

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: 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. \_\_\_\_\_

1/23/2008	1/24/2008	2/02/2008
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 023-20899-0000  
 County: Cheyenne  
 SW NW Sec. 4 Twp. 4 S. R. 41  East  West  
1420' feet from S (N) (circle one) Line of Section  
330' 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 #: 12-4  
 Field Name: Cherry Creek  
 Producing Formation: Niobrara  
 Elevation: Ground: 3498' Kelly Bushing: 3504'  
 Total Depth: 1492' Plug Back Total Depth: 1413'  
 Amount of Surface Pipe Set and Cemented at 183' cmt w/ 73 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.

AKI - Dlg. 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: Jennifer Barnett  
 Title: Permit Representative Date: 4/10/08  
 Subscribed and sworn to before me this 10th day of April  
 2008  
 Notary Public: Erin K Lindley Joseph  
 Date Commission Expires: My Commission Expires Aug. 20, 2008

**KCC Office Use ONLY**

Letter of Confidentiality Received  Denied, Yes  Date: \_\_\_\_\_  
 Wire Log Received   
 Geologist Report Received   
 TIC Distribution

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**APR 14 2008**

ERIN K. LINDLEY-JOSEPH  
 NOTARY PUBLIC  
 STATE OF KANSAS

CONSERVATION DIVISION  
 WICHITA, KS

Operator Name: Noble Energy, Inc. Lease Name: Zweygardt Well #: 12-4  
 Sec. 4 Twp. 4 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)

List All E. Logs Run:

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

Log Formation (Top), Depth and Datum  Sample  
 Name Niobrara Top Datum  
 1307'

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"	20 Lbs./Ft.	183'	50/50 POZ	73 sx	3% CaCl <sub>2</sub> , .25% Flo-cel
Production	6 1/4"	4 1/2"	10.5 Lbs./Ft.	1456'	Lead, Type III	30 sx	12% gel, 2% CaCl <sub>2</sub> , .25 Flo-cel
					Tail, 50/50 POZ	56 sx	3% CaCl <sub>2</sub> , .25% flo-cel

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 1388'-1425'	Niobrara frac'd with 500 gals 7.5% HCL acid, 12,000 gals of	
	(37', 3spf, 111 holes). 0.41"EHD, 120 degree phase.	25% CO2 foamed gel pad; 31,912 gals 25% CO2 foamed	
		gel carrying 100,040 lbs 16/30 sand. AIP-576 psi; AIR-16.6 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. 3/25/2008 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	0	102	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. LL3  
 Denver, Colorado 80202  
 Phone: 303-296-3010  
 Fax: 303-298-8143  
 E-mail: bisonoil2@qwest.net

INVOICE # 6433  
 LOCATION Ks. C.R. 7  
 FOREMAN Francis/Whitey  
Use / Slim

## TREATMENT REPORT

DATE <u>1-23-08</u>	CUSTOMER ACCT #	WELL NAME <u>Zweygart</u> <u>12-4</u>	QT/QR	SECTION	TWP	RGE	COUNTY <u>Cherokee</u>	FORMATION
------------------------	-----------------	---	-------	---------	-----	-----	---------------------------	-----------

CHARGE TO <u>Excel</u>	OWNER <u>Noble</u>
MAILING ADDRESS	OPERATOR <u>Mark</u>
CITY	CONTRACTOR <u>Rig 2</u>
STATE ZIP CODE	DISTANCE TO LOCATION <u>70</u>
TIME ARRIVED ON LOCATION <u>2:00/9:00</u>	TIME LEFT LOCATION

WELL DATA			PRESSURE LIMITATIONS	
HOLE SIZE	TUBING SIZE	PERFORATIONS	THEORETICAL	INSTRUCTED
<u>9 7/8</u>				
TOTAL DEPTH <u>188</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>183'</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	
		<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	

