amount of Surface Pipe Set and Cemented at: 367 Feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set: _____ Feet
 If Alternate II completion, cement circulated from: _____
 feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan
 (Data must be collected from the Reserve Pit)
 Chloride content: 0 ppm Fluid volume: 0 bbls
 Dewatering method used: Evaporated
 Location of fluid disposal if hauled offsite: _____
 Operator Name: _____
 Lease Name: _____ License #: _____
 Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
 County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY	
<input type="checkbox"/> Letter of Confidentiality Received	Date: _____
<input type="checkbox"/> Confidential Release Date: _____	
<input checked="" type="checkbox"/> Wireline Log Received	
<input type="checkbox"/> Geologist Report Received	
<input type="checkbox"/> UIC Distribution	
ALT <input checked="" type="checkbox"/> I <input type="checkbox"/> II <input type="checkbox"/> III	Approved by: <u>Deanna Garcia</u> Date: <u>06/17/2011</u>



1057892

Operator Name: Noble Energy, Inc. Lease Name: Rogers Well #: 33-31
 Sec. 31 Twp. 5 S. R. 39 East West County: Cheyenne

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken (Attach Additional Sheets)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Niobrara	1350	
Electric Log Run	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Submitted Electronically (If no, Submit Copy)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				
Triple Combo, CBL/CCL/GR				

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
surface	9.875	7	17	367	50/50 POZ	158	3% CaCl 2% gel
Production	6.25	4.5	11.6	1550	50/50 POZ	96	12% gel 2% CaCl

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
— Perforate				
— Protect Casing				
— Plug Back TD	-			
— Plug Off Zone	-			

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
3	1346 - 1376 perf intervals	500 gal 7.5% HCL acid; 114 bbls MAV-100 gelled	
	(30' -90 holes) .410 EHD 120 Deg	water pad; 256 bbls MAV-100 Gelled water w/50,000#	
		16/30 Daniels Sand & 50,160 12/20 Daniels Sand.	
		Flush w/8.40 bbls MAV-100 Gelled water.	

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. 06/03/2011	Producing Method: <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____			
Estimated Production Per 24 Hours	Oil Bbls. 0	Gas Mcf 50	Water Bbls. 0	Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled (Submit ACO-5) (Submit ACO-4)	PRODUCTION INTERVAL: _____ _____
<input type="checkbox"/> Other (Specify) _____		



BISON

Bison Oil Well Cementing Inc.
 1738 Wynkoop St.
 Suite 102
 Denver, CO 80202
 303-296-3010

Invoice

Date	Invoice #
2/6/2011	9451

Bill To
Excell Services, LLC 36629 US HIGHWAY 385 Wray, CO 80758

Location	Well Name & No.	Terms	Rig
Cheyenne KS	Rogers 33-31	Net 30	

Item	Description	Qty	U/M	Rate	Amount
Pump surface	PUMP Charge-surface pipe	1		1,400.00	1,400.00
MILEAGE	Mileage charge	176		3.00	528.00
	Subtotal of Services				1,928.00
Centralizer 7"	Centralizer 7"	1		72.00	72.00
B3-Lite	50/50 Poz (3%)	158	Sack	16.00	2,528.00
	Subtotal of Materials				2,600.00
Discount	Discount			-252.80	-252.80

Please Remit Invoices To:

Bison Oil Well Cementing, Inc.
 P.O. Box 29671
 Thornton, CO 80229

Subtotal	\$4,275.20
Sales Tax (8.3%)	\$303.76
Total	\$4,478.96
Balance Due	\$4,478.96

X 11090
 \$4,926.96

RECEIVED

FEB 15 2011

BISON OIL WELL CEMENTING, INC.



