



KANSAS CORPORATION COMMISSION 1059146
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 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>03/05/2011</u>	<u>03/06/2011</u>	<u>04/19/2011</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-023-21276-00-00
Spot Description: _____
NW SE NW SE Sec. 33 Twp. 5 S. R. 39 East West
1700 Feet from North / South Line of Section
1900 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Cheyenne
Lease Name: Duell Trusts Well #: 33-33
Field Name: Cherry Creek
Producing Formation: Niobrara
Elevation: Ground: 3586 Kelly Bushing: 3592
Total Depth: 1564 Plug Back Total Depth: 1506
Amount of Surface Pipe Set and Cemented at: 403 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 Gantso Date: 07/07/2011



1059146

Operator Name: Noble Energy, Inc. Lease Name: Duell Trusts Well #: 33-33
 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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input 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 Name Top Datum Niobrara 1330
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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	403	50/50 POZ	175	3% CaCl 2% gel
Production	6.25	4.5	11.6	1552	50/50 POZ	96	12% gel 2% CaCl

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> 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	1330-1359 perf intervals	500 gal 7.5 % HCL acid; 114 bbls MAV-100 Gelled water	
	(29' 87 holes) .410 EH 120 Deg	pad; 256 bbls MAV-100 gelled water w/50,020# 16/30	
		Daniels Sand & 50,020# 12/20 Daniels Sand. Flush	
		w/8.2 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. 06/01/2011	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 Bbbs. 0	Gas Mcf 76	Water Bbbs. 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: _____ _____
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BISON

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

Invoice

Date	Invoice #
3/5/2011	9889

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

Location	Well Name & No.	Job Type	Terms	Rig	
Choyenne-KS	Duell Truss 33-33	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 Joz (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%)	\$375.61
Total	\$4,895.10
Balance Due	\$4,335.10

x 110%
 \$5,208.61

BISON OIL WELL CEMENTING, INC.



1738 Wynkoop St., Ste. 102
 Denver, Colorado 80202
 Phone: 303-298-3010
 Fax: 303-298-6143
 E-mail: bisonoil@qwestoffice.net

REF. INVOICE # 9389
 LOCATION Crowley
 FOREMAN Randy Newton

TREATMENT REPORT

DATE 3-5-11	WELL NAME Duell Trusts 33-33	SECTION 33	TWP 5S	RGE 39W	COUNTY Cheyenne	ESTIMATE#
CHARGE TO Excell	OWNER Noble		OPERATOR			
MAILING ADDRESS	CONTRACTOR Excell 1132		DISTANCE TO LOCATION 57mi			
CITY	STATE ZIP CODE		TIME LEFT LOCATION 7:30pm			
TIME ARRIVED ON LOCATION 5:00pm		Reg 6:00pm		PRESSURE LIMITATIONS		

WELL DATA			PRESSURE LIMITATIONS	
HOLE SIZE	TUBING SIZE	PERFORATIONS	THEORETICAL	INSTRUCTED
4 1/2"				
TOTAL DEPTH 408	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNUBUS LONG	
	TUBING WEIGHT	OPEN HOLE	STRING	
CASING SIZE 7"	TUBING CONDITION		TUBING	

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 or CIRCULATING (psi)	AVERAGE (psi)		
FINAL DISPLACEMENT (bbl)	ISP (psi)		
ANNUBUS (psi)	5 MIN SP (psi)		
MAXIMUM (psi)	15 MIN SP (psi)		
MINIMUM (psi)			

INSTRUCTIONS PRIOR TO JOB MIRU Sm Circ mtp 175 sls of 73-1.2 @ 15.2 lb/gal
Water Reg 4.78 gal per sk 20 Bbls water yield 1.13 cu ft/sk Dof plug
Displace 15 bbls then shut in for down
Annulus 12647 Cap 0415
90% excess as per mark down Tool pusher

