



KANSAS CORPORATION COMMISSION 1057933  
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>02/17/2011</u>	<u>02/17/2011</u>	<u>06/01/2011</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-023-21275-00-00

Spot Description: \_\_\_\_\_  
N2 NW SW NE Sec. 32 Twp. 5 S. R. 39  East  West  
1480 Feet from  North /  South Line of Section  
2310 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE     NW     SE     SW

County: Cheyenne

Lease Name: Rogers Well #: 32-32B

Field Name: \_\_\_\_\_

Producing Formation: Niobrara

Elevation: Ground: 3603 Kelly Bushing: 3609

Total Depth: 1566 Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: 388 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

- Letter of Confidentiality Received  
Date: \_\_\_\_\_  
 Confidential Release Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
ALT  I  II  III Approved by: Deanna Garrison Date: 06/20/2011



1057933

Operator Name: Noble Energy, Inc. Lease Name: Rogers Well #: 32-32B  
 Sec. 32 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 <i>(Attach Additional Sheets)</i>	<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	1374
Electric Log Run	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Electric Log Submitted Electronically <i>(If no, Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
List All E. Logs Run:			
Triple Combo CBUCCL/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	388	50/50 POZ	175	3% CaCl 2% gel
Production	6.25	4.5	11.6	1537	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 <i>(Amount and Kind of Material Used)</i>	Depth
3	1346-1374 perf intervals	500 gal 7.5% HCL acid; 114 bbls MAV-100 gelled wtr pad	
	(28' 84 holes) .410 EH 120 Deg	256 bbls MAV-100 gelled wtr w/50,000# 16/30 Daniels	
		Sand & 50,040 12/20 Daniels Sand.	
		Flush w/8.30 bbls MAV-100 gelled water	

TUBING RECORD: Size: \_\_\_\_\_ Set At: \_\_\_\_\_ Packer At: \_\_\_\_\_ Liner Run:  Yes  No

Date of First, Resumed Production, SWD or ENHR. 06/13/2011

Producing Method:  Flowing  Pumping  Gas Lift  Other (Explain) \_\_\_\_\_

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	0	79	0		

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5) (Submit ACO-4)</i>	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 #
2/17/2011	9457

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

Location	Well Name & No.	Terms	Rig
Cheyenne, KS	Rogers 32-32B	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	174		3.00	522.00
	Subtotal of Services				1,922.00
Centralizer 7"	Centralizer 7"	1		77.50	77.50T
B3-Lite Discount	50/50 Poz (3%) Discount	175	Sack	16.00 -280.00	2,800.00T -280.00
B3-Lite Discount	50/50 Poz (3%) Discount	17	Sack	16.00 -27.20	272.00T -27.20
	Subtotal of Materials				2,842.30
					4,764.30

Please Remit Invoices To:

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

Subtotal	\$4,764.30
Sales Tax (8.3%)	\$246.07
Total	\$5,010.37
Balance Due	\$5,010.37

RECEIVED  
 FEB 28 2011

x 110%  
 \$5,511.41

# BISON OIL WELL CEMENTING, INC.



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

REF. INVOICE # 9457

LOCATION ST Francis KS

FOREMAN Justin Crinkley

## TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
2-17-11	Rogers 32-32 B	32	55	39 W	Cheyenne	

OWNER TO <u>Excell</u>	OWNER
LANDING ADDRESS	OPERATOR
CITY	CONTRACTOR <u>Excell Rig 2</u>
STATE ZIP CODE	DISTANCE TO LOCATION <u>87</u>
TIME ARRIVED ON LOCATION <u>12:00pm</u>	TIME LEFT LOCATION <u>3:00pm</u>

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <u>9 7/8"</u>	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
TOTAL DEPTH <u>393</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULLUS LOGS		
	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE <u>7"</u>	TUBING CONDITION		TUBING		

PRESSURE SUMMARY			TYPE OF TREATMENT		TREATMENT RATE
ENTERING GEL CIRCULATING (psi)	AVERAGE (psi)		<input type="checkbox"/> SURFACE PIPE	BREAKDOWN (BPM)	
FINAL DISPLACEMENT (psi)	ISP (psi)		<input type="checkbox"/> PRODUCTION CASING	INITIAL BPM	
ANNULUS (psi)	5.1M1 SP (psi)		<input type="checkbox"/> SQUEEZE CEMENT	FINAL BPM	
MAXIMUM (psi)	15 M1.5M' (psi)		<input type="checkbox"/> ACID BREAKDOWN	MAXIMUM BPM	
AIRBURN (psi)			<input type="checkbox"/> ACID STIMULATION	AVERAGE BPM	
			<input type="checkbox"/> ACID SPOTTING		
			<input type="checkbox"/> MISC PUMP		
			<input type="checkbox"/> OTHER	HYD HP = RATE X PRESSURE X 4.08	