1738 Wynkoop St., Ste. 102
 Denver, Colorado 80202
 Phone: 303-296-3010
 Fax: 303-298-8143
 E-mail: bisonoil@questoffice.net

REF. INVOICE # 9451
 LOCATION Goodland
 FOREMAN Randy Newton

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
2-6-11	Rogers 33-31	31	5S	39W	Cherokee	
CHARGE TO	OWNER		OPERATOR			
MAILING ADDRESS	Noble					
CITY	CONTRACTOR		EXCELL T-2			
STATE ZIP CODE	DISTANCE TO LOCATION		88 mi			
TIME ARRIVED ON LOCATION	TIME LEFT LOCATION		6:30 pm / 8:15 pm			

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
9 5/8					
TOTAL DEPTH	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNUBUS LONG		
372					
	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE	TUBING CONDITION		TUBING		
7"					
CASING DEPTH	PACKER DEPTH	TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
366	326'		SURFACE PIPE		BREAKDOWN BPM
CASING WEIGHT			PRODUCTION CASING		INITIAL BPM
175			SQUEEZE CEMENT		FINAL BPM
CASING CONDITION			ACID BREAKDOWN		INITIAL BPM
good			ACID STIMULATION		MAXIMUM BPM
			ACID SPOTTING		AVERAGE BPM
			MISC PUMP		
			OTHER		HYD HEAD = RATE X PRESSURE X 4.05

PRESSURE SUMMARY		TREATMENT RATE	
BREAKDOWN or CIRCULATING	AVERAGE		
FINAL DISPLACEMENT	ISP		
ANNULUS	5 MIN SP		
MAXIMUM	15 MIN SP		
ANNULUS	30 MIN SP		

INSTRUCTIONS PRIOR TO JOB: M.J.R.U. 5m line mtp 158 sk of B3-line @ 15.2 lb/gal water
 req. at 4.7K gal/d. 18 BPH max. yield of 1.13 cu ft/sk. Displace w/ 1 1/2 bbls H₂O
 shut in on rig down

84% excess as per Mark 7.30 tool pusher
 JOB SUMMARY: M.J.R.U. 5m line mtp. Displace on shut in
 DESCRIPTION OF JOB EVENTS: 6:30 pm 7:30 7:35 7:38 7:48 pm 7:53
 Rig down 7:52/10 #10
 8:00 pm 7:53 13K 200

3 BBLs cement A. P. 7

AUTHORIZATION TO PROCEED: [Signature] TITLE: Push DATE: 2/6/11

Customer hereby acknowledges and specifically agrees to the terms and conditions on this work order, including, without limitation, the provisions on the reverse side thereof which exclude the release and indemnity.



BISON

Bison Oil Well Cementing Inc.
 1738 Wynkoop St.
 Suite 102
 Denver, CO 80202
 303-296-3010

pc
Arum

Invoice

Date	Invoice #
2/7/2011	8452

Bill To:
Excell Services, LLC 36629 US HIGHWAY 385 Wray, CO 80758

		Location	Well Name & No.	Terms	Rig
		Cheyenne, KS	Rogers 33-31	Net 30	
Item	Description	Qty	U/M	Rate	Amount
Pump-long string	PLUMP charge-long string	1		2,000.00	2,000.00
MILEAGE	Milage charge	176		3.00	\$288.00
	Subtotal of Services				2,528.00
Centrilizer 4.5	4 1/2 Centrilizer	8		42.00	336.00
Float shoe w/lg...	Float shoe with large ball 4-1/2	1		285.00	285.00
LD Plug-4 1/2	LD Plug & Bottle - 4 1/2	1		253.00	253.00
N-Gel-12	Lead 12lb	40	Sack	16.00	640.00
Discount	Discount			-64.00	-64.00
RG-Lite	Tail 13.8 lb/gal 50/50 Poz	56	Sack	16.00	896.00
Discount	Discount			-89.60	-89.60
	Subtotal of Materials				2,256.40
					4,784.40

Please Remit Invoices To:

Bison Oil Well Cementing, Inc.
 P.O. Box 29671
 Thornton, CO 80229

Subtotal	\$4,784.40
Sales Tax (8.3%)	\$394.41
Total	\$4,978.81
Balance Due	\$4,978.81

✕ 110%
 \$ 5,476.69

RECEIVED
 FEB 18 2011

BISON OIL WELL CEMENTING, INC.



