



KANSAS CORPORATION COMMISSION 1070863
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>8/8/2011</u>	<u>8/9/2011</u>	<u>8/24/2011</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-023-21315-00-00

Spot Description: _____
SW NW NW SW Sec. 32 Twp. 5 S. R. 39 East West
2100 Feet from North / South Line of Section
200 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW

County: Cheyenne

Lease Name: Rogers Well #: 13-32

Field Name: _____

Producing Formation: Niobrara

Elevation: Ground: 3569 Kelly Bushing: 3575

Total Depth: 1540 Plug Back Total Depth: 1480

Amount of Surface Pipe Set and Cemented at: 374 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 Gertler Date: 02/07/2012



1070863

Operator Name: Noble Energy, Inc. Lease Name: Rogers Well #: 13-32
 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-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>1328</td> <td></td> </tr> </table>	Name	Top	Datum	Niobrara	1328	
Name	Top	Datum					
Niobrara	1328						

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	373.7	50/50 POZ	180	3% CaCl 2% gel
Production	6.25	4.5	10.5	1523.5	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	Perf intervals: 1328-1352	Frac'd w/500 gals 7.5% HCl; 95 bbls Mav-100 gelled water pad;	
	(24' 72 shots) .410 EH 120 deg	107 bbls Mav-100 gelled water w/37,500# 16/30 Texas Gold	
		Sand & 7,980# 12/20 Daniels Sand; No flush	

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. 9/12/2011	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 36	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) (Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>1328-1352</u>
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BISON

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

Invoice

Date	Invoice #
8-8-2011	11078

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

Location	Well Name & No.	Job Type	Terms	Rig	
Cheyenne, KS	Rogers 15-32	Surface	Net 30		
Item	Description	Qty	U/M	Rate	Amount
Dump surface	PUMP Charge-surface pipe	1		1,400.00	1,400.00
MILEAGE	Mileage charge	174		4.00	696.00
MILEAGE	Mileage charge Cren	87		1.50	130.50
					2,226.50
B3-Late Summer... Discount 10%	50' 50 Pcc (3%) Discount 10% Subtotal of Materials	180	Sack	16.50 -10.00%	2,970.00 -297.00 2,673.00
					4,899.50

Please Remit Invoices To:

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

Subtotal	\$4,899.50
Sales Tax (8.3%)	\$221.84
Total	\$5,121.34
Balance Due	\$5,121.34

x 110%
 \$ 5,633.50

RECEIVED
 AUG 18 2011

BISON OIL WELL CEMENTING, INC.



1736 WYNWOOD ST. STE. 101
 DENVER, COLORADO 80202
 PHONE: 303-756-3016
 FAX: 303-296-8143
 E-mail: mason@bisonoil.com

REF INVOICE # 10078
 LOCATION: St. Francis
 FOREMAN: Randy Newton

TREATMENT REPORT

DATE: <u>8-8-11</u>	WELL NAME: <u>Rogge's 13-32</u>	SECTION: <u>32</u>	FWS: <u>53</u>	HW: <u>39.00</u>	CLIENT: <u>Cheyenne</u>	PROJECT:
DIPPER TO: <u>Excell</u>		OWNER: <u>Noble</u>				
MATERIALS:		OPERATOR:				
CITY:		CONTINENTAL: <u>Excell 1-3 2</u>				
STATE ZIP CODE:		INSTRUMENT LOCATION: <u>87</u>				
TIME ARRIVED ON LOCATION: <u>5:45 P.M.</u>		(U) <u>7:00 PM</u>		TIME LEFT LOCATION: <u>9:15 P.M.</u>		

WELL DATA			PRESSURE LIMITATIONS		
WELL SIZE: <u>9 5/8"</u>	TUBING SIZE:	PERFORMANCE:		THEORETICAL:	INSTRUCTED:
TOTAL DEPTH: <u>378'</u>	TUBING DEPTH:	SHOTSAT:	SURFACE PIPE ANNULUS (LBS)		
	TUBING WEIGHT:	OPEN HOLE:	STRING:		
CASING SIZE: <u>7"</u>	TUBING CONDITION:		TUBING:		
CASING DEPTH: <u>373'</u>	PLUG: <u>339'</u>	TREATMENT WEL:	TYPE OF TREATMENT		
CASING WEIGHT: <u>17#</u>	PACKER DEPTH:		TREATMENT RATE		
CASING CONDITION: <u>Good</u>			<input checked="" type="checkbox"/> SURFACE PIPE <input type="checkbox"/> PRODUCTION EQUIP <input type="checkbox"/> ROFFEE CEMENT <input type="checkbox"/> ACID BREAKDOWN <input type="checkbox"/> ACID STIMULATION <input type="checkbox"/> ACID SPOTTING <input type="checkbox"/> MISC PLUG <input type="checkbox"/> OTHER		

