

ORIGINAL

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/Cherry Creek  
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  SIOW  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. \_\_\_\_\_

<u>8/13/2008</u>	<u>8/14/2008</u>	<u>9/2/2008</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 023-21084-0000  
County: Cheyenne  
NW NE SW SW Sec. 33 Twp. 3 S. R. 41  East  West  
1,010' feet from (S) N (circle one) Line of Section  
870' 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 #: 14-33B  
Field Name: Cherry Creek

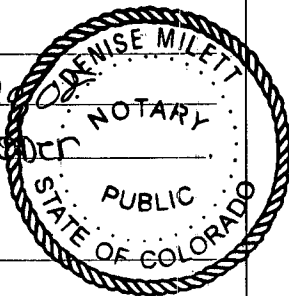
Producing Formation: Niobrara  
Elevation: Ground: 3588' Kelly Bushing: 3597'  
Total Depth: 1600' Plug Back Total Depth: 1525'  
Amount of Surface Pipe Set and Cemented at 250' cmt w/ 87 sx Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from n/a  
feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan Ait I NR  
(Data must be collected from the Reserve Pit) 12-19-08  
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: Regulatory Analyst Date: 10/29/08  
Subscribed and sworn to before me this 20th day of October  
2008  
Notary Public: Deiuse M. Ilett  
Date Commission Expires: 11/09/08



**KCC Office Use ONLY**  
 Letter of Confidentiality Received  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
**RECEIVED**  
KANSAS CORPORATION COMMISSION  
**OCT 27 2008**

My Commission Expires 11/09/2008  
CONSERVATION DIVISION  
WICHITA, KS

Operator Name: Noble Energy, Inc. Lease Name: Zweygardt Well #: 14-33B  
 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 <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 <i>(Submit Copy)</i>  List All E. Logs Run:  <b>Triple Combo (DEN/NEU/IND), CBL/CCL/GR</b>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name <u>Niobrara</u> Top <u>1352'</u> Datum _____
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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 7/8"	7"	17 Lbs/Ft.	250'	50/50 POZ	87 sx	3% CaCl, .25% Flo-cel
Production	6 1/4"	4 1/2"	10.5 Lbs./Ft.	1569'	Lead Type III	34 sx	12% Gel, 2% CaCl, .25% Polyfaka
					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 1352'-1390'	Niobrara frac'd with 500 gals 7.5% HCL acid, 12,000 gals of	
	(38', 3spf, 114 holes) .42" EHD, 120 degree phase	25% CO2 foamed gel pad; 31.893 gals 25% CO2 foamed	
		gel carrying 100,060 lbs 16/30 sand. ATP- 617 psi; ATR- 12.8 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. <b>9/19/2008</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. <b>0</b>	Gas Mcf <b>106</b>	Water Bbls. <b>0</b>	Gas-Oil Ratio <b>0</b>	Gravity

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

METHOD OF COMPLETION  Open Hole  Perf.  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: 303-298-8149  
 E-mail: bisonoil1@qwest.net

INVOICE # 7837

LOCATION CR7+CR4

FOREMAN PST  
 FRAYCE  
 JUSTIN

## TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
8-13-08	ZUCY GARDT 14173B	33	3	41	Cherokee	

CHARGE TO EXCEL SERVICES	OWNER NOBLE
MAILING ADDRESS	OPERATOR
CITY	CONTRACTOR M C P HENSON
STATE ZIP CODE	DISTANCE TO LOCATION 7.0 MILES
TIME ARRIVED ON LOCATION 5:45	TIME LEFT LOCATION 8:30

WELL DATA			PRESSURE LIMITATIONS	
HOLE SIZE 9 5/8	TUBING SIZE	PERFORATIONS	THEORETICAL	INSTRUCTED
TOTAL DEPTH 246	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG	
	TUBING WEIGHT	OPEN HOLE	STRING	
CASING SIZE 7"	TUBING CONDITION		TUBING	
CASING DEPTH 242		TREATMENT VIA	TYPE OF TREATMENT	TREATMENT RATE
CASING WEIGHT 17	PACKER DEPTH		<input checked="" type="checkbox"/> SURFACE PIPE	BREAKDOWN BPM
CASING CONDITION GOOD			<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. FRP = RATE X PRESSURE X 40.8

