



KANSAS CORPORATION COMMISSION 1059160
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) 228-443
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>03/09/2011</u>	<u>03/10/2011</u>	<u>05/16/2011</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-023-21280-00-00
Spot Description: _____
NE NE SW SE Sec. 31 Twp. 5 S. R. 39 East West
1200 Feet from North / South Line of Section
1500 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Cheyenne
Lease Name: Rogers Well #: 34-31
Field Name: Cherry Creek
Producing Formation: Niobrara
Elevation: Ground: 3610 Kelly Bushing: 3616
Total Depth: 1595 Plug Back Total Depth: 1530
Amount of Surface Pipe Set and Cemented at: 402 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: Deanne Gerrico Date: 07/07/2011



1059160

Operator Name: Noble Energy, Inc. Lease Name: Rogers Well #: 34-31
 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	1362	
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	402	50/50 POZ	160	3% CaCl 2% gel
Production	6.25	4.5	10.5	1571	50/50 POZ	97	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	1362-1389 perf intervals	500 gal 7.5% HCL acid; 114 bbls MAV-100 gelled wtr pad;	
	(27' 81 holes) .410 EH 120 Deg	256 bbls MAV-100 gelled water w/50,160# 16/30 Daniels	
		Sand & 18,480# 12/20 Daniels Sand. Flush w/8.4 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. 06/03/2011	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 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 (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) <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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BISON

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

Invoice

Draw

Date	Invoice #
1/9/2011	9888

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

Location	Well Name & No.	Job Type	Terms	Rig	
Cheyenne KS	Rogers 34-31	Surface Pipe	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		77.50	77.50
New Type III Discount 10%	New Type III Discount 10%	160	Sack	16.00 -10.00%	2,560.00 -256.00
	Subtotal of Materials				2,304.00
					4,309.50

Please Remit Invoices To:

Bison Oil Well Cementing, Inc.
 P.O. Box 29674
 Thornton, CO 80229

Subtotal	\$4,309.50
Sales Tax (8.3%)	\$357.67
Total	\$4,667.17
Balance Due	\$4,667.17

X 11076
 \$4,957.89

RECEIVED
 MAR 22 2011

BISON OIL WELL CEMENTING, INC.



1738 Wynkoop St., Ste. 102
 Denver, Colorado 80202
 Phone: 303-290-3010
 Fax: 303-298-8143
 E-mail: bisonoil@qwestoffice.net

REF. INVOICE # 1880

LOCATION St Francis KS

FOREMAN Justin Crinklaw

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORAMATION
3-9-11	Rogers 34-31	31	55	39W	Cheyenne	

CHARGE TO <u>Excell</u>	OWNER
MAILING ADDRESS	OPERATOR <u>Noble</u>
CITY	CONTRACTOR <u>Excell Rig 2</u>
STATE ZIP CODE	DISTANCE TO LOCATION <u>98</u>
TIME APPROVED BY LOCATION <u>11:00am</u>	TIME LEFT LOCATION <u>12:30pm</u>

WELL DATA			PRESSURE LIMITATIONS	
HOLE SIZE	TUBING SIZE	PERFORATIONS	THEORETICAL	INSTRUCTED
<u>9 7/8"</u>				
TOTAL DEPTH <u>407'</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG	
	TUBING WEIGHT	OPEN HOLE	STRING	
CASING SIZE <u>7"</u>	TUBING CONDITION		TUBING	
CASING DEPTH <u>401'</u>	<u>PB 361</u>	TREATMENT VIA	TYPE OF TREATMENT	
CASING WEIGHT <u>17#</u>	PACKER DEPTH		<input checked="" type="checkbox"/> SURFACE PIPE	BREAKDOWN BPM
CASING CONDITION <u>good</u>			<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"/> GEL PLUG	
			<input type="checkbox"/> OTHER	HTD HHP = RATE X PRESSURE X 40.8

PRESSURE SUMMARY:		TREATMENT RATE	
BREAKDOWN or CIRCULATING (psi)	AVERAGE (psi)	<input type="checkbox"/> SURFACE PIPE	BREAKDOWN BPM
FINAL DISPLACEMENT (bbl)	ISIP (psi)	<input type="checkbox"/> PRODUCTION CASING	INITIAL BPM
ANNULUS (psi)	5 MIN SIP (psi)	<input type="checkbox"/> SQUEEZE CEMENT	FINAL BPM
MAXIMUM (psi)	15 MIN SIP (psi)	<input type="checkbox"/> ACID BREAKDOWN	MINIMUM BPM
MINIMUM (psi)		<input type="checkbox"/> ACID STIMULATION	MAXIMUM BPM
		<input type="checkbox"/> ACID SPOTTING	AVERAGE BPM
		<input type="checkbox"/> GEL PLUG	
		<input type="checkbox"/> OTHER	

