

**KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE**

Amended

ORIGINAL

Form ACO-1

June 2009

Form Must Be Typed

Form must be Signed

All blanks must be Filled

OPERATOR: License # 33190
 Name: Noble Energy Inc
 Address 1: 1625 Broadway
 Address 2: Suite 2200
 City: Denver State: CO Zip: 80202 + _____
 Contact Person: Cheryl Johnson
 Phone: (303) 228-4437
 CONTRACTOR: License # 8273
 Name: Excell Services Inc, LLC
 Wellsite Geologist: NA
 Purchaser: _____

API No. 15 - 181-20543-00-00

Spot Description: _____
SE SE NW NW Sec. 1 Twp. 6 S. R. 40 East West
1,100 Feet from North / South Line of Section
1,150 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

County: Sherman

Lease Name: Billinger Well #: 11-1

Field Name: _____

Producing Formation: Niobrara

Elevation: Ground: 3607 Kelly Bushing: 3616

Total Depth: 1602 Plug Back Total Depth: 1555

Amount of Surface Pipe Set and Cemented at: 381 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 #: _____

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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 (Corr, 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 #: _____

8/4/2008	8/6/2011	10/5/2010
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2075, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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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.

Signature: Cheryl Johnson
 Title: Regulatory Analyst Date: 1-30-12

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: Dog Date: 2/7/12

Operator Name: Noble Energy Inc Lease Name: Billinger Well #: 11-1
 Sec. 1 Twp. 6 S. R. 40 East West County: Sherman

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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: Logs previously sent 12/3/2008 w/1st ACO-1.	<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>1371</td> <td></td> </tr> </table>	Name	Top	Datum	Niobrara	1371	
Name	Top	Datum					
Niobrara	1371						

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	381	50/50 POZ	132	3% CaCl 2% gel
Production	6.25	4.50	10.5	1596	50/50 POZ	92	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 <i>(Amount and Kind of Material Used)</i>	Depth
3	Perf Intervals 1372-1396	Frac'd w/500 gals 7.5% HCl acid; 114 bbls MAV	
	(24' 72 holes) .42 EH 120 deg	-100 gelled water pad; 192 bbls Mav-100 gelled	
		water; 37,620# 16/30 Daniels Sand & 37,880#	
		12/20 Daniels Sand; 8.7 bbls gelled water	

TUBING RECORD: Size: <u>2 3/8</u> Set At: <u>1418</u> Packer At: <u> </u> Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No		RECEIVED FEB 03 2012
Date of First, Resumed Production, SWD or ENHR: <u>6/30/2011</u>	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) <u> </u>	
Estimated Production Per 24 Hours	Oil Bbls. <u>0</u>	Gas Mcf <u>70</u>
	Water Bbls. <u>0</u>	Gas-Oil Ratio <u> </u>
		Gravity <u> </u>

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)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) <u> </u>	PRODUCTION INTERVAL: <u>1372-1396</u>
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KI : 9 Ft

Casing: 7 inch

Well Name: Billinger 11-1

Location: Sec 1 6S 40W Sherman co Ks

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# NLS	
1	22.40	22.40	-381.30	-358.90		Centralizer
2	21.85	44.25	-358.90	-337.05		
3	22.20	66.45	-337.05	-314.85		
4	22.10	88.55	-314.85	-292.75		
5	20.80	109.35	-292.75	-271.95		
6	22.30	131.65	-271.95	-249.65		
7	22.30	153.95	-249.65	-227.35		
8	21.00	174.95	-227.35	-206.35		
9	22.10	197.05	-206.35	-184.25		
10	22.30	219.35	-184.25	-161.95	Ran 17 jts	Meas:372.30
11	22.20	241.55	-161.95	-139.75		set @ 381.30
12	22.40	263.95	-139.75	-117.35		
13	22.15	286.10	-117.35	-95.20		
14	21.20	307.30	-95.20	-74.00		
15	22.50	329.80	-74.00	-51.50		
16	21.15	350.95	-51.50	-30.35		
17	21.35	372.30	-30.35	-9.00		
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TOTAL	372.30					

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Well Name: Billinger 11-1 Location: Sec 1 6S 40W Sherman co Ks

Joint No.	39.45	Total Footage, Ft	Depth KB, Ft (base of jt)	Depth KB, Ft (top of jt)	WU Grade	Description
	0.50	0.50	-1595.65	-1595.15		AFU shoe w/ float
1	40.72	41.22	-1595.15	-1554.43	10.5# J55	Latch
2	40.65	81.87	-1554.43	-1513.78		
3	39.45	121.32	-1513.78	-1474.33		Centralizer
4	40.33	161.65	-1474.33	-1434.00		Centralizer
5	39.72	201.37	-1434.00	-1394.28		Centralizer
6	25.80	227.17	-1394.28	-1368.48		Centralizer
7	40.28	267.45	-1368.48	-1328.20		Centralizer
8	42.65	310.10	-1328.20	-1285.55		Centralizer
9	38.85	348.95	-1285.55	-1248.70		Centralizer
10	41.28	390.23	-1248.70	-1205.42		Centralizer
11	40.68	430.91	-1205.42	-1164.74		
12	40.34	471.25	-1164.74	-1124.40		
13	40.35	511.60	-1124.40	-1084.05		
14	40.70	552.30	-1084.05	-1043.35		
15	39.60	591.90	-1043.35	-1003.75		
16	40.72	632.62	-1003.75	-963.03		
17	40.70	673.32	-963.03	-922.33		
18	41.35	714.67	-922.33	-880.98		
19	39.45	754.12	-880.98	-841.53		
20	40.70	794.82	-841.53	-800.83		
21	40.20	835.02	-800.83	-760.63		
22	40.31	875.33	-760.63	-720.32		
23	40.70	916.03	-720.32	-679.62		
24	40.72	956.75	-679.62	-638.90		
25	40.25	997.00	-638.90	-598.65		
26	40.28	1037.28	-598.65	-558.37		
27	40.35	1077.63	-558.37	-518.02		
28	39.60	1117.23	-518.02	-478.42		
29	39.38	1156.61	-478.42	-439.04		
30	40.75	1197.36	-439.04	-398.29		
31	40.70	1238.06	-398.29	-357.59		
32	40.60	1278.66	-357.59	-316.99		
33	40.38	1319.04	-316.99	-276.61		
34	40.32	1359.36	-276.61	-236.29		
35	38.85	1398.21	-236.29	-197.44		
36	40.71	1438.92	-197.44	-158.73		
37	40.70	1479.62	-158.73	-118.03		
38	40.73	1520.35	-118.03	-75.30		
39	40.70	1561.05	-75.30	-34.60		
40	25.60	1586.65	-34.60	-9.00		
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TOTAL		1586.65				

Ran 40 jts meas: 1586.65
 set@ 1595.65
 P8TD 1554.93

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