1738 Wynkoop St., Ste. 102
 Denver, Colorado 80202
 Phone: 303-298-3010
 Fax: 303-298-8143
 E-mail: bisonoil@qwestoffice.net

REF. INVOICE # 8452
 LOCATION St Francis
 FOREMAN Justin Crnkovic

TREATMENT REPORT

DATE <u>2-7-11</u>	WELL NAME <u>Rogers 33-31</u>	SECTION <u>31</u>	TYP <u>55</u>	RGE <u>39W</u>	COUNTY <u>Cheyenne</u>	FORZATWIN
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CHANGE TO <u>Excell</u>	OWNER
MAILING ADDRESS	OPERATOR
CITY	CONTRACTOR
STATE ZIP CODE	INSTANCE TO LOCATION <u>88</u>
TIME ARRIVED ON LOCATION <u>3:15pm</u>	TIME LEFT LOCATION <u>8:00pm</u>

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <u>6 1/4</u>	TUBING SIZE	PERFORATIONS		THEORETICAL	UNSTRUCTURED
TOTAL DEPTH <u>1567</u>	TUBING DEPTH	SUBT/SFT	SURFACE PIPE ANNULUS LOGD		
	TUBING WEIGHT	OPEN HOLE	STURK		
CASING SIZE <u>4 1/2</u>	TUBING CONDITION		TUBING		
CASING DEPTH <u>1550</u>	<u>PB 1507</u>	TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT <u>116</u>	PACKER DEPTH		<input type="checkbox"/> SURFACE PIPE	BREAKDOWN BPM	
CASING CONDITION <u>fair</u>			<input checked="" type="checkbox"/> PRODUCTION CASING	INITIAL BPM	
			<input type="checkbox"/> SQUEEZE CEMENT	FINAL BPM	
			<input type="checkbox"/> ACID BREAKDOWN	INITIAL BPM	
			<input type="checkbox"/> ACID STIMULATION	MAXIMUM BPM	
			<input type="checkbox"/> ACID SPITTING	AVERAGE BPM	
			<input type="checkbox"/> FASC PUMP		
			<input type="checkbox"/> OTHER	1000 IOP = RATE X PRESSURE X 40.8	

PRESSURE SUMMARY			
BREAKDOWN or CIRCULATING psf	AVERAGE psf	15 MIN SP psf	
FRIAL DISPLACEMENT gal	IOP		
ANNULUS psf			
MAXIMUM psf			
MINIMUM psf			

INSTRUCTIONS PRIOR TO JOB MIRU Safety Circ @ MTP 40 sks of N-gel-12 yield of 2.64 Mix 15 bbls of H2O 1/2 H2O Reg 15.6 gal/sks @ 12 lbs @ MTP 56 sks of BG Lite yield of 1.35 Mix 13 bbls of H2O 1/2 H2O Reg 9.7 gal/sks @ 13.8 Drop Plug Displace 23.3 bbls of H2O

Annulus 1026 Capacity 10155

JOB SUMMARY
 DESCRIPTION OF JOB EVENTS MIRU Safety Circ @ MTP @ MTP Drop Plug Displace
3:15pm 6:45pm 6:50pm 6:55pm 7:03pm 7:13pm 7:15pm

Set @ <u>7:37</u>	Held @ <u>1100</u>	Displace
		<u>7:21 10 330</u>
		<u>7:26 20 530</u>
		<u>7:36 23.3 1100</u>

8 bbls to pit

Sam Chavira Field Rep 2-7-11
 AUTHORIZATION TO PROCEED TITLE DATE

Customers hereby acknowledge and specifically agree to the terms and conditions on this work order, including, without limitation, the provisions on the reverse side hereof which include the release and indemnity.



