



KANSAS CORPORATION COMMISSION 1057009
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 # 33532
Name: Advanced Drilling Technologies LLC
Wellsite Geologist: None
Purchaser: _____

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil WSW SWD SLOW
 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>2/03/2011</u>	<u>2/04/2011</u>	<u>4/21/2011</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-023-21282-00-00

Spot Description: _____
NE NW NW SW Sec. 33 Twp. 5 S. R. 39 East West
2400 Feet from North / South Line of Section
600 Feet from East / West Line of Section

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

County: Cheyenne
Lease Name: Nipps Well #: 13-33

Field Name: _____
Producing Formation: Niobrara

Elevation: Ground: 3594 Kelly Bushing: 3600

Total Depth: 1569 Plug Back Total Depth: 1494

Amount of Surface Pipe Set and Cemented at: 417 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 Garrico Date: 06/07/2011



1057009

Operator Name: Noble Energy, Inc. Lease Name: Nipps Well #: 13-33
 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	1330	
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				

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	9.8750	7	17	416.8	50/50 POZ	285	3% CaCl 2% gel
Production	6.25	4.5	11.6	1538.2	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	Perf intervals 1330-1361	Frac'd with 500 gals 7.5% HCl acid; 114 bbls Mav-100	
	(31' 93 holes) .410 EH 120 Deg	gelled water pad; 256 bbls Mav-100 gelled water w/	
		100,400 Daniels Sand 16/30 & 12/20; 8.30 bbls Mav-100	
		gelled water flush.	

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.	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 Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input 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 OIL WELL CEMENTING, INC.



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

REF. INVOICE # 9862
 LOCATION Voltaire KS
 FOREMAN Justin Cricklen

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATR.
2-3-11	NIPPS 13-33	33	55	39W	Cheyenne	

CHANGE TO <u>Excell</u>	OPERATOR
MAILING ADDRESS	OPERATION
CITY	CONTRACTOR
STATE ZIP CODE	DISTANCE TO LOCATION <u>80</u>
TIME ARRIVED ON LOCATION: <u>5:45pm</u>	TIME LEFT LOCATION: <u>8:15pm</u>

WELL DATA			PRESSURE LIMITATIONS	
HOLE SIZE	TUBING SIZE	PERFORATIONS	THEORETICAL	INSTRUCTED
<u>9 7/8"</u>				
TOTAL DEPTH <u>422</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE APPRUS LONG	
	TUBING WEIGHT	OPEN HOLE	STING	
CASING SIZE <u>7"</u>	TUBING CONDITION		TUBING	
CASING DEPTH <u>416</u>	<u>BB 376</u>	TREATMENT VIA	TREATMENT RATE	
CASING WEIGHT <u>17</u>	PACKER DEPTH		TYPE OF TREATMENT	
CASING CONDITION <u>Good</u>			<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	MAXIMUM BPM
			<input type="checkbox"/> ACID STIMULATION	MAXIMUM BPM
			<input type="checkbox"/> ACID SPOTTING	AVERAGE BPM
			<input type="checkbox"/> JANSO PUMP	
			<input type="checkbox"/> OTHER	HYD HWP - RATE & PRESSURE <u>1.27</u>

PRESSURE SUMMARY			
BREAKDOWN @ CIRCULATING	PSI	AVERAGE	PSI
FINAL DISPLACEMENT	PSI	15P	PSI
APPRUS	PSI	5 MIN SP	PSI
MAXIMUM	PSI	15 MIN SP	PSI
MINIMUM	PSI		

INSTRUCTIONS PRIOR TO JOB MIRU Safety Circ M+P 174 bbls of B3Lite 4/10 yield of 1.37 lit 28
bbls of H2O 4/10 yield of 4.78 gal/sk Displace 15 bbls of H2O Shutin
577

Anulus	Capacity
JOB SUMMARY	<u>MIRU Safety Circ M+P Displace Shutin</u>
DESCRIPTION OF JOB EVENTS	<u>5:45pm 6:33pm 6:58pm 7:00pm 7:18pm 7:36pm</u>

Displace	
7:23pm	10 150
7:35pm	15 200
<u>10 bbls to pit</u>	

Justin Cricklen Rush 2-3-11
 AUTHORIZATION TO PROCEED TITLE 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 thereof which include the release and indemnity.

BISON OIL WELL CEMENTING, INC.



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

REF. INVOICE # 9863
 LOCATION Kottaire KS
 FOREMAN Justin Crinklaw

TREATMENT REPORT

DATE 2-4-11	WELL NAME NIPPS 13-33	SECTION 33	TWP 5S	RGE 39W	COUNTY Cheyenne	FORMATION:
CHARGE TO Excell		OWNER				
MAILING ADDRESS		OPERATOR				
CITY		CONTRACTOR				
STATE ZIP CODE		DISTANCE TO LOCATION: 80				
TIME AT WELL OR LOCATION: 1:15pm		TIME LEFT LOCATION: 4:30				

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE	TUBING SIZE	PERFORATIONS	SURFACE PIPE ANNULUS LOGS	THEORETICAL	INSTRUCTED
6 1/4					
TOTAL DEPTH 1569	TUBING DEPTH	SHOTS/FT	STRONG		
	TUBING WEIGHT	OPEN HOLE	TUBING		
CASING SIZE 4 1/2	TUBING CONDITION				

