



KANSAS CORPORATION COMMISSION 1059464
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 #:
05/03/2011 05/04/2011 06/06/2011
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 15-023-21314-00-00
Spot Description:
NE SW SE SW Sec. 32 Twp. 5 S. R. 39 East West
600 Feet from North / South Line of Section
1750 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Cheyenne
Lease Name: Rogers Well #: 24-32
Field Name: Prairie Star
Producing Formation: Niobrara
Elevation: Ground: 3558 Kelly Bushing: 3564
Total Depth: 1532 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 340 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 Gerriso Date: 07/13/2011



1059464

Operator Name: Noble Energy, Inc. Lease Name: Rogers Well #: 24-32
 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 <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 CBL/CCL/GR	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border: none;"> <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>1306</td> <td></td> </tr> </table>	Name	Top	Datum	Niobrara	1306	
Name	Top	Datum					
Niobrara	1306						

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	340	50/50 POZ	140	3% CaCl 2% Gel
Production	6.25	4.5	11.6	1516	50/50 POZ	94	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	1306-1335 perf intervals	500 gal 7.5% HCL acid; 114 bbls MAV-100 gelled water pad; 256 bbls	
	(29' 87 holes) .410 EH 120 Deg	MAV-100 gelled water w/50,040# 16/30 Daniels Sand and 49,980 12/20	
		Daniels Sand. Flush w/8.0 bbls MAV-100 gelled water.	

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. 06/22/2011	Producing Method: <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____				
Estimated Production Per 24 Hours	Oil Bbls. 0	Gas Mcf 70	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 <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)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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BISON OIL WELL CEMENTING, INC.



1738 Wynkoop St., Ste. 202
 Denver, Colorado 80202
 Phone: 303-296-3010
 Fax: 303-296-8143
 E-mail: bisonoil@questoffice.net

REF. INVOICE # 9962
 LOCATION St Francis's
 FOREMAN Justin Crinklaw

TREATMENT REPORT

DATE 5-3-11	WELL NAME Rogers 24-32	SECTION 32	TWP 55	RGE 39W	COUNTY Cheyenne	FORMATION
CHARGE TO Excell	OWNER		OPERATOR			
MAILING ADDRESS	CONTRACTOR Excell R. 2		DISTANCE TO LOCATION 87			
CITY	TIME LEFT LOCATION 1:45 pm		PRESSURE LIMITATIONS			
STATE ZIP CODE	WELL DATA		THEORETICAL			
TIME ARRIVED ON LOCATION 11:45 am	12:45 pm		INSTRUCTED			

WELL DATA			PRESSURE LIMITATIONS	
MOLE SIZE	TUBING SIZE	PERFORATIONS	SURFACE PIPE ANNULUS LMR	
9 7/8"				
TOTAL DEPTH 545	TUBING DEPTH	SHOTS/FT	STRING	
CASING SIZE 7"	TUBING WEIGHT	OPEN HOLE	TUBING	
CASING DEPTH 340	TUBING CONNECTION PB 300	TREATMENT VIA	TREATMENT RATE	
CASING WEIGHT 17	PACKER DEPTH		<input checked="" type="checkbox"/> SURFACE PIPE	BREAKDOWN BPM
CASING CONDITION good			<input type="checkbox"/> PRODUCTION CASING	INITIAL BPM
			<input type="checkbox"/> SQUEEZE CEMENT	FINAL BPM
			<input type="checkbox"/> ACID BREAKDOWN	MINIMUM BPM
			<input type="checkbox"/> ACID STIMULATION	MAXIMUM BPM
			<input type="checkbox"/> ACID SPOTTING	AVERAGE BPM
			<input type="checkbox"/> MISC PUMP	
			<input type="checkbox"/> OTHER	

PRESSURE SUMMARY

BREAKDOWN or CIRCULATING	psi	AVERAGE	psi
FINAL DISPLACEMENT	psi	ISIP	psi
ANNULUS	psi	5 MIN SIP	psi
MAXIMUM	psi	15 MIN SIP	psi
MINIMUM	psi		

INSTRUCTIONS PRIOR TO JOB: **MIRU Safety Circ MAP 140 sks of B3 Lite - yield of 1.13 Mix 16 bbls of H₂O**
Req 4.75 gal/sk @ 15.2 lbs Dropping Displace 12.5 bbls of H₂O Shut in

Annulus 2647 Capacity 10415 76% excess w/ per Mut. 15

JOB SUMMARY
DESCRIPTION OF JOB EVENTS **MIRU Safety Circ MAP Dropping Displace Shut in**

11:45 am 1:05 pm 1:07 pm 1:08 pm 1:21 pm 1:22 pm 1:27 pm

1:24 pm 10 120
 1:26 pm 125 170

11 bbls to pit

[Signature] *[Signature]* **5/3/11** DATE

AUTHORIZATION TO PROCEED

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.

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 # 9957
 LOCATION St. Fran (9)
 FOREMAN Randy Newton

TREATMENT REPORT

DATE 5-4-11	WELL NAME Rodgers 2432	SECTION 32	TWP 55	RANGE 39W	COUNTY Cheyenne	FORMATION
CHARGE TO Excell		OWNER Noble				
MAILING ADDRESS		OPERATOR				
CITY		CONTRACTOR Excell rig 2				
STATE ZIP CODE		DISTANCE TO LOCATION 88 mi				
TIME ARRIVED AT LOCATION 9:45 a.m.		TIME LEFT LOCATION 12:45 p.m.				

