



KANSAS CORPORATION COMMISSION 1073498  
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: NA  
Purchaser: \_\_\_\_\_

Designate Type of Completion:

- New Well     Re-Entry     Workover
- Oil     WSW     SWD     SIOW  
 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>2/5/2011</u>	<u>2/6/2011</u>	<u>2/6/2011</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-023-21279-00-00  
Spot Description: \_\_\_\_\_  
     NW SW NE Sec. 31 Twp. 5 S. R. 39  East  West  
1650 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 #: 32-31B  
Field Name: \_\_\_\_\_  
Producing Formation: Niobrara  
Elevation: Ground: 3560 Kelly Bushing: 3566  
Total Depth: 1570 Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at: 331 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: 02/07/2012



1073498

Operator Name: Noble Energy, Inc. Lease Name: Rogers Well #: 32-31B  
 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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run:  Triple Combo	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Niobrara</td> <td>1342</td> <td></td> </tr> </table>	Name	Top	Datum	Niobrara	1342	
Name	Top	Datum					
Niobrara	1342						

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	331	50/50 POZ	140	3% CaCl 2% gel

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

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

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input 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 type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input checked="" type="checkbox"/> Other (Specify) <b>Plugged - not completed</b>	PRODUCTION INTERVAL: _____ _____
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KB: 6 Ft

Casing: 7 Inch

Well Name: Rogers 32-31B

Location: Sec 31, 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	41.71	41.71	-331.20	-289.49		Centralizer
2	34.88	76.57	-289.49	-254.63		
3	41.78	118.35	-254.63	-212.85		
4	42.05	160.40	-212.85	-170.80		
5	41.70	202.10	-170.80	-129.10		
6	37.47	239.57	-129.10	-91.63		
7	43.14	282.71	-91.63	-48.49		
8	42.49	325.20	-48.49	-6.00		
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
TOTAL	325.20					

# Jts Ran : 8  
 Meas : 325.20  
 Set @ : 331.20  
 Approx TD @ : 336  
 Threads On : 326.78



KB-GL: 22-6-F

Casing: P&A

Well Name: Rogers 92-318      Location: Sec 31, 5S, 39W, Cheyenne Co. KS

Joint No.	Joint Length, Ft	Total Footage, Ft	Depth KB, Ft (base of jt)	Depth KB, Ft (top of jt)	WV Grade	Description
1					P&A	
2					85 SX	ACROSS ZONE 1384 TO 881
3						
4					85 SX	HALF IN HALF OUT
5						172 TO SURFACE
6						
7					105X	SURFACE
8						FROM 80 TO SURFACE
9						
10						
11					85 SX TOTAL	

# BISON OIL WELL CEMENTING, INC.



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

REF. INVOICE # 8451  
 LOCATION St Francis KS  
 FOREMAN Justin Crabbaw

## TREATMENT REPORT

DATE <b>2-5-11</b>	WELL NAME <b>Rogers 32-31B</b>	SECTION <b>31</b>	TWP <b>55</b>	RGE <b>39W</b>	COUNTY <b>Cherokee</b>	FEDERATION
CHARGE TO <b>Excell</b>		OWNER				
MAILING ADDRESS		OPERATION				
CITY		CONTRACTOR				
STATE ZIP CODE		DISTANCE TO LOCATION <b>89</b>				
TIME ARRIVED ON LOCATION <b>3:15</b>		TIME LEFT LOCATION				

WELL DATA			PRESSURE LIMITATIONS			
INLET SIZE	TUBING SIZE	PERFORATIONS	THEORETICAL		INSTRUCTED	
<b>4 7/8</b>			SURFACE PIPE ANNULUS LONG			
TOTAL DEPTH <b>336</b>	TUBING DEPTH	SHOT/BPT	STRONG			
	TUBING WEIGHT	OPEN HOLE	TUBING			
CASING SIZE <b>7</b>	TUBING CONTINUITY	TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE	
CASING DEPTH <b>331</b>	<b>PB 291</b>		<input checked="" type="checkbox"/> SURFACE PIPE	BREAKDOWN DPM		
CASING WEIGHT <b>17</b>	PACKER DEPTH		<input type="checkbox"/> PRODUCTION CASING	INITIAL DPM		
CASING CONDITION <b>Good</b>			<input type="checkbox"/> SOBEZ GEMITY	FINAL DPM		

PRESSURE SUMMARY			
BREAKDOWN or CIRCULATING psi	AVG. PRESSURE psi	ACID BREAKDOWN	MINIMUM DPM
PISTON DISPLACEMENT cu ft	ROP	ACID STIMULATION	MAXIMUM DPM
ANNULUS	PS MIN. ST.	ACID SPOTTING	AVERAGE DPM
ISOLATION	IS MIN. ST.	MISC FLUID	WELL HEAD RATE & PRESSURE @ 0.0
ISOLATION	IS MIN. ST.	OTHER	

INSTRUCTIONS PERTAINING TO JOB **MIRU Safety Circ MTP 140SKS of B3Lite Yield of 1.13 M<sup>3</sup> 16 bbls of H<sub>2</sub>O Yield of 4.78 cu bbls @ 15.2 Displace 12 bbls of H<sub>2</sub>O Skutin**

**Annulus 3245 Case 14 0415 80% excess**

JOB SUMMARY DESCRIPTION OF JOB EVENTS **MIRU Safety Circ MTP Displace Skutin**

**3:15pm 3:38pm 3:40pm 3:41pm 3:55pm 4:00pm**

**3:55 10 200  
4:00 12 180**

**6 bbls to pit Day House water Temp 39°F at valve**

**Justin Crabbaw** **Push** **2/5/11**  
 AUTHORIZATION TO PROCEED TITLE DATE

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

