

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

**ORIGINAL**

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     SIOW     Temp. Abd.  
 Gas     ENHR     SIGW  
 Dry     Other (Core, WSW, Expl., Cathodic, 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./SWD  
 Plug Back     Plug Back Total Depth  
 Commingled    Docket No. \_\_\_\_\_  
 Dual Completion    Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?)    Docket No. \_\_\_\_\_  

<u>1/5/2008</u>	<u>1/9/2008</u>	<u>1/25/2008</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 023 - 20854-00-00  
 County: Cheyenne  
 NE NE Sec. 33 Twp. 3 S. R. 41  East  West  
920' feet from S /  (circle one) Line of Section  
860' feet from  (circle one) W Line of Section  
 Footages Calculated from Nearest Outside Section Corner:  
 (circle one) NE SE NW SW  
 Lease Name: Zweygardt Well #: 41-33  
 Field Name: Cherry Creek  
 Producing Formation: Niobrara  
 Elevation: Ground: 3569' Kelly Bushing: 3578'  
 Total Depth: 1615' Plug Back Total Depth: 1554'  
 Amount of Surface Pipe Set and Cemented at 241' cmt w/ 78 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 I - Dig - 9/8/08

**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: Jens Barnett  
 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: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

**RECEIVED**  
 KANSAS CORPORATION COMMISSION  
**MAR 11 2008**  
 CONSERVATION DIVISION  
 WICHITA, KS

Operator Name: Noble Energy, Inc. Lease Name: Zweygardt Well #: 41-33  
 Sec. 33 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 Niobrara Top 1378' Datum

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.	241'	50/50 POZ	78	2% CaCl, .25% Flo-cele
Production	6 1/4"	4 1/2"	10.5 Lbs./Ft.	1596'	Lead, Type III	36	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 from 1378' to 1418', (40', 3spf, 120 holes) 0.41"EHD	Niobrara frac'd with 500 gals 7.5% HCL acid, 12,000 gals of 25% CO2 foamed gel pad; 32,040 gals 25% CO2 foamed gel carrying 100,040 lbs 16/30 Daniels sand. AIP-640psi; AIR-12.2 bpm.	

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

Date of First, Resumed Production, SWD or Enhr. <b>3/6/2008</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
	0	105	0	0

Disposition of Gas  Vented  Sold  Used on Lease (If vented, Submit ACO-18.)

METHOD OF COMPLETION  Open Hole  Perl.  Dually Comp.  Commingled  Other (Specify)

Production Interval

# 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 # 6809

LOCATION St. Francis KS

FOREMAN STANLEY R. STIMPSON  
CLORENCE  
GLENN

## TREATMENT REPORT

DATE <u>1-9-08</u>	WELL NAME <u>ZWEYGARDT 41-33</u>	SECTION	TWP	RGE	COUNTY <u>CHEYENNE</u>	FORMATION
CHARGE TO <u>EXCELL</u>		OWNER				
MAILING ADDRESS		OPERATOR <u>GREG</u>				
CITY		CONTRACTOR <u>EXCELL RIGIT</u>				
STATE ZIP CODE		DISTANCE TO LOCATION				
TIME ARRIVED ON LOCATION <u>6:45</u>		TIME LEFT LOCATION <u>8:30</u>				

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <u>1 1/4</u>	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
TOTAL DEPTH <u>1615</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULLUS LONG		
	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE <u>4 1/2</u>	TUBING CONDITION		TUBING		
CASING DEPTH <u>1587</u>		TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT <u>10.5</u>	PACKER DEPTH		<input type="checkbox"/> SURFACE PIPE	BREAKDOWN BPM	
CASING CONDITION <u>good</u>	<u>POTD 1553</u>		<input checked="" 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	
ANNULLUS 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 MTRU SAFETY MEETING 1ST-CIRC m-p 3033315 mud flush  
m-p 36545 50/50 POZ 12% BBG-1 2% BCCA-1 1% DEL-50 .25% BFLA-1  
m-p 56445 50/50 POZ 2% BBG-1 2% BCCA-1 .25% BFLA-1 DROP PLUG  
Displace 24.73315 H2O SET PLUG 1400 TO 1500 PSI CHECK FLOAT & PLUG  
wash up TO PIT Rig down

JOB SUMMARY  
 DESCRIPTION OF JOB EVENTS MTRU (6:50) SAFETY (7:19) mud flush (7:22)  
m-p tail cement (7:36)  
Drop plug (7:43)  
Displace (7:47)

Time	Annul	PSI
7:51	10	300
7:55	20	500
7:58	SET PLUG	1500

RR15 TO PIT (6) RECEIVED  
 KANSAS CORPORATION COMMISSION

MAR 11 2008

CONSERVATION DIVISION  
 WICHITA, KS

[Signature]  
 AUTHORIZATION TO PROCEED

TITLE

DATE

1-9-08

Customers hereby acknowledge and specifically agree 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 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 # 6754  
 LOCATION Zweygardt 41-33  
 FOREMAN Jose Stan

## TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
1/5/07	Zweygardt 41-33				Cheyenne	

CHARGE TO <u>Excell Services</u>	OWNER
MAILING ADDRESS	OPERATOR
CITY	CONTRACTOR <u>McPherson</u>
STATE ZIP CODE	DISTANCE TO LOCATION <u>70 miles</u>
TIME ARRIVED ON LOCATION <u>2:30</u>	TIME LEFT LOCATION

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <u>9 7/8</u>	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
TOTAL DEPTH <u>237</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>232</u>		TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT <u>17#</u>	PACKER DEPTH		<input 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	ISP 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 NHP = RATE X PRESSURE X 40.8	

INSTRUCTIONS PRIOR TO JOB MIRU, Safety, Est. Circu, M/P 70 SKS cement yield 1.13  
Density 15.2 Displace 8.5 BBLs H<sub>2</sub>O shut in well  
wash to pit

JOB SUMMARY  
 DESCRIPTION OF JOB EVENTS: (2:30) MIRU, (2:40) Safety, (2:47) Est. Circu,  
(2:50) M/P 70 SKS cement, (2:55) Displace 8.5 BBLs H<sub>2</sub>O  
(3:00) shut in well wash to pit

3 BBLs to pit

RECEIVED  
 KANSAS CORPORATION COMMISSION

MAR 11 2008

CONSERVATION DIVISION  
 WICHITA, KS

Bill J McPherson TITLE \_\_\_\_\_ DATE 1/5/07  
 AUTHORIZATION TO PROCEED

Customers 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.