PRESSURE SUMMARY				TREATMENT RATE	
BREAKDOWN OF OPERATIONS (PSI)	AVERAGE (PSI)			INITIAL (GPM)	
FINAL DISPLACEMENT (GPM)	ISIP (PSI)			FINAL (GPM)	
AVARULT (PSI)	5 MIN ISIP (PSI)			AVERAGE (GPM)	
MAXIMUM (PSI)	15 MIN ISIP (PSI)				
MINIMUM (PSI)					USED HWP @ SURFACE PRESSURE (PSI)

INSTRUCTIONS PRIOR TO JOB: M.L.P.U. 5m Circ Mtg 180st of B3-lik @ 15.2 bbl/hr
Water 100 gal / sk 18 bbl mix water yield of 1.07 bbl/hr
Drip plug 12.5 place w/ 14 bbl H₂O 1 and plug shut in well

95% excess as per Mark Zion Tool pusher

JOB SUMMARY
 DESCRIPTION OF JOB EVENTS: MTPU 5m Circ Mtg Drip Plug
7:00pm 8:30pm 8:35pm 8:47pm 8:47pm

Displace 1 and plug Shut in Rig down
8:48pm 9:52pm 8:54pm 8:58pm

8150 16 100
85214 200

14 BBLs Cement to 117

[Signature] [Signature] 8/8/11
 AUTHORIZATION TO PROCEED TITLE DATE

Customer hereby acknowledges and conditionally agrees to the terms and conditions on the next page, including, without limitation, the provisions on the returns and general which exclude the liability and warranty.



BISON

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

Invoice

pc
Bm

Date	Invoice #
8/9/2011	11615

Bill To
Excel Services, LLC 30620 US HIGHWAY 385 Wray, CO 80755

Location	Well Name & No.	Job Type	Terms	Rig	
Cheyenne, KS	Rodgers 13-32	Production	Net 30		
Item	Description	Qty	U/M	Rate	Amount
Pump Charge	Pump Charge - Production Pipe	1		2,000.00	2,000.00
MILEAGE	Mileage charge	174		4.00	696.00
MILEAGE	Mileage charge	87		1.50	130.50
	Subtotal of Services				2,826.50
N-Gel-12	Lead 12lb	52	Sack	16.50	858.00
Discount 10%	Discount 10%			-10.00%	-85.80
BG-Late	Tail 13.8 lb/gal 50'50' Poz	40	Sack	16.50	660.00
Discount 10%	Discount 10%			-10.00%	-66.00
	Subtotal of Materials				4,281.80
Please Remit Invoices To:				Subtotal	\$4,281.80
Bison Oil Well Cementing, Inc. P.O. Box 29671 Thornton, CO 80229				Sales Tax (6.3%)	\$120.70
				Total	\$4,402.50
				Balance Due	\$4,402.50

X 110.90
 \$ 4,513.40

RECEIVED
 AUG 12 2011

BISON OIL WELL CEMENTING, INC.



1736 Vancouver St., Ste. 100
Denver, Colorado 80202
Phone: 303-440-2070
Fax: 303-440-2100
E-mail: bison@bisoncementing.com

REF. INVOICE: 10088
LOCATION: St. Francis
FOREMAN: Thomas R. Hiley

TREATMENT REPORT

DATE: <u>8-9-11</u>	WELL NAME: <u>Rodgers 13-32</u>	SECTION: <u>32</u>	TOT: <u>55</u>	DEP: <u>39W</u>	LEAS: <u>cheyenne</u>	FORMATION:
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CHARGE TO: <u>Excel</u>	OWNER: <u>Noble</u>
NAME OF AGENCY:	OPERATOR:
CITY:	CONTRACTOR: <u>Excel s.g #2</u>
STATE OF WORK:	INCREASE TO LOCATED: <u>87 mile</u>
TIME ARRIVED ON LOCATION: <u>5:45pm</u>	TIME LEFT LOCATION: <u>9:30 pm</u>
<u>Ray 7pm</u>	

WELL DATA		PRESSURE LIMITATIONS	
HOLE SIZE: <u>6 1/4</u>	INNER SIZE:	PERFORATIONS:	THEORETICAL:
TOTAL DEPTH: <u>1540</u>	TRENCH DEPTH:	SHUTS-IN:	#STRUCTURED:
TUBING WEIGHT:	OPEN HOLE:	STIMUL:	
CASING SIZE: <u>4 1/2</u>	TUBING CONNECTION:	TUBING:	

CASING DATA		TREATMENT DATA		TYPE OF TREATMENT		TREATMENT RATE	
CASING DEPTH: <u>1523.5</u>	PRODUCTION CASING: <u>9870-1400</u>	TREATMENT VIA:		SURFACE PUMP		RESURFACE RPM	
CASING WEIGHT: <u>12.5</u>	PACKER DEPTH:			PRODUCTION CASING		INITIAL RPM	
CASING CONNECTION: <u>good</u>				SOFFICE CEMENT		FINAL RPM	

PRESSURE SUMMARY			
BREAKDOWN OF CIRCULATING: <u>50</u>	AVERAGE: <u>50</u>		
FINAL DISPLACEMENT: <u>50</u>	ESP: <u>50</u>		
ANNEALS: <u>50</u>	5 ANNEALS: <u>50</u>		
WAGERS: <u>50</u>	15 WAGERS: <u>50</u>		
MISCELL: <u>50</u>			