JOB SUMMARY	DESCRIPTION OF JOB EVENTS	MIRU Sm Circ mtp	Displace	Displace
		5:00pm	6:40pm	6:55
		6:44pm	6:47	6:58 @ 200
		7:15		7:00 @ 15.200

8 Bbls cement to pit

[Signature] Push 3/5/11 DATE
 AUTHORIZATION TO PROCEED TITLE

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



BISON

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

Invoice

Date	Invoice #
3/6/2011	9890

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

Location	Well Name & No.	Job Type	Terms	Rig	
Cheyenne KS	Duell Truss 33-33	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
Flon Shoe 4 1/2"	Flon 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	40	Sack	16.00 -10.00%	640.00T -64.00
BG-Lite Discount	Ball 13.8 lb/gal 50/50 Poz Discount	56	Sack	16.00 -10.00%	896.00T -89.60
	Subtotal of Materials				2,256.40
					4,778.40

Please Remit Invoices To:

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

Subtotal	\$4,778.40
Sales Tax (8.3%)	\$187.28
Total	\$4,965.68
Balance Due	\$4,965.68

x 110%
 \$ 5,462.25

BISON OIL WELL CEMENTING, INC.



1738 Wynkoop St., Ste. 102
 Denver, Colorado 80202
 Phone: 303-296-3010
 Fax: 303-296-8143
 E-mail: bisonoil@westallco.net

REF. INVOICE # 9840
 LOCATION Governand
 FOREMAN Randy Newton

TREATMENT REPORT

DATE 3-6-11	WELL NAME Duell Trust 33-33	SECTION 33	TWP 5S	RGE 39W	COUNTY Cherokee	FORMATION
CHARGE TO Excell			OWNER Noble			
MAILING ADDRESS			OPERATOR			
CITY			CONTRACTOR Excell Rig 2			
STATE ZIP CODE			DISTANCE TO LOCATION 87mi			
TIME ARRIVED ON LOCATION 12:30pm			TIME LEFT LOCATION 3:45			

WELL DATA			PRESSURE LIMITATIONS	
HOLE SIZE	TUBING SIZE	PERFORATIONS	THEORETICAL	INSTRUCTED
6 1/4				
TOTAL DEPTH 1564	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG	
	TUBING WEIGHT	OPEN HOLE	STRING	
CASING SIZE 4 1/2"	TUBING CONDITION		TUBING	
CASING DEPTH 1557'	Packer Depth 1505'	TREATMENT VIA	TYPE OF TREATMENT	
CASING WEIGHT 11.6			<input type="checkbox"/> SURFACE PIPE	BREAKDOWN BPM
CASING CONDITION good			<input type="checkbox"/> PRODUCTION CASING	NATURAL BPM
			<input type="checkbox"/> SQUEEZE CEMENT	FRIAL BPM
			<input type="checkbox"/> ACID BREAKDOWN	ANNULUS BPM
			<input type="checkbox"/> ACID STIMULATION	MAXIMUM BPM
			<input type="checkbox"/> ACID SPOTTING	ANNULUS BPM
			<input type="checkbox"/> MISC PUMP	
			<input type="checkbox"/> OTHER	HYD HHP = RATE X PRESSURE X 40.8

PRESSURE SUMMARY		AVERAGE		PSI	
BREAKDOWN or CIRCULATING	PSI	ISIP			
FINAL DISPLACEMENT	PSI	5 MIN SP			
ANNULUS	PSI	15 MIN SP			
MAXIMUM	PSI				
MINIMUM	PSI				

INSTRUCTIONS PRIOR TO JOB: MTRU 5m, circ mtp 40 stg of 12-12-12c 12.15 per gal
 water @ 15.6 gal/sk 15 bbls min water field of 2.64 cu ft/sk mtp 5.6 sk
 at 13.8 bbl/sk water @ 9.7 gal/sk, 13 bbl mtr u/w field of 1.35 cu ft/sk
 Drop play Displace with 23.3 bbl's the land play rig down Annuls 1026 gal/sk
 23% excess as per Sam charter Field rep

DESCRIPTION OF JOB EVENTS	MTRU	5m	circ	mtp	mtp	Drop Play	Displace
				3:03	3:08	3:13	3:18
land play							321 10 400
3:30							3:25 203 600
							3:28 23 1100

9 lbs cement top of
 land play 1100 psi

C. Chant Field Rep TITLE DATE 3-6-11

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 release and indemnity.