PRESSURE SUMMARY			
BREAKDOWN or CIRCULATING psi	AVERAGE psi		
FINAL DISPLACEMENT psi	ISIP psi		
ANNULUS psi	5 MIN SIP psi		
MAXIMUM psi	15 MIN SIP psi		
MINIMUM psi			

INSTRUCTIONS PRIOR TO JOB MIRA, SAFETY meeting, ESTORC MCP 875K5 CWT  
 15.2 Density 1.13 YIELD 10 BDIS MIX DISPLACE 9.0 DIS H2O  
 Shut in well w/PT PIT RIG DOWN

JOB SUMMARY  
 DESCRIPTION OF JOB EVENTS MIRA 6:04 SAFETY 7:25 CCA 7:30  
 DIS 7:36 SUCTING 7:42 BRIS PIT 5

RECEIVED  
 KANSAS CORPORATION COMMISSION

OCT 27 2008

CONSERVATION DIVISION  
 WICHITA, KS

*[Signature]* Driller 8-13-08  
 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.

# BISON OIL WELL CEMENTING, INC.



1738 Wynkoop St., Ste. 102  
 Denver, Colorado 80202  
 Phone: 303-286-3010  
 Fax: 303-298-8143  
 E-mail: bisonoil1@qwest.net

INVOICE # 7840  
 LOCATION CR 7 & CRM  
 FOREMAN PAT ERIC JORGZ

## TREATMENT REPORT

DATE <u>8-14-08</u>	WELL NAME <u>ZWYGOARDT 14-33B</u>	SECTION <u>33</u>	TWP <u>35</u>	RGE <u>H1W</u>	COUNTY <u>Cherokee</u>	FORMATION
CHARGE TO: <u>EXCEL SCRUBS</u>		OWNER: <u>NOBLE</u>				
MAILING ADDRESS		OPERATOR				
CITY		CONTRACTOR: <u>EXCEL 17</u>				
STATE ZIP CODE		DISTANCE TO LOCATION: <u>70</u>				
TIME ARRIVED ON LOCATION: <u>5:30</u> RECEIVED: <u>5:00</u>		TIME LEFT LOCATION: <u>10:45</u>				

WELL DATA			PRESSURE LIMITATIONS			
HOLE SIZE: <u>6 1/4</u>	TUBING SIZE	PERFORATIONS	THEORETICAL		INSTRUCTED	
TOTAL DEPTH: <u>1600</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		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: MIX 4.5 SAFT, 9.15 M/F 9.19 C.E.S 9.25  
M/D P 34.5 K5 CEMENT 12.00 DENSITY 8.16 YIELD BBLS MIX WATER  
M/D P 56.5 K5 CEMENT 13.8 DENSITY 1.85 YIELD 13 BBLS MIX WATER  
DROP PLUG, DISPLACE 24 BBLS WATER BUMP PLUG 1200 TO 1500 PSI  
RELEASE PRESSURE WASN W/P TO PIT RIG DOWN

JOB SUMMARY  
 DESCRIPTION OF JOB EVENTS: MIX 4.5 SAFT 9.15 M/F 9.19 C.E.S 9.25  
D/P 9.39 DIS 9.43 10M 9.47 9.47 PSI 200 20A 9.52 PSI 400  
2H Aug 10:00 PSI 1500 BBLS STOP 6

RECEIVED  
 KANSAS CORPORATION COMMISSION  
 OCT 27 2008  
 CONSERVATION DIVISION  
 WICHITA, KS

Joe Nettus  
 AUTHORIZATION TO PROCEED TITLE: DATE: 8/14/08

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.