CASING DATA		TREATMENT VIA	TYPE OF TREATMENT	TREATMENT RATE
CASING DEPTH 1525	PB 1495		<input type="checkbox"/> SURFACE PIPE	BREAKDOWN BPM
CASING WEIGHT 11.60	PACKER DEPTH		<input checked="" type="checkbox"/> PRODUCTION CASING	INITIAL BPM
CASING CONDITION good			<input type="checkbox"/> SQUEEZE CEMENT	FINAL BPM
			<input type="checkbox"/> ACID BREAKDOWN	MAXIMUM BPM
			<input type="checkbox"/> ACID STIMULATION	MAXIMUM BPM
			<input type="checkbox"/> ACID SPOTTING	AVERAGE BPM
			<input type="checkbox"/> MISC PLUG	
			<input type="checkbox"/> OTHER	HTD HHP = RATE X PRESSURE X 4.08

PRESSURE SUMMARY		AVERAGE		BPM	
BREAKDOWN OF CIRCULATING	psi	ISIP	psi		
FINAL DISPLACEMENT	psi	5 MPH SIP	psi		
ANNULUS	psi	15 MPH SIP	psi		
MAXIMUM	psi				
MINIMUM	psi				

INSTRUCTIONS PRIOR TO JOB MIRU Safety Circ @M+P 39 sks of Algol-12 Yield of 2.64 Mix 14.5
bbls of H2O/H2O 15.6 gal/sks @ 12.16 @M+P 56 sks of BG Lite Yield of 1.35 Mix 13
bbls of H2O/H2O 9.7 gal/sks @ 13.8 Dropplug Displace 23.1 bbls of H2O set plug

Annulus .1026 Capacity .0155 20% excess as per same Friction Loss Fluid
while drilling
 JOB SUMMARY MIRU Safety Circ @M+P @M+P Dropplug Displace

Set @	Held @	Displace
1200	1190	7:15-10-100
		4:22-20-400
		4:37-27-1190

bbls to pit

[Signature] Field Rep 2-4-11
 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 hereof which warrant the release and indemnify.



KB-GL: 6 Ft

Casing: 7 inch

Well Name: Nipps 19-33

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)	WU Grade	Description
	0.00	0.00			17	
1	41.71	41.71	-416.83	-375.12		Centralizer
2	41.63	83.34	-375.12	-333.49		
3	35.21	118.55	-333.49	-298.28		
4	41.59	160.14	-298.28	-256.69		
5	43.98	204.12	-256.69	-212.71		
6	38.88	243.00	-212.71	-173.83		
7	41.62	284.62	-173.83	-132.21		
8	41.98	326.60	-132.21	-90.23		
9	41.75	368.35	-90.23	-48.48		
10	42.48	410.83	-48.48	-6.00		
11						
12						
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29						
30						
31						
TOTAL	410.83					

Jts Plan 10
 Meas. 410.83
 Set @ 416.83
 Aprox TD @ 422
 Threads On 412.81



KB-QL: 6 FT

Casing: 4.5 11.8 #J-55

Well Name: Nipps 13-33

Location: Sec 33, 6S, 36W, 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
	0.82	0.82	-1538.21	-1537.29		AFU SHOE
1	42.04	42.86	-1537.29	-1495.25	11.6#J-55	Centralizer & Latch
2	42.02	84.88	-1495.25	-1453.23		Centralizer
3	42.07	127.05	-1453.23	-1411.16		Centralizer
4	42.12	169.17	-1411.16	-1369.04		Centralizer
5	42.14	211.31	-1369.04	-1326.90		Centralizer
6	42.12	253.43	-1326.90	-1284.78		Centralizer
7	14.22	267.65	-1284.78	-1270.56		Centralizer
8	42.07	309.72	-1270.56	-1228.49		Centralizer
9	42.16	351.88	-1228.49	-1186.33		
10	42.09	393.97	-1186.33	-1144.24		
11	42.07	436.04	-1144.24	-1102.17		
12	42.05	478.09	-1102.17	-1060.12		
13	42.15	520.24	-1060.12	-1017.97		
14	42.18	562.42	-1017.97	-975.79		
15	42.05	604.47	-975.79	-933.74		
16	42.08	646.55	-933.74	-891.66		
17	42.20	688.75	-891.66	-849.46		
18	42.16	730.91	-849.46	-807.30		
19	42.15	773.06	-807.30	-765.15		
20	42.10	815.16	-765.15	-723.05		
21	42.19	857.35	-723.05	-680.86		
22	42.28	899.61	-680.86	-638.60		
23	42.18	941.79	-638.60	-596.42		
24	42.12	983.91	-596.42	-554.30		
25	42.18	1026.09	-554.30	-512.12		
26	42.13	1068.22	-512.12	-469.99		
27	42.18	1110.40	-469.99	-427.81		
28	42.17	1152.57	-427.81	-385.64		
29	42.32	1194.89	-385.64	-343.32		
30	42.10	1236.99	-343.32	-301.22		
31	42.13	1279.12	-301.22	-259.09		
32	42.14	1321.26	-259.09	-216.95		
33	42.27	1363.53	-216.95	-174.68		
34	42.19	1405.72	-174.68	-132.49		
35	42.17	1447.89	-132.49	-90.32		
36	42.20	1490.09	-90.32	-48.12		
37	42.12	1532.21	-48.12	-6.00		
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83						
84						
85						
TOTAL		1532.21				

JTs Ran 37
 Meas w/shoe 1532.21
 Set @ 1538.21
 PBTD @ 1495.25
 Threads On 1539.38