WELL DATA			PRESSURE LIMITATIONS			
HOLE SIZE	TUBING SIZE	PERFORATIONS	THEORETICAL		INSTRUCTED	
6 7/8"						
TOTAL DEPTH 1532'	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG			
		OPEN HOLE	STRING			
CASING SIZE 4 1/2"	TUBING WEIGHT		TUBING			
CASING DEPTH 1516'	TUBING CONDITION PRD 1468'	TREATMENT VIA	TREATMENT RATE			
CASING WEIGHT 11.6 lb	PACKER DEPTH		TYPE OF TREATMENT		BREAKDOWN BPM	
CASING CONDITION good			SURFACE PIPE		INITIAL BPM	
			PRODUCTION CASING		FINAL BPM	
			SQUEEZE CEMENT		MINIMUM BPM	
			ACID BREAKDOWN		MAXIMUM BPM	
			ACID STIMULATION		AVERAGE BPM	
			ACID SPOTTING		HYD HWP = RATE X PRESSURE X 40.2	
			MISC PUMP			
			OTHER			

PRESSURE SUMMARY			
BREAKDOWN OF CIRCULATING	PSI	AVERAGE	PSI
FINAL DISPLACEMENT	PSI	5 MIN SIP	PSI
ANNULUS	PSI	15 MIN SIP	PSI
MAXIMUM	PSI		
MINIMUM	PSI		

INSTRUCTIONS PRIOR TO JOB: MTRU sm circ mtp 38 sk of N-act-12 e 12¹⁶ per gal water
 rig 15.6 gal per sk 14 bbls mix water yield of 2.4 gal mtp 56 sk of BL-like
 e 13.8 16 gal water req of 4.7 gal per sk 13 bbls of mix water yic 10x 135 cu ft per sk
 Drop plug Displace w/ 2.7 bbls water land plug rig down
 20% excess as per Sam chart for Field Rep.

JOB SUMMARY	DESCRIPTION OF JOB EVENTS	MTRU Sm circ mtp	mtp	Drop plug	Displace
		9:45 am	11:40 am	11:45 am	11:47 am
			11:57 am	12:07 pm	12:10
					12:17 60 300
					12:16 20 450
					12:17 22.7 1250

7 bbls cement to pit
 land plug w/ 1250 PSI

Sam Chart Field Rep TITLE 5-4-11 DATE

AUTHORIZATION TO PROCEED
 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 24-32 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	Centralizer
1	44.19	44.19	-340.15	-295.96		
2	43.81	88.00	-295.96	-252.15		
3	44.74	132.74	-252.15	-207.41		
4	44.70	177.44	-207.41	-162.71		
5	43.52	220.96	-162.71	-119.19		
6	43.96	264.92	-119.19	-75.23		
7	35.23	300.15	-75.23	-40.00		
8	34.00	334.15	-40.00	-6.00		
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31						
TOTAL	334.15					

Jts Ran 8
 Meas. 334.15
 Set @ 340.15
 Aprox TD @ 345
 Threads On 335.73



KB-GL: 8 Ft
 Casing: 4.5 11.6# J-55

Well Name: Rogers 24-32 Location: Sec 32, 5S, 39W, Cheyenne Co. KS

Joint No.	Joint Length, Ft	Total Footage, Ft	Depth KB, Ft (base of ft)	Depth KB, Ft (top of ft)	W/ Grade	Description
	0.92	0.92	-1516.01	-1515.09		AFU SHOE
1	45.27	46.19	-1515.09	-1469.82	11.6# J-55	Centralizer & Latch
2	45.28	91.47	-1469.82	-1424.54		Centralizer
3	45.27	136.74	-1424.54	-1379.27		Centralizer
4	45.28	182.02	-1379.27	-1333.99		Centralizer
5	45.27	227.29	-1333.99	-1288.72		Centralizer
6	14.30	241.59	-1288.72	-1274.42		Centralizer
7	45.12	286.71	-1274.42	-1229.30		Centralizer
8	44.95	331.66	-1229.30	-1184.35		Centralizer
9	45.28	376.94	-1184.35	-1139.07		
10	44.51	421.45	-1139.07	-1094.56		
11	45.24	466.69	-1094.56	-1049.32		
12	45.26	511.95	-1049.32	-1004.06		
13	45.27	557.22	-1004.06	-958.79		
14	45.26	602.48	-958.79	-913.53		
15	45.27	647.75	-913.53	-868.26		
16	45.30	693.05	-868.26	-822.96		
17	45.14	738.19	-822.96	-777.82		
18	45.26	783.45	-777.82	-732.56		
19	45.23	828.68	-732.56	-687.33		
20	45.25	873.93	-687.33	-642.08		
21	45.25	919.18	-642.08	-596.83		
22	44.93	964.11	-596.83	-551.90		
23	45.25	1009.36	-551.90	-506.65		
24	45.10	1054.46	-506.65	-461.55		
25	42.03	1096.49	-461.55	-419.52		
26	45.25	1141.74	-419.52	-374.27		
27	42.03	1183.77	-374.27	-332.24		
28	45.12	1228.89	-332.24	-287.12		
29	42.03	1270.92	-287.12	-245.09		
30	45.11	1316.03	-245.09	-199.98		
31	45.25	1361.28	-199.98	-154.73		
32	45.25	1406.53	-154.73	-109.48		
33	45.23	1451.76	-109.48	-64.25		
34	45.25	1497.01	-64.25	-19.00		
35	13.00	1510.01	-19.00	-6.00		
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85						
TOTAL		1510.01				

JTs Ran 35
 Meas w/shoe 1510.01
 Set @ 1516.01
 PBTD @ 1469.82
 Threads On 1516.75