INSTRUCTIONS PRIOR TO JOB MIRU Safety Circ MHP 160 sks of Neect 3% yield of 1.27 Mx 22 bbls of H2O w/ H2O @ 5.20 gals/sk @ 15.2 lbs Dropping Displace 15 bbls of H2O shut in 5:59

water = good water temp 48° Annulus 2647 Capacity 10415 90% excess w/ sp. mark

JOB SUMMARY DESCRIPTION OF JOB EVENTS MIRU Safety Circ MHP Dropping Displace shut in
4:00pm 5:40pm 5:43pm 5:45pm 6:05pm 6:07pm 6:15pm

	6:09	10	100
	6:13	15	200

11 bbls for P.Y.

Justin Crinklaw TITLE Push DATE 3/9/11

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



BISON

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

Invoice

Date	Invoice #
3/10/2011	9912

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

Location	Well Name & No.	Job Type	Terms	Rig	
Cheyenne KS	Rogers 34-31	Long String	Net 30		
Item	Description	Qty	U/M	Rate	Amount
Pump-long string	PUMP charge-long string			2,000.00	2,000.00
MILEAGE	Mileage charge	176		3.00	528.00
	Subtotal of Services				2,528.00
Centralizer 4 1/2"	Centralizer 4 1/2"	8		42.00	336.00
Float Shoe 4 1/2"	Float Shoe 4 1/2"	1		285.00	285.00
LD Plug 4 1/2"	LD Plug & Baffle 4 1/2"	1		253.00	253.00
N-Gal-12	Lead 12lb	41	Sack	16.00	656.00
Discount 10%	Discount 10%			-10.00%	-65.60
BG-Lite	Tail 13.8 lb/gal 50/50 Poz	56	Sack	16.00	896.00
Discount 10%	Discount 10%			-10.00%	-89.60
	Subtotal of Materials				2,270.80
					4,798.80

Please Remit Invoices To:

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

Subtotal	\$4,798.80
Sales Tax (8.3%)	\$398.47
Total	\$4,987.27
Balance Due	\$4,987.27

X 11090
 \$ 5,496.00

RECEIVED
 MAR 22 2011

BISON OIL WELL CEMENTING, INC.



1738 Wynkoop St., Ste. 102
 Denver, Colorado 80202
 Phone: 303-298-3010
 Fax: 303-298-8143
 E-mail: bisonoil1@qwestoffice.net

REF. INVOICE # 7902

LOCATION St Francis KS

FOREMAN Justin Ginkiewicz

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
3-10-11	Rogers 34-31	31	55	39W	Cherokee	

CLIENT TO <u>Excell</u>	OWNER
MAILING ADDRESS	OPERATOR <u>Woble</u>
CITY	CONTRACTOR <u>Excell Rig 7</u>
STATE ZIP CODE	DISTANCE TO LOCATION <u>88</u>
TIME ARRIVED ON LOCATION <u>11:00am</u>	TIME LEFT LOCATION <u>1:45pm</u>

WELL DATA			PRESSURE LIMITATIONS	
HOLE SIZE	TUBING SIZE	PERFORATIONS	THEORETICAL	INSTRUCTED
<u>6 1/4</u>				
TOTAL DEPTH <u>1595</u>	TUBING DEPTH	SHOTEFT	SURFACE PIPE ANNULUS LONG	
	TUBING WEIGHT	OPEN HOLE	STRING	
CASING SIZE <u>4 1/2</u>	TUBING CONDITION		TUBING	

CASING DATA		TREATMENT	TYPE OF TREATMENT	TREATMENT RATE
CASING DEPTH <u>1571</u>	<u>PB 1529</u>	TREATMENT VOLUME	<input type="checkbox"/> SURFACE PIPE	BREAKDOWN BPM
CASING WEIGHT <u>106</u>	PACKER DEPTH		<input checked="" type="checkbox"/> PRODUCTION CASING	INITIAL BPM
CASING CONDITION <u>good</u>			<input type="checkbox"/> SQUEEZE CEMENT	FINAL BPM

PRESSURE SUMMARY		ACID BREAKDOWN		ACID STIMULATION	
BREAKDOWN or CIRCULATING	AVERAGE	<input type="checkbox"/>	PROGAMM BPM	<input type="checkbox"/>	MAXIMUM BPM
FINAL DISPLACEMENT	ISIP	<input type="checkbox"/>	AVERAGE BPM	<input type="checkbox"/>	
ANNULUS	5 MIN SP	<input type="checkbox"/>		<input type="checkbox"/>	
MAXIMUM	15 MIN SP	<input type="checkbox"/>		<input type="checkbox"/>	
MINIMUM		<input type="checkbox"/>		<input type="checkbox"/>	

