

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: Jennifer Barnett  
 Phone: (303) 228-4235  
 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: \_\_\_\_\_  
 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>5/30/2008</u>	<u>5/31/2008</u>	<u>6/17/2008</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

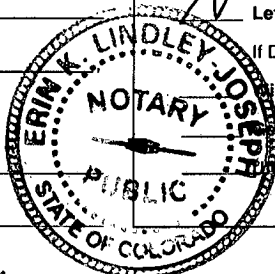
API No. 15 - 023-20844-0000  
 County: Cheyenne  
 SE SW \_\_\_\_\_ Sec. 31 Twp. 3 S. R. 41  East  West  
660' feet from (S) / N (circle one) Line of Section  
1980' feet from E / (W) (circle one) Line of Section  
 Footages Calculated from Nearest Outside Section Corner:  
 (circle one) NE SE NW (SW)  
 Lease Name: Zweygardt Well #: 24-31  
 Field Name: Cherry Creek  
 Producing Formation: Niobrara  
 Elevation: Ground: 3628' Kelly Bushing: 3634'  
 Total Depth: 1686' Plug Back Total Depth: 1646'  
 Amount of Surface Pipe Set and Cemented at 318' cmt w/123 sx 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 Alt 1 NCR 8-6-08  
 (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 Barnett  
 Title: Permit Representative Date: 7/21/08  
 Subscribed and sworn to before me this 21<sup>st</sup> day of July  
 20 08  
 Notary Public: Erin K. Lindley Joseph  
 Date Commission Expires: \_\_\_\_\_



**KCC Office Use ONLY**  
 Letter of Confidentiality Received \_\_\_\_\_  
 If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received \_\_\_\_\_  
 Geologist Report Received \_\_\_\_\_  
 Distribution \_\_\_\_\_  
**RECEIVED**  
 KANSAS CORPORATION COMMISSION  
**JUL 22 2008**

CONSERVATION DIVISION  
WICHITA, KS

*My Commission Expires Aug. 20, 2008.*

Operator Name: Noble Energy, Inc. Lease Name: Zweygardt Well #: 24-31  
 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 <i>(Attach Additional Sheets)</i>	<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 Niobrara	Top 1466'
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Datum	
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
List All E. Logs Run:			
<b>Triple Combo (Array Induction/Comp. Nuetron/ Litho Density), CBL/GR/CCL</b>			

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.	318'	50/50 POZ	123 sx	3% CaCl. .25% Flo-cele
Production	6 1/4"	4 1/2"	11.6 Lbs./Ft.	1681'	Lead, Type III	38 sx	12% gel, 2% CaCl. .25% Polyflake
					Tail, Type III	56 sx	2% Gel, 1% CFL-80

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 spf	Perf Niobrara interval from 1466'-1504'	Niobrara frac'd with 500 gals 7.5% HCL acid, 12,000 gals of	
	(38', 3spf, 114 holes) .41" EHD, 120 degree phase	25% CO2 foamed gel pad; 31,964 gals 25% CO2 foamed	
		gel carrying 100,040 lbs 16/30 sand. ATP-613 psi; ATR-14.3 bpm.	

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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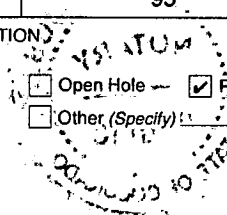
Date of First, Resumerd Production, SWD or Enhr. 7/1/2008	Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	0	95	0	0	

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

METHOD OF COMPLETION:  Open Hole  Perf.  Dually Comp.  Commingled

Production Interval:  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 # 7665  
 LOCATION C.R. 5 ST. FRANCIS  
 FOREMAN Eric, Jose, Allison

## TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
5-30-08	Zweygart 24-31				cheyenne	

CHARGE TO <u>Excell Services</u>	OWNER
MAILING ADDRESS	OPERATOR <u>Mark</u>
CITY	CONTRACTOR <u>Excell Rig 2</u>
STATE ZIP CODE	DISTANCE TO LOCATION <u>70 miles</u>
TIME ARRIVED ON LOCATION <u>8:45 Requested 9:00</u>	TIME LEFT LOCATION

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <u>9 7/8</u>	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
TOTAL DEPTH <u>323</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>318</u>		TREATMENT VIA	TYPE OF TREATMENT	TREATMENT RATE	
CASING WEIGHT <u>17<sup>2</sup></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 mTRP, Safety meeting, Est. circ. mTRP 123 sks cement yield 1.13 Density 15.2, Displace 12 BBLs H<sub>2</sub>O, shut in well wash up to pit.

### JOB SUMMARY

DESCRIPTION OF JOB EVENTS mTRP (8:45), Safety meeting (9:50) Est. circ. mTRP 123 sks cement (10:00) Displace 12 BBLs H<sub>2</sub>O (10:09) shut in well wash up to pit (10:45)

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JUL 22 2008

CONSERVATION DIVISION  
 WICHITA, KS

[Signature]  
 AUTHORIZATION TO PROCEED

[Signature]  
 TITLE

5-30-08  
 DATE

# 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 # 7762  
 LOCATION CR5  
 FOREMAN PAT CLARENCE TIM

## TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
5-31-08	ZUCY GARDY 24-31				Cherokee	

CHARGE TO <u>EXCEL SERVICES</u>	OWNER <u>NOBLE</u>
MAILING ADDRESS	OPERATOR
CITY	CONTRACTOR <u>EXCEL</u>
STATE ZIP CODE	DISTANCE TO LOCATION <u>70 MILES</u>
TIME ARRIVED ON LOCATION <u>3:00</u>	TIME LEFT LOCATION <u>6:30</u>

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <u>6 1/2</u>	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
TOTAL DEPTH <u>1686</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE <u>4 1/2</u>	TUBING CONDITION		TUBING		
CASING DEPTH <u>1674</u>		TREATMENT VIA	TYPE OF TREATMENT	TREATMENT RATE	
CASING WEIGHT <u>11.6</u>	PACKER DEPTH		<input type="checkbox"/> SURFACE PIPE	BREAKDOWN BPM	
CASING CONDITION <u>GOOD</u>			<input checked="" 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 NHP = RATE X PRESSURE X 40.8	

INSTRUCTIONS PRIOR TO JOB MIRL, SAFETY meeting, ESTABLISH WITH 20 BPM IN WELLSH  
W/P 3855 LEAD CEMENT 120 DENSI 2.64 YIELD, W/P 5655 TOIL CEMENT  
1.78 DENSITY 1.83 YIELD DROP PLUG DISPLACE 256 P/BUSH 20 BUMP PLUG  
1200 TO 1500 PSI RELEASE PRESSURE, WASH UP TO PIT RIG DOWN

JOB SUMMARY  
 DESCRIPTION OF JOB EVENTS MIRL 4:00 SAFETY 5:08 W/P 5:12 CEM 5:19  
W/P 5:30 DIS 5:34 10AVG 5:37 PSI 200 20AVG 5:41 PSI 500  
25.6AVG 5:45 PSI 1500 B/BUSH TO PIT 2

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 CONSERVATION DIVISION  
 WICHITA, KS

*[Signature]*

5-31-08

AUTHORIZATION TO PROCEED TITLE DATE

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.