

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Form ACO-1  
September 1999  
Form Must Be Typed

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>3/21/2008</u>	<u>3/22/2008</u>	<u>4/10/2008</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 023-21000-0000  
County: Cheyenne  
SW NE NE SW Sec. 6 Twp. 4 S. R. 41  East  West  
2200' feet from (S) N (circle one) Line of Section  
2050' 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 #: 23-6  
Field Name: Cherry Creek

Producing Formation: Niobrara  
Elevation: Ground: 3602' Kelly Bushing: 3611'  
Total Depth: 1687' Plug Back Total Depth: 1623'  
Amount of Surface Pipe Set and Cemented at 235' cmt w/80 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 \_\_\_\_\_ sx cmt.

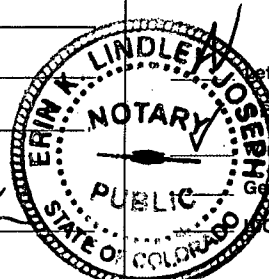
AH1 - Dig - 9/8/08  
Drilling Fluid Management Plan  
(Data must be collected from the Reserve Pit)  
Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls  
Dewatering method used \_\_\_\_\_  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ 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: Jennifer Barnett  
Title: Permit Representative Date: 6/2/08  
Subscribed and sworn to before me this 2nd day of June  
20 08.  
Notary Public: Erin K Lindley Joseph  
Date Commission Expires: My Commission Expires Aug. 20, 2008

**KCC Office Use ONLY**  
Letter of Confidentiality Received   
Wireline Log Received  Date: \_\_\_\_\_  
Geologist Report Received   
C Distribution   
**RECEIVED**  
KANSAS CORPORATION COMMISSION  
**JUN 04 2008**  
CONSERVATION DIVISION  
WICHITA, KS



Operator Name: Noble Energy, Inc. Lease Name: Zweygardt Well #: 23-6  
 Sec. 6 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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Attach Additional Sheets)  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 (Submit Copy)  List All E. Logs Run:  <b>Triple Combo (Array Induction/Comp. Nuetron/                  Litho Density), CBL/GR/CCL</b>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name <u>Niobrara</u> Top <u>1445'</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.	235'	50/50 POZ	80 sx	3% CaCl. .25% Flo-cele
Production	6 1/4"	4 1/2"	10.5 Lbs./Ft.	1666'	Lead, Type III	39 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 1446'-1482'	Niobrara frac'd with 500 gals 7.5% HCL acid, 12,000 gals of	
	(36', 3spf, 108 holes) .41" EHD, 120 degree phase	25% CO2 foamed gel pad; 31,988 gals 25% CO2 foamed	
		gel carrying 100,160 lbs 60/30 sand. ATP-503 psi; ATR-13.5 bpm.	

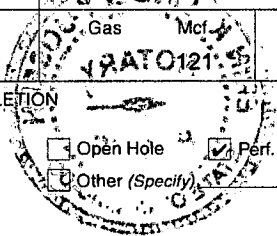
TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumerd Production, SWD or Enhr. <b>4/21/2008</b>	Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
Estimated Production Per 24 Hours	Oil Bbls. <u>0</u> Gas Mcf. <u>0</u> Water Bbls. <u>0</u> Gas-Oil Ratio <u>0</u> Gravity

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

METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled

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: bisonoil@gwest.net

INVOICE # 6856  
 LOCATION CHASE KS  
 FOREMAN STANLEY R. STIMPSON  
ALAN  
TRAY

## TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
3-21-08	ZWEYGARDT 23-6				CHASE	

CHARGE TO <u>M. Patterson</u>	OWNER
MAILING ADDRESS	OPERATOR <u>D. H.</u>
CITY	CONTRACTOR <u>M. Patterson Drilling</u>
STATE/ZIP CODE	DISTANCE TO LOCATION
TIME ARRIVED ON LOCATION <u>1:55</u>	TIME LEFT LOCATION <u>2:53</u>