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 MTRU, safety meeting, CIRC well 5 bbl. H<sub>2</sub>O  
M + P 73 sks @ 15.2 lb. yield 1.13 Disp. 6.7 bbl. H<sub>2</sub>O  
MARK called @ 11:00 for 2:00, JUST before pulling on location they called and said they were  
Backe down, @ 7:30 mark said on loc @ 7:00 -  
from 2 to 9 waited on Rig 7 hrs Subtract 4 = 3 hrs stand by

JOB SUMMARY  
 DESCRIPTION OF JOB EVENTS (9:00) MTRU (9:15) CIRC well  
(9:17) M + P cont 70% excess customer request  
(9:25) Dis.  
(9:28) SHOW. SHUT-IN well

(.5) bbls - pit

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 KANSAS CORPORATION COMMISSION  
 APR 14 2008  
 CONSERVATION DIVISION  
 WICHITA, KS

[Signature] AUTHORIZATION TO PROCEED      [Signature] TITLE      1/23/08 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: 303-296-3010  
 Fax: 303-298-8143  
 E-mail: bisonoil1@qwest.net

INVOICE # 6816  
 LOCATION St. Francis KS  
 FOREMAN Stanley R. Stimpson  
Eric  
Tom

## TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
1-24-08	ZWEYBARDT 12-4				CHRYSTINE	

CHARGE TO	EXCEL	OWNER	
MAILING ADDRESS		OPERATOR	NEIL
CITY		CONTRACTOR	EXCEL RIG 2
STATE ZIP CODE		DISTANCE TO LOCATION	
TIME ARRIVED ON LOCATION	5:00	TIME LEFT LOCATION	8:50

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE	6 1/4	TUBING SIZE	PERFORATIONS	THEORETICAL	INSTRUCTED
TOTAL DEPTH	1492	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG	
		TUBING WEIGHT	OPEN HOLE	STRING	
CASING SIZE	4 1/2	TUBING CONDITION	TREATMENT VIA	TUBING	
CASING DEPTH	1455				
CASING WEIGHT	10.5	PACKER DEPTH			
CASING CONDITION	Good	PBD 1412			
PRESSURE SUMMARY			TYPE OF TREATMENT		
BREAKDOWN or CIRCULATING	psi	AVERAGE	psi	[ ] SURFACE PIPE	BREAKDOWN BPM
FINAL DISPLACEMENT	psi	ISIP	psi	[x] PRODUCTION CASING	INITIAL BPM
ANNULUS	psi	5 MIN SIP	psi	[ ] SOOZE CEMENT	FINAL BPM
MAXIMUM	psi	15 MIN SIP	psi	[ ] ACID BREAKDOWN	MINIMUM BPM
MINIMUM	psi			[ ] ACID STIMULATION	MAXIMUM BPM
				[ ] ACID SPOTTING	AVERAGE BPM
				[ ] MISC PUMP	
				[ ] OTHER	HYD HHP = RATE X PRESSURE X 40.8

INSTRUCTIONS PRIOR TO JOB MITRU SAFETY MEETING EST=AVE m-p 300 BBIS mud flush  
m-p 300 SH 50/5000Z 12%BBB-1 2%BBB-1 12.5%BFCA-1  
m-p 50 50/5000Z 2%BBB-1 1%BBB-1 12.5%BFCA-1 DROP PLUG  
Displace 225 BBIS H2O SET PLUG H2O TO 1500 PSI CHECK FLOAT & LOTCH  
wash up to PIT R. y down

JOB SUMMARY

DESCRIPTION OF JOB EVENTS	MITRU (7:00)	SAFETY (7:36)	m-p mud flush (7:39)
	m-p LEAD CEMENT (7:55)	m-p TAIL CEMENT (8:00)	
	Drop plug (8:10)	Displace (8:13)	
		Times	ALWAY PSI
		8:18	10 250
		8:23	20 500
		8:26	SET PLUG 1500

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CONSERVATION DIVISION  
 WICHITA, KS

1-24-08

AUTHORIZATION TO PROCEED TITLE DATE

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