



KANSAS CORPORATION COMMISSION 1059098
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 #: _____
03/04/2011 03/05/2011 05/09/2011
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 15-023-21292-00-00
Spot Description: _____
SE NE SE SW Sec. 33 Twp. 5 S. R. 39 East West
700 Feet from North / South Line of Section
2500 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Cheyenne
Lease Name: Nipps Well #: 24-33
Field Name: _____
Producing Formation: Niobrara
Elevation: Ground: 3589 Kelly Bushing: 3595
Total Depth: 1564 Plug Back Total Depth: 1495
Amount of Surface Pipe Set and Cemented at: 397 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 Gantzer Date: 07/07/2011



1059098

Operator Name: Noble Energy, Inc. Lease Name: Nipps Well #: 24-33
 Sec. 33 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	1327	
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	397	50/50 POZ	175	3% CaCl 2% gel
Production	6.25	4.5	11.6	1538	50/50 POZ	95	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	1317-1347 perf intervals	500 gal 7.5% HCL acid; 114 bbls MAV-100 gelled wtr pad;	
	(30' 90 holes) .410 EH 120 Deg	256 bbls MAV-100 Gelled water w/49,240# 16/30 Daniels	
		Sand & 50,760# 12/20 Daniels Sand. Flush w/5.6 bbls	
		MAV-100 gelled water.	

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
----------------	-------	---------	------------	---

Date of First, Resumed Production, SWD or ENHR. 06/01/2011	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 71	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) <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
---	--	--



BISON

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

Invoice

Date	Invoice #
3/4/2011	9885

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

Location	Well Name & No.	Job Type	Terms	Rig	
Chicoyne, KS	Nipps 24-33	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	174		3.00	522.00
	Subtotal of Services				1,922.00
Centralizer 7"	Centralizer 7"	1		77.50	77.50
B3-Lite Discount	50/50 Poz. (3%) Discount	175	Sack	16.00 -10.00%	2,800.00 -280.00
	Subtotal of Materials				2,597.50
					4,519.50

Please Remit Invoices To:

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

Subtotal	\$4,519.50
Sales Tax (8.3%)	\$215.60
Total:	\$4,735.10
Balance Due:	\$4,735.10

x 110%
 \$ 5,208.61

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 # 9885
 LOCATION Grand
 FOREMAN Randy Newton
Cheyenne

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RDE	CORR'D	FORMATION
3-4-11	N. PPS 24-33	33	53	39W	Shannon	
CHANGE TO	OPERATOR		Noble			
MAILING ADDRESS	CONTRACTOR		Excell Rig 2			
CITY	DISTANCE TO LOCATION		87m			
STATE ZIP CODE	TIME LEFT LOCATION		2:30 p.m.			
TRIP ARRIVED ON LOCATION	1:00 p.m.		PRESSURE LIMITATIONS			

WELL DATA			THEORETICAL	INSTRUCTED
HOLE SIZE	TUBING SIZE	PERFORATIONS	SURFACE PIPE ANNULUS LONG	
9 5/8"				
TOTAL DEPTH	TUBING DEPTH	SHOTS/FT	STRENGTH	
402				
CASING SIZE	TUBING WEIGHT	OPEN HOLE	TUBING	
7"				

TYPE OF TREATMENT		TREATMENT RATE	
<input checked="" type="checkbox"/> SURFACE PIPE	BREAKDOWN BPM		
<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 @ CIRCULATING	PSI	AVERAGE	PSI
FINAL DISPLACEMENT	DB	ISIP	PSI
ANNULUS	PSI	5 MIN SIP	PSI
MAXIMUM	PSI	10 MIN SIP	PSI
MINIMUM	PSI		

INSTRUCTIONS PRIOR TO JOB: MTRU 5m Circ mtp 175 sk @ B3-1/4 @ 15.2 p.p.m.
 water of 7.78 gal/sk 20 bbl mix water weight of 1.13 cu ft/sk Drop Plus
 Displace 14.5 BBL water shut in rig down

JOB SUMMARY	DESCRIPTION OF JOB EVENTS	MTRU	5m Circ	mtp	Drop Plus	Displace
	Shut in	1:00 pm	1:40 pm	1:55 pm	1:59 pm	2:03 / 0 200
	2:06	2:15				2:45 / 14.5 200

[Signature] Rush TITLE DATE 3/4/11
 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 exclude the responsibility.