INSTRUCTIONS PRIOR TO JOB MIRU Safety Circ M+P 175 sks of B3 Lite 4/113 yield of 1.13 Mix 20 bbls of H2O 4/113 Reg. 4.78 gal/sks @ 15.2 Drops Displace 14.6 bbls of H2O shut in

Annulus, 2647 Capacity .0415

JOB SUMMARY MIRU Safety Circ M+P Dropples Displace Shut in

DESCRIPTION OF JOB EVENTS

12:00pm	1:45pm	1:50pm	2:00pm	2:26pm	2:30pm	2:35pm
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2:32pm 10 200  
 2:35pm 14.4 200

14 bbls top pt

Called back to do Top Job - Mixed 4 bbls of H2O with 17 sks of B3 Lite

Justin Crinkley Push 2/17/11  
 AUTHORIZATION TO PROCEED TITLE DATE

Customers hereby acknowledges and specifically agrees 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



# BISON

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

## Invoice

Date	Invoice #
2/18/2011	9458

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

		Location	Well Name & No.	Terms	Rig
		Cheyenne, KS	Rogers 32-32B	Net 30	
Item	Description	Qty	U/M	Rate	Amount
Pump-long string	PUMP charge-long string	1		2,000.00	2,000.00
MILEAGE	Mileage charge	174		3.00	522.00
	Subtotal of Services				2,522.00
LD Plug -4 1/2"	LD Plug & Baffle - 4 1/2"	1		253.00	253.00T
Float Shoe 4 1/2"	Float Shoe 4 1/2"	1		285.00	285.00T
Centralizer 4 1/2"	Centralizer 4 1/2"	8		42.00	336.00T
N-Gel-12	Lead 12lb	40	Sack	16.00	640.00T
Discount	Discount			-64.00	-64.00
BG-Lite	Tail 13.8 lb/gal 50/50 Poz	56	Sack	16.00	896.00T
Discount	Discount			-89.60	-89.60
	Subtotal of Materials				2,256.40
					4,778.40

Please Remit Invoices To:

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

<b>Subtotal</b>	\$4,778.40
<b>Sales Tax (8.3%)</b>	\$194.41
<b>Total</b>	\$4,972.81
<b>Balance Due</b>	\$4,972.81

x 110%  
 \$ 5,470.09

RECEIVED  
 FEB 28 2011

# BISON OIL WELL CEMENTING, INC.



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

REF. INVOICE # 9458  
 LOCATION \_\_\_\_\_  
 FOREMAN \_\_\_\_\_

## TREATMENT REPORT

DATE <u>2/18/11</u>	WELL NAME <u>Rogers 32-32B</u>	SECTION <u>32</u>	TWP <u>5</u>	RGE <u>39</u>	COUNTY <u>Cherokee</u>	FORMATION
CHARGE TO <u>EXCELL</u>		OWNER				
MAILING ADDRESS		OPERATOR				
CITY		CONTRACTOR <u>EXCELL Rig 2</u>				
STATE ZIP CODE		DISTANCE TO LOCATION <u>87 mi</u>				
TIME ARRIVED ON LOCATION <u>3:05 p.m.</u>		TIME LEFT LOCATION <u>4:00 p.m.</u>		PRESSURE LIMITATIONS		

WELL DATA			PRESSURE LIMITATIONS	
HOLE SIZE	TUBING SIZE	PERFORATIONS	THEORETICAL	INSTRUCTED
<u>10 1/4</u>				
TOTAL DEPTH <u>1560</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS (LMB)	
	TUBING WEIGHT	OPEN HOLE	STRING	
CASING SIZE <u>4 1/2</u>	TUBING CONDITION		TUBING	
CASING DEPTH <u>1537</u>		TREATMENT VIA	TREATMENT RATE	
CASING WEIGHT <u>11.6</u>	PACKER DEPTH <u>P.B. 1494'</u>		( ) SURFACE PIPE	BREAKDOWN BPM
CASING CONDITION <u>good</u>			( ) PRODUCTION CASING	INITIAL BPM
			( ) SQUEEZE CEMENT	FINAL BPM
			( ) ACID BREAKDOWN	WARNING BPM
			( ) ACID STIMULATION	MAXIMUM BPM
			( ) ACID SPOTTING	AVERAGE BPM
			( ) AIRSC PUMP	
			( ) OTHER	HYD INP = RATE X PRESSURE X JOB