INSTRUCTIONS PRIOR TO JOB: MIRID Safety Circ, m+p 52 sks of Nopal-12, 12 lb/gal 2.71 yld, 12.04 gal/sks mix 15 bbl, m+p 46 sks of Bg-life 13.9 lbs/gal, 1.33 yld, 6.28 gal/sk mix 6.8 bbl drop plug displace 23.5 bbls Shut in Clean up mark cilt location
20% excess per Andy B. on lead

JOB SUMMARY

DESCRIPTION OF JOB EVENTS:

<u>MIRID Safety Circ</u>	<u>m+p lead</u>	<u>m+p tail</u>	<u>Drop plug</u>	<u>Displace</u>
<u>6 pm</u>	<u>7:55 pm</u>	<u>8:05 pm</u>	<u>8:09 pm</u>	<u>8:18 pm</u>
<u>8:30 pm</u>	<u>8:31 pm</u>			

Cap. 01590

Ann. 1026

100psi 10 8:33 pm

250psi 20 8:35 pm

shut in 8:37 pm @ 1010 psi

1010psi 23.5 8:37 pm

2 bbls to the pit

[Signature] 8/9/11

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 thereof which include but are not limited to:

KB - 6 Ft

Casing: 7 inch

Well Name: Rogers 13-32 Location: Sec 32, 5S, 39W, Chayenne 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	34.32	34.32	-373.66	-339.34		Centralizer & Baffle Plate
2	44.29	78.61	-339.34	-295.05		
3	44.31	122.92	-295.05	-250.74		
4	44.22	167.14	-250.74	-206.52		
5	43.21	210.35	-206.52	-163.31		
6	43.15	253.50	-163.31	-120.16		
7	44.18	297.68	-120.16	-75.98		
8	35.70	333.38	-75.98	-40.28		
9	34.28	367.66	-40.28	-6.00		
10						
11						
12						
13					# Jts Ran 9	
14					Meas. 367.66	
15					Set @ 373.66	
16					Approx TD @ 379	
17					PBTD @ 339.34	
18					Threads On 369.44	
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
TOTAL	367.66					

KB-GL: 8 Ft

Casing: 4.5 10.5 # J-55

Well Name: Rogers 13-32 Location: Sec 32, 53, 39W, Cheyenne Co, KS

Joint No.	Joint Length, Ft	Total Footage, Ft	Depth KB, Ft (base of J)	Depth KB, Ft (top of J)	WU Grade	Description
1	1.32	1.32	-1523.50	-1522.18	10.5#J-55	AFU SHOE
2	42.00	43.32	-1522.18	-1480.18		Centralizer & Latch
3	42.14	85.46	-1480.18	-1438.04		Centralizer
4	42.05	127.51	-1438.04	-1395.99		Centralizer
5	40.77	168.28	-1395.99	-1355.22		Centralizer
6	42.02	210.30	-1355.22	-1313.20		Centralizer
7	42.14	252.44	-1313.20	-1271.06		Centralizer
8	21.24	273.68	-1271.06	-1249.82		Centralizer
9	42.09	315.77	-1249.82	-1207.73		Centralizer
10	42.09	357.86	-1207.73	-1165.64		
11	43.10	400.96	-1165.64	-1122.54		
12	40.80	441.76	-1122.54	-1081.94		
13	42.04	483.80	-1081.94	-1039.90		
14	40.52	524.32	-1039.90	-999.38		
15	42.10	566.42	-999.38	-957.28		
16	42.08	608.50	-957.28	-915.22		
17	40.69	649.19	-915.22	-874.53		
18	43.27	692.46	-874.53	-831.26		
19	40.55	732.99	-831.26	-790.71		
20	42.05	774.04	-790.71	-748.66		
21	41.97	816.01	-748.66	-706.69		
22	42.03	858.04	-706.69	-664.66		
23	42.04	900.08	-664.66	-622.62		
24	42.05	942.13	-622.62	-580.57		
25	42.06	984.19	-580.57	-538.51		
26	42.08	1027.05	-538.51	-496.45		
27	40.55	1067.60	-496.45	-455.90		
28	42.08	1109.68	-455.90	-413.82		
29	42.11	1151.79	-413.82	-371.71		
30	40.58	1192.37	-371.71	-331.13		
31	38.78	1231.15	-331.13	-292.35		
32	42.08	1273.23	-292.35	-250.27		
33	41.98	1315.19	-250.27	-208.31		
34	38.63	1353.82	-208.31	-169.68		
35	38.70	1392.52	-169.68	-130.98		
36	40.75	1433.27	-130.98	-90.23		
37	42.12	1475.39	-90.23	-48.11		
38	42.11	1517.50	-48.11	-8.00		
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85						
TOTAL		1517.50				

JTa Ran 37
 Meas w/shoe 1517.50
 Set @ 1523.50
 PBTD @ 1480.18
 Threads On 1524.27