BISON

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

Invoice

Date	Invoice #
3/5/2011	9882

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

Location	Well Name & No.	Job Type	Terms	Rtg	
Cheyenne KS	Nipps 24-33	Production Pipe	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
Flow Shoe 4 1/2"	Flow Shoe 4 1/2"	1		285.00	285.00T
LD Plug - 4 1/2"	LD Plug & Baffle - 4 1/2"	1		253.00	253.00T
Centralizer 4 1/2"	Centralizer 4 1/2"	8		42.00	336.00T
N-Gel-12 Discount	Lead 12lb Discount	39	Sack	16.00 -10.00%	624.00T -62.40
BC-Lite Discount	Tell 13.8lb/gal 50/50 Pol Discount	56	Sack	16.00 -10.00%	896.00T -89.60
	Subtotal of Materials				2,342.00
					4,764.00

Please Remit Invoices To:

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

Subtotal	\$4,764.00
Sales Tax (8.3%)	5186.09
Total	\$4,950.09
Balance Due	\$4,950.09

x 110%
 \$5,445.10

BISON OIL WELL CEMENTING, INC.



1798 Wynkoop St., Ste 102
 Denver, Colorado 80202
 Phone: 303-295-3010
 Fax: 303-298-8143
 E-mail: bisonoil@qwestoffice.net

REF. INVOICE # 9882
 LOCATION Crowfoot
 FOREMAN Randy

TREATMENT REPORT

DATE <u>3-5-11</u>	WELL NAME <u>MIRRA 24-33</u>	SECTION <u>33</u>	TWP <u>55</u>	RGE <u>39 W</u>	COUNTY <u>Cheyenne</u>	FORASADUC#
CHARGE TO <u>Excell</u>			DRIVER <u>Noble</u>			
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>Perkins Rep 11:00 Am.</u>			TIME LEFT LOCATION <u>12:00 P.m.</u>			

WELL DATA			PRESSURE LIMITATIONS	
HOLE SIZE	TUBING SIZE	PERFORATIONS	THEORETICAL	INSTRUCTED
<u>6 7/8"</u>				
TOTAL DEPTH <u>1564</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG	
	TUBING WEIGHT	OPEN HOLE	STRING	
CASING SIZE <u>4 1/2"</u>	TUBING CONDITION	TREATMENT VIA	TUBING	
CASING DEPTH <u>1528</u>	PACKER DEPTH		TYPE OF TREATMENT	
CASING WEIGHT <u>11.6</u>			TREATMENT RATE	
CASING CONDITION <u>good</u>			<input type="checkbox"/> SURFACE PIPE	BREAKDOWN BPM
			<input type="checkbox"/> PRODUCTION CASING	NETAL BPM
			<input type="checkbox"/> SQUEEZE CEMENT	FINAL BPM
			<input type="checkbox"/> ACID BREAKDOWN	CRITICAL BPM
			<input type="checkbox"/> ACID STIMULATION	MAXIMUM BPM
			<input type="checkbox"/> ACID SPOTTING	AVERAGE BPM
			<input type="checkbox"/> MISC PUMP	
			<input type="checkbox"/> OTHER	HYD NWP - RATE X PRESSURE X 40.8

PRESSURE SUMMARY		AVERAGE		ISP		5" MIN SIP		15" MIN SIP	
BREAKDOWN IN CIRCULATING	psi		psi		psi		psi		psi
FINAL DISPLACEMENT	psi		psi		psi		psi		psi
ANNULUS	psi		psi		psi		psi		psi
MAXIMUM	psi		psi		psi		psi		psi
MINIMUM	psi		psi		psi		psi		psi

INSTRUCTIONS PRIOR TO JOB - MIRRA 24-33 well 3.9 gals of N-601-12 @ 12 lb/gal
 Water 15.6 gal/ft 14.5 min under 4" id at 2.64 gpm filled with 66 gal
 of B33-late @ 1.8 lb/gal 9.7 gal kept 13.6 min under 4" id @ 1.35 gpm
 P-55K plug placed 23.1 bbls water tank plug down
 20% excess as per standard procedure

JOB SUMMARY		DESCRIPTION OF JOB EVENTS		MIRRA 24-33		5" MIN SIP		15" MIN SIP	
Displace	11:30	11:40	11:45	11:05	11:08	11:05	11:25		

8 bbls to pit

Sam Chant Field Rep TITLE DATE 3-5-11

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 thereof which include the release and indemnity.