INSTRUCTIONS PRIOR TO JOB MVP 40 sts of Lead & 50 sts tail. Capacity = 0155  
Displace 23 bbl

No loss fluid, 20% excess in lead per Sun Charter

JOB SUMMARY

DESCRIPTION OF JOB EVENTS

<u>Max P</u>	<u>Deep plug</u>	<u>Displace</u>	<u>Shut-in</u>	<u>Safety 4:18 p.m.</u>
			<u>4:53</u>	
<u>4:21 p.m.</u>	<u>4:44 p.m.</u>	<u>4:50 p.m. 10</u>	<u>120</u>	
		<u>4:54 p.m. 20</u>	<u>400</u>	
<u>4:32 p.m.</u>		<u>4:57 p.m. 23</u>	<u>1100</u>	

5 bbl to pit

S. Charts Field Rep 2-18-11  
 AUTHORIZATION TO PROCEED TITLE DATE

Customer hereby acknowledges and specifically agrees 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 32-32B

Location: Sec 32, 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	45.02	45.02	-387.61	-342.59		Centralizer
2	40.73	85.75	-342.59	-301.86		
3	43.73	129.48	-301.86	-258.13		
4	42.43	171.91	-258.13	-215.70		
5	42.00	213.91	-215.70	-173.70		
6	42.05	255.96	-173.70	-131.65		
7	44.06	300.02	-131.65	-87.59		
8	40.23	340.25	-87.59	-47.36		
9	41.36	381.61	-47.36	-6.00		
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29						
30						
31						
TOTAL	381.61					

# Jts Ran 9  
 Meas. 381.61  
 Set @ 387.61  
 Aprox TD @ 393  
 Threads On 383.39



KB-GL: 6 FI

Casing: 4.5 11.6 # J-55

Well Name: Rogers 32-32B

Location: Sec 32, 6S, 39W, Cheyenne Co, KS

Joint No.	Joint Length, Ft	Total Footage, Ft	Depth KB, Ft (base of j)	Depth KB, Ft (top of j)	W/ Grade	Description
1	0.92	0.92	-1537.15	-1538.23	11.6#J-55	AFU SHOE
2	42.10	43.02	-1538.23	-1494.13		Centralizer & Latch
3	42.13	85.15	-1494.13	-1452.00		Centralizer
4	42.12	127.27	-1452.00	-1409.88		Centralizer
5	42.10	169.37	-1409.88	-1367.78		Centralizer
6	42.09	211.46	-1367.78	-1325.69		Centralizer
7	42.05	253.51	-1325.69	-1283.64		Centralizer
8	14.02	267.53	-1283.64	-1289.82		Centralizer
9	42.12	309.65	-1289.82	-1227.50		Centralizer
10	42.13	351.78	-1227.50	-1185.37		
11	42.17	393.95	-1185.37	-1143.20		
12	42.12	436.07	-1143.20	-1101.08		
13	42.13	478.20	-1101.08	-1058.95		
14	42.08	520.28	-1058.95	-1016.87		
15	42.14	562.42	-1016.87	-974.73		
16	42.08	604.50	-974.73	-932.65		
17	42.09	646.59	-932.65	-890.56		
18	42.12	688.71	-890.56	-848.44		
19	42.15	730.86	-848.44	-806.29		
20	42.10	772.96	-806.29	-764.19		
21	42.09	815.05	-764.19	-722.10		
22	42.16	857.20	-722.10	-679.95		
23	42.10	899.30	-679.95	-637.85		
24	42.08	941.39	-637.85	-595.76		
25	42.12	983.51	-595.76	-553.64		
26	42.13	1025.64	-553.64	-511.51		
27	42.12	1067.76	-511.51	-469.39		
28	42.13	1109.89	-469.39	-427.28		
29	42.11	1152.00	-427.28	-385.15		
30	42.14	1194.14	-385.15	-343.01		
31	42.17	1236.31	-343.01	-300.84		
32	42.14	1278.45	-300.84	-258.70		
33	42.10	1320.55	-258.70	-216.60		
34	42.07	1362.62	-216.60	-174.53		
35	42.18	1404.80	-174.53	-132.35		
36	42.12	1446.92	-132.35	-90.23		
37	42.13	1489.05	-90.23	-48.10		
38	42.10	1531.15	-48.10	-8.00		
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84						
85						
TOTAL		1531.15				

JTs Ran 37  
 Meas w/shoe 1531.15  
 Set @ 1537.15  
 PBTD @ 1494.13  
 Threads On 1538.32