INSTRUCTIONS PRIOR TO JOB: MIRU Safety Circ 044P 40 SKS of 12 gel-12 yield of 2.64 Mix 15 bbls of H₂O Reg 15.2 gal/sks @ 12 lbs of H₂O 56 SKS of PB LITE yield of 1.35 Mix 13 bbls of H₂O Reg 9.7 gal/sks @ 13.8 lbs Drap Plug Displace 24.3 bbls of H₂O set plug rundown

Annulus - 1026 Capacity = 0159 - 20% excess per Sm - Chartier

JOB SUMMARY: MIRU Safety Circ 044P @ HHP Drap plug Displace set plug

DESCRIPTION OF JOB EVENTS:

11:00am	12:48pm	12:56pm	12:58pm	1:08pm	1:11pm	1:20pm	1:30pm
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1:23pm 200
 1:27pm 400
 1:30pm 24.3 1100

1. bbls to p.f.

Sm Chartier
 AUTHORIZATION TO PROCEED

Field Rep
 TITLE

3-10-11
 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 34-31

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)	W/ Grade	Description
	0.00	0.00			17	
1	43.25	43.25	-401.76	-358.51		Centralizer
2	44.09	87.34	-358.51	-314.42		
3	44.48	131.82	-314.42	-269.94		
4	43.62	175.44	-269.94	-226.32		
5	44.14	219.58	-226.32	-182.18		
6	44.07	263.65	-182.18	-138.11		
7	44.73	308.38	-138.11	-93.38		
8	42.94	351.32	-93.38	-50.44		
9	44.44	395.76	-50.44	-6.00		
10						
11						
12						
13						# Jts Ran 9
14						Meas: 395.76
15						Set @ 401.76
16						Aprox TD @ 407
17						Threads On 397.54
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
TOTAL	395.76					



KB-GL... 10.5 #J-55
 Casing: 10.5 #J-55

Well Name: Rogers 34-31

Location: Sec 31, 6S, 36W, Chayonne Co, KS

Joint No.	Joint Length, Ft	Total Footage, Ft	Depth KB, Ft (base of jt)	Depth KB, Ft (top of jt)	WU Grade	Description
	0.92	0.92	-1571.19	-1570.27		AFU SHOE
1	40.34	41.26	-1570.27	-1529.93	10.5#J-55	Centralizer & Latch
2	40.35	81.61	-1529.93	-1489.58		Centralizer
3	40.32	121.93	-1489.58	-1449.26		Centralizer
4	40.00	161.93	-1449.26	-1409.26		Centralizer
5	41.38	203.31	-1409.26	-1387.88		Centralizer
6	39.89	243.20	-1387.88	-1327.99		Centralizer
7	12.67	255.87	-1327.99	-1316.32		Centralizer
8	39.05	294.92	-1316.32	-1276.27		Centralizer
9	43.02	337.94	-1276.27	-1233.25		
10	39.98	377.92	-1233.25	-1193.27		
11	42.20	420.12	-1193.27	-1151.07		
12	40.00	460.12	-1151.07	-1111.07		
13	39.03	499.15	-1111.07	-1072.04		
14	43.87	543.02	-1072.04	-1028.17		
15	42.15	585.17	-1028.17	-986.02		
16	43.25	628.42	-986.02	-942.77		
17	39.06	667.48	-942.77	-903.71		
18	43.85	711.33	-903.71	-859.86		
19	40.82	752.25	-859.86	-818.94		
20	34.23	786.48	-818.94	-784.71		
21	40.72	827.20	-784.71	-743.99		
22	42.10	869.30	-743.99	-701.89		
23	40.84	910.24	-701.89	-660.85		
24	40.10	950.34	-660.85	-620.85		
25	40.58	990.92	-620.85	-580.27		
26	42.16	1033.07	-580.27	-538.12		
27	40.20	1073.27	-538.12	-497.92		
28	42.20	1115.47	-497.92	-455.72		
29	38.79	1154.26	-455.72	-416.93		
30	39.08	1193.34	-416.93	-377.85		
31	42.22	1235.56	-377.85	-335.63		
32	40.85	1276.61	-335.63	-294.68		
33	42.18	1318.69	-294.68	-252.50		
34	40.16	1358.85	-252.50	-212.34		
35	39.67	1398.52	-212.34	-172.67		
36	42.18	1440.70	-172.67	-130.49		
37	42.12	1482.82	-130.49	-88.37		
38	40.32	1523.14	-88.37	-48.05		
39	42.05	1565.19	-48.05	-8.00		
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85						
TOTAL		1565.19				

JTs Ran 30
 Meas w/shoe 1565.19
 Set @ 1571.19
 PSTD @ 1529.93
 Threads On 1572.80