KB: 6 Ft

Casing: 7 Inch

Well Name: Nipps 24-33 Location: Sec 33, 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	41.69	41.69	-396.58	-354.89		Centralizer
2	44.45	86.14	-354.89	-310.44		
3	44.26	130.40	-310.44	-266.18		
4	44.42	174.82	-266.18	-221.76		
5	44.24	219.06	-221.76	-177.52		
6	39.66	258.72	-177.52	-137.86		
7	44.36	303.08	-137.86	-93.50		
8	44.10	347.18	-93.50	-49.40		
9	43.40	390.58	-49.40	-6.00		
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
TOTAL	390.58					

Jts Ran 9
Meas. 390.58
Set @ 396.58
Aprox TD @ 402
Threads On 392.36



KB-GL: 6 Ft
 Casing: 4.5 11.6 # J-55

Well Name: Nipps 24-33 Location: Sec 33, 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
	0.92	0.92	-1538.36	-1537.44		AFU SHOE
1	42.09	43.01	-1537.44	-1495.35	11.6#J-55	Centralizer & Latch
2	41.94	84.95	-1495.35	-1453.41		Centralizer
3	42.09	127.04	-1453.41	-1411.32		Centralizer
4	42.09	169.13	-1411.32	-1369.23		Centralizer
5	42.06	211.19	-1369.23	-1327.17		Centralizer
6	42.14	253.33	-1327.17	-1285.03		Centralizer
7	21.26	274.59	-1285.03	-1263.77		Centralizer
8	42.16	316.75	-1263.77	-1221.61		Centralizer
9	42.20	358.95	-1221.61	-1179.41		
10	42.14	401.09	-1179.41	-1137.27		
11	42.14	443.23	-1137.27	-1095.13		
12	42.09	485.32	-1095.13	-1053.04		
13	42.10	527.42	-1053.04	-1010.94		
14	42.09	569.51	-1010.94	-968.85		
15	42.88	612.39	-968.85	-925.97		
16	42.08	654.47	-925.97	-883.89		
17	42.68	697.15	-883.89	-841.21		
18	40.86	738.01	-841.21	-800.35		
19	42.38	780.39	-800.35	-757.97		
20	42.00	822.39	-757.97	-715.97		
21	41.90	864.29	-715.97	-674.07		
22	35.73	900.02	-674.07	-638.34		
23	41.98	942.00	-638.34	-596.36		
24	42.18	984.18	-596.36	-554.18		
25	41.95	1026.13	-554.18	-512.23		
26	42.12	1068.25	-512.23	-470.11		
27	42.10	1110.35	-470.11	-428.01		
28	42.14	1152.49	-428.01	-385.87		
29	42.17	1194.66	-385.87	-343.70		
30	42.02	1236.68	-343.70	-301.68		
31	42.13	1278.81	-301.68	-259.55		
32	42.12	1320.93	-259.55	-217.43		
33	42.12	1363.05	-217.43	-175.31		
34	42.93	1405.38	-175.31	-132.98		
35	42.88	1448.26	-132.98	-90.10		
36	41.98	1490.24	-90.10	-48.12		
37	42.12	1532.36	-48.12	-6.00		
38						
39						
40						
41						
42						
43						
44						
45						
46						
47						
48						
49						
50						
51						
52						
53						
54						
55						
56						
57						
58						
59						
60						
61						
62						
63						
64						
65						
66						
67						
68						
69						
70						
71						
72						
73						
74						
75						
76						
77						
78						
79						
80						
81						
82						
83						
84						
85						
TOTAL		1532.36				

JTs Ran 37
 Meas w/shoe 1532.36
 Set @ 1538.36
 PBTD @ 1495.35
 Threads On 1538.63