

**ORIGINAL  
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**KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION**

Form ACO-1  
September 1999  
Form Must Be Typed

**WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE**

Operator: License # 33190  
Name: Noble Energy, Inc.  
Address: 1625 Broadway, Suite 2200  
City/State/Zip: Denver, CO 80202  
Purchaser: Kinder Morgan  
Operator Contact Person: Raelene Milne  
Phone: (303) 228-4212  
Contractor: Name: Excell Services Inc., Wray, CO  
License: 8273

Wellsite Geologist: none  
Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SLOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-entry: Old Well Info as follows:  
Operator: n/a

Well Name: \_\_\_\_\_  
Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_  
 Deepening  Re-perf.  Conv. to Enhr./SWD  
 Plug Back  Plug Back Total Depth  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?)  Docket No. \_\_\_\_\_

1/17/2008	1/19/2008	2/4/2008
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 023-20846-00-00  
County: Cheyenne  
NW NE Sec. 31 Twp. 3 S. R. 41  East  West  
945' feet from S / (N) (circle one) Line of Section  
2490' feet from (E) W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Zimbelman Well #: 31-31  
Field Name: Cherry Creek

Producing Formation: Niobrara  
Elevation: Ground: 3664' Kelly Bushing: 3673'  
Total Depth: 1734' Plug Back Total Depth: 1662'  
Amount of Surface Pipe Set and Cemented at 324' cmt w/ 104 sx Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from n/a  
feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.  
Alt - Dlg - 9/18/08

**Drilling Fluid Management Plan**  
(Data must be collected from the Reserve Pit)  
Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls  
Dewatering method used \_\_\_\_\_  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, 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.

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: Jennifer Batt  
Title: Permit Representative Date: 3/10/2008  
Subscribed and sworn to before me this 10<sup>th</sup> day of March  
20 08  
Notary Public: Raelene K. Milne  
Date Commission Expires: August 6, 2011

**KCC Office Use ONLY**

Letter of Confidentiality Received  
 If Denied, Yes  Date: \_\_\_\_\_ **RECEIVED**  
 Wireline Log Received **KANSAS CORPORATION COMMISSION**  
 Geologist Report Received  
 UIC Distribution **MAR 11 2008**  
**CONSERVATION DIVISION  
WICHITA, KS**

Operator Name: Noble Energy, Inc. Lease Name: Zimelman Well #: 31-31  
 Sec. 31 Twp. 3 S. R. 41  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 copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken  Yes  No  
 (Attach Additional Sheets)  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No  
 Electric Log Run  Yes  No  
 (Submit Copy)

Log Formation (Top), Depth and Datum  Sample  
 Name Top Datum  
 Niobrara 1499'

List All E. Logs Run:

**Triple Combo/ Array Induction/ Comp. Neutron  
 Litho Density, CBL/GR/CCL**

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 7/8"	7"	17 Lbs./Ft.	324'	50/50 POZ	104	3% CaCl, .25% Flo-cele
Production	6 1/4"	4 1/2"	10.5 Lbs./Ft.	1704'	Lead, Type III	41	12%gel, 2%CaCl, .25 Flo-cele
					Tail, 50/50 POZ	56	3%CaCl, .25% flo-cele

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 spf	Perf. Niobrara interval from 1498' to 1540'  (42', 3spf, 126 holes). 0.41"EHD, 120 degree phase.	Niobrara frac'd with 500 gals 7.5% HCL acid, 12,000 gals of 25% CO2 foamed gel pad; 32,106 gals 25% CO2 foamed gel carrying 100,020 lbs 16/30 Badger sand. AIP-557psi; AIR-12.7 bpm.	

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

Date of First, Resumerd Production, SWD or Enhr. <b>2/28/2008</b>	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. Gas Mcf Water Bbls. Gas-Oil Ratio Gravity
0	101 0 0

Disposition of Gas:  Vented  Sold  Used on Lease (If vented, Submit ACO-18)  
 METHOD OF COMPLETION:  Open Hole  Perf.  Dually Comp.  Commingled  
 Other (Specify)

# BISON OIL WELL CEMENTING, INC.



1738 Wynkoop St., Ste. 102  
 Denver, Colorado 80202  
 Phone: 303-296-3010  
 Fax: 303-298-8143  
 E-mail: bisonoil1@qwest.net

INVOICE # 0702  
 LOCATION ZIMBELMAN 31-31  
 FOREMAN Jose Whitley Jim

## TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
4/17/08	ZIMBELMAN 31-31				Cherokee	

CHARGE TO <u>Excell services</u>	OWNER
MAILING ADDRESS	OPERATOR
CITY	CONTRACTOR <u>McPherson</u>
STATE ZIP CODE	DISTANCE TO LOCATION
TIME ARRIVED ON LOCATION <u>5:00</u>	TIME LEFT LOCATION <u>6:30</u>