KB- 6 Ft

Casing: 7 inch

Well Name: Duell Trusts 33-33 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	44.01	44.01	-402.92	-358.91		Centralizer
2	44.02	88.03	-358.91	-314.89		
3	44.11	132.14	-314.89	-270.78		
4	43.38	175.52	-270.78	-227.40		
5	44.08	219.58	-227.40	-183.34		
6	44.95	264.53	-183.34	-138.39		
7	44.35	308.88	-138.39	-94.04		
8	43.65	352.53	-94.04	-50.39		
9	44.39	396.92	-50.39	-6.00		
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31						
TOTAL	396.92					

Jts Ran 9
Meas. 396.92
Set @ 402.92
Aprox TD @ 408
Threads On 398.70



KB-GL: 6 Ft

Casing: 4.5 11.8# J-65

Well Name: Duell Trusts 33-33

Location: Sec 33, 5S, 39W, Cheyenne Co, KS

Joint No.	Joint Length, Ft	Total Footage, Ft	Depth KB, Ft (base of Jt)	Depth KB, Ft (top of Jt)	Wt/Grade	Description
	0.92	0.92	-1552.00	-1551.08		AFU SHOE
1	45.38	46.30	-1651.08	-1505.70	11.8#J-65	Centralizer & Latch
2	40.07	86.37	-1505.70	-1485.63		Centralizer
3	42.16	128.53	-1485.63	-1423.47		Centralizer
4	42.02	170.55	-1423.47	-1381.45		Centralizer
5	42.09	212.64	-1381.45	-1339.39		Centralizer
6	38.75	249.39	-1339.39	-1302.61		Centralizer
7	14.53	263.92	-1302.61	-1288.08		Centralizer
8	42.10	306.02	-1288.08	-1245.98		Centralizer
9	42.10	348.12	-1245.98	-1203.88		
10	42.32	390.44	-1203.88	-1161.56		
11	43.64	434.08	-1161.56	-1117.92		
12	42.08	476.16	-1117.92	-1075.84		
13	42.08	518.24	-1075.84	-1033.76		
14	42.08	560.33	-1033.76	-991.67		
15	42.02	602.35	-991.67	-949.65		
16	42.14	644.49	-949.65	-907.51		
17	42.16	686.65	-907.51	-865.35		
18	40.02	726.67	-865.35	-825.33		
19	44.89	771.56	-825.33	-780.44		
20	42.15	813.71	-780.44	-738.29		
21	34.41	848.12	-738.29	-703.88		
22	42.21	890.33	-703.88	-661.67		
23	43.27	933.60	-661.67	-618.40		
24	42.78	976.38	-618.40	-575.62		
25	42.17	1018.55	-575.62	-533.45		
26	42.63	1061.18	-533.45	-490.82		
27	34.30	1095.48	-490.82	-456.52		
28	41.87	1137.35	-456.52	-414.65		
29	42.12	1179.47	-414.65	-372.53		
30	41.97	1221.44	-372.53	-330.58		
31	42.03	1263.47	-330.58	-288.53		
32	36.05	1299.52	-288.53	-252.48		
33	42.26	1341.78	-252.48	-210.22		
34	42.25	1384.03	-210.22	-167.97		
35	35.55	1419.58	-167.97	-132.42		
36	42.11	1461.69	-132.42	-90.31		
37	42.12	1503.81	-90.31	-48.19		
38	42.19	1546.00	-48.19	-6.00		
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85						
TOTAL		1546.00				

JTs Ran 38
 Meas w/shoe 1546.00
 Set @ 1552.00
 PBTD @ 1505.70
 Threads On 1563.39