KB : 6 Ft

Casing: 7 inch

Well Name: Rogers 33-31 Location: Sec 33, 5S, 39W, Cheyenne Co.

Joint No.	Joint Length, Ft	Total Footage, Ft	Depth KB, Ft (base of jt)	Depth KB, Ft (top of jt)	Wt/ Grade	Description
	0.00	0.00			17	
1	43.81	43.81	-366.61	-322.80		Centralizer
2	41.94	85.75	-280.86	-280.86		
3	36.55	122.30	-244.31	-244.31		
4	41.63	163.93	-202.68	-202.68		
5	41.78	205.71	-160.90	-160.90		
6	36.83	242.54	-124.07	-124.07		
7	41.58	284.12	-82.49	-82.49		
8	42.15	326.27	-40.34	-40.34		
9	34.34	360.61				
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31						
TOTAL	360.61					

Jts Ran: 9
Meas: 360.61
Set @: 366.61
Approx TD @ 372
Threads On 362.39



KB-GL: 2708 F1

Casing: 4.5 11.8 # J-55

Well Name: Rogers 33-31

Location: Sec 33, 5S, 39W, Cheyenne Co. KS

Joint No.	Joint Length, Ft	Total Footage, Ft	Depth KB, Ft (base of J)	Depth KB, Ft (top of J)	WV Grade	Description
1	0.92	0.92	-1550.29	-1549.37		AFU SHOE
2	42.11	43.03	-1549.37	-1507.26	-11.68J-55	Centralizer & Latch
3	42.23	85.26	-1507.26	-1465.03		Centralizer
4	42.23	127.40	-1465.03	-1422.80		Centralizer
5	42.23	169.72	-1422.80	-1380.57		Centralizer
6	42.21	211.93	-1380.57	-1338.36		Centralizer
7	42.18	254.09	-1338.36	-1296.20		Centralizer
8	42.18	296.25	-1296.20	-1254.04		Centralizer
9	42.18	338.43	-1254.04	-1211.86		Centralizer
10	42.17	380.60	-1211.86	-1169.69		
11	43.08	423.68	-1169.69	-1128.61		
12	42.05	465.73	-1128.61	-1084.56		
13	43.18	508.91	-1084.56	-1041.38		
14	44.04	552.95	-1041.38	-997.34		
15	45.82	598.77	-997.34	-951.52		
16	41.08	639.85	-951.52	-910.44		
17	40.12	679.87	-910.44	-870.32		
18	42.85	722.82	-870.32	-827.47		
19	35.10	757.92	-827.47	-782.37		
20	44.10	802.02	-782.37	-748.27		
21	43.68	845.68	-748.27	-704.61		
22	36.83	882.61	-704.61	-667.68		
23	39.37	921.98	-667.68	-628.31		
24	39.45	961.43	-628.31	-588.86		
25	38.04	999.47	-588.86	-550.82		
26	43.10	1042.57	-550.82	-507.72		
27	35.25	1077.82	-507.72	-472.47		
28	39.74	1117.56	-472.47	-432.73		
29	43.52	1161.08	-432.73	-388.21		
30	43.75	1204.83	-388.21	-345.48		
31	45.88	1250.71	-345.48	-299.80		
32	43.13	1293.84	-299.80	-256.67		
33	42.00	1335.84	-256.67	-213.77		
34	35.77	1371.61	-213.77	-178.00		
35	43.26	1415.55	-178.00	-134.74		
36	42.77	1458.32	-134.74	-91.97		
37	42.85	1501.17	-91.97	-49.12		
38	43.12	1544.29	-49.12	-6.00		
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85						
TOTAL		1544.29				

JTs Ran 37
 Meas w/shoe 1544.29
 Set @ 1550.29
 PBD @ 1507.26
 Threads On 1551.46