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <u>9 7/8</u>	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
TOTAL DEPTH <u>318</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE <u>7"</u>	TUBING CONDITION		TUBING		
CASING DEPTH <u>315</u>		TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT <u>17</u>	PACKER DEPTH		<input checked="" type="checkbox"/> SURFACE PIPE	BREAKDOWN BPM	
CASING CONDITION <u>Good</u>			<input type="checkbox"/> PRODUCTION CASING	INITIAL BPM	
PRESSURE SUMMARY			<input type="checkbox"/> SQUEEZE CEMENT	FINAL BPM	
BREAKDOWN or CIRCULATING psi	AVERAGE psi		<input type="checkbox"/> ACID BREAKDOWN	MINIMUM BPM	
FINAL DISPLACEMENT psi	ISIP psi		<input type="checkbox"/> ACID STIMULATION	MAXIMUM BPM	
ANNULUS psi	5 MIN SIP psi		<input type="checkbox"/> ACID SPOTTING	AVERAGE BPM	
MAXIMUM psi	15 MIN SIP psi		<input type="checkbox"/> MISC PUMP		
MINIMUM psi			<input type="checkbox"/> OTHER	HYD HHP = RATE X PRESSURE X 40.8	

INSTRUCTIONS PRIOR TO JOB WIP, safety Est. r/c, W/P 104 SKS cement yield 1.13  
Density 15.2 Displace 12 bbls H2O shut in well wash to pit

JOB SUMMARY  
 DESCRIPTION OF JOB EVENTS (5:15) WIP, (5:20) safety meeting, (5:30) Est. r/c,  
(5:32) W/P 104 SKS cement, (5:45) Displace 12 bbls H2O  
(5:50) shut in well wash to pit  
5 bbls to pit

Bill [Signature] AUTHORIZATION TO PROCEED  
 TITLE \_\_\_\_\_ DATE 4/17/08

RECEIVED  
 KANSAS CORPORATION COMMISSION

MAR 11 2008

# BISON OIL WELL CEMENTING, INC.



1738 Wynkoop St., Ste. 102  
 Denver, Colorado 80202  
 Phone: 303-296-3010  
 Fax: 303-298-8143  
 E-mail: bisonoil1@qwest.net

INVOICE # 6895  
 LOCATION Zimbelman 31-31  
 FOREMAN Jose Ruben Tola Adan

## TREATMENT REPORT

DATE <u>1/19/08</u>	WELL NAME <u>Zimbelman 31-31</u>	SECTION	TWP	RGE	COUNTY <u>(Cheyenne)</u>	FORMATION
CHARGE TO <u>Excell Services</u>			OWNER			
MAILING ADDRESS			OPERATOR			
CITY			CONTRACTOR <u>Excell Rig #17</u>			
STATE ZIP CODE			DISTANCE TO LOCATION <u>70 Miles</u>			
TIME ARRIVED ON LOCATION <u>10:00 Request 10:30</u>			TIME LEFT LOCATION <u>12:00 AM</u>			

WELL DATA			PRESSURE LIMITATIONS			
HOLE SIZE	TUBING SIZE	PERFORATIONS	THEORETICAL		INSTRUCTED	
<u>6 1/2</u>						
TOTAL DEPTH <u>1734</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LOW			
<u>P/B 1661.661</u>	TUBING WEIGHT	OPEN HOLE	STRING			
CASING SIZE <u>4 1/2</u>	TUBING CONDITION		TUBING			
CASING DEPTH <u>1695.13</u>		TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE	
CASING WEIGHT <u>105</u>	PACKER DEPTH		<input type="checkbox"/> SURFACE PIPE		BREAKDOWN BPM	
CASING CONDITION <u>Good</u>			<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		HYD HHP = RATE X PRESSURE X 40.8	

INSTRUCTIONS PRIOR TO JOB HIRU, Safety Meeting, Est. Circu. PUMP 30 BBLs Kcl water Mud Flush  
M/P 41 SKS Lead Cement, yield 26.4 Density 12. M/P 56 SKS Tail cement  
yield 1.83 Density 13.8, Drop Plug, Displace 26.4 BBLs H<sub>2</sub>O  
Set Plug Between 1200 & 1500 PSI wash up to pit Rig Down

JOB SUMMARY  
 DESCRIPTION OF JOB EVENTS (10:00) HIRU, (10:30) Safety Meeting, (10:45) Est. Circu,  
PUMP 30 BBLs Mud Flush, (10:50) M/P 41 SKS lead cement (11:00) M/P 56 SKS  
Tail cement, (11:06) Drop Plug (11:09) Displace 26.4 BBLs H<sub>2</sub>O  
Set (11:13) 10 BBLs Away 200 PSI  
(11:17) 20 BBLs Away 600 PSI  
(11:20) Set Plug at 1500 PSI

10 BBLs to Pit

RECEIVED  
 KANSAS CORPORATION COMMISSION

[Signature]  
 AUTHORIZATION TO PROCEED

TITLE

1/19/08

DATE

**MAR 11 2008**