WELL DATA			PRESSURE LIMITATIONS	
HOLE SIZE <u>9 5/8</u>	TUBING SIZE	PERFORATIONS	THEORETICAL	INSTRUCTED
TOTAL DEPTH <u>229</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG	
	TUBING WEIGHT	OPEN HOLE	STRING	
CASING SIZE <u>7</u>	TUBING CONDITION	TREATMENT WA	TUBING	
CASING DEPTH <u>226</u>			TYPE OF TREATMENT	
CASING WEIGHT <u>70</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"/> GREEZE 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 OF CIRCULATING (psi)	AVERAGE (psi)		
FINAL DISPLACEMENT (psi)	ISIP (psi)		
ANNULUS (psi)	16 MIN SIP (psi)		
MAXIMUM (psi)	16 MIN SIP (psi)		
MINIMUM (psi)			

INSTRUCTIONS PRIOR TO JOB MIRU SAPL 1st Circ  
M-950 Hrs 50150 POC 300000 25% BFLA-1  
Displace 8.13 BBIS H2O shut in well wash up top IT R. gdown

JOB SUMMARY  
 DESCRIPTION OF JOB EVENTS MIRU 1:55 SAPL 2:30  
CEMENT 2:37 Displace 2:43  
BBIS top IT 3  
shut in well 2:48

RECEIVED  
 KANSAS CORPORATION COMMISSION  
 JUN 04 2008  
 CONSERVATION DIVISION  
 WICHITA, KS

Billy I. [Signature]  
 AUTHORIZATION TO PROCEED TITLE DATE 3-21-08

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: 303-296-8143  
 E-mail: bisonoil@gwest.net

INVOICE # 6937  
 LOCATION C.R.6 Zweygardt 23-6  
 FOREMAN Eric, Jose, Tony B, George

## TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
3-22-08	Zweygardt 23-6				Cheyenne	

CHARGE TO <u>Excell Services</u>	OWNER
MAILING ADDRESS	OPERATOR <u>Bregg</u>
CITY	CONTRACTOR <u>Excell Rig 17</u>
STATE ZIP CODE	DISTANCE TO LOCATION <u>70 mile</u>
TIME ARRIVED ON LOCATION <u>7:00</u>	TIME LEFT LOCATION

WELL DATA			PRESSURE LIMITATIONS	
HOLE SIZE	TUBING SIZE	PERFORATIONS	THEORETICAL	INSTRUCTED
<u>6 1/4</u>				
TOTAL DEPTH <u>1687</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG	
<u>P.B. 1623</u>	TUBING WEIGHT	OPEN HOLE	STRINGS	
CASING SIZE <u>4 1/2</u>	TUBING CONDITION		TUBING	
CASING DEPTH <u>1656</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>			<input checked="" type="checkbox"/> PRODUCTION CASING	INITIAL BPM
			<input type="checkbox"/> SOBEZE 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 HBP = RATE X PRESSURE X .40.8

PRESSURE SUMMARY			
BREAKDOWN OF CIRCULATING	psi	AVERAGE	psi
FINAL DISPLACEMENT	psi	15IP	psi
ANNULUS	psi	5 MIN SIP	psi
MAXIMUM	psi	15 MIN SIP	psi
MINIMUM	psi		

INSTRUCTIONS PRIOR TO JOB m+r up Safety meeting Est. circ 30 bbl mud flush  
m+r 1 cmt 39 sks yield 2.64 Density 12 m+r 1 cmt 56 sks yield 1.83  
Density 3.8 Disp Plug Displace 25.8 bbls H<sub>2</sub>O set Plug between  
1200 & 1500 psc wash up to pit

JOB SUMMARY

DESCRIPTION OF JOB EVENTS m+r 8:00 Safety meeting 8:33 Est. circ 30 bbl mud flush  
8:39 m+r 1 cmt 39 sks 8:45 m+r 1 cmt 56 sks 9:02 Disp Plug 9:10 Displaced  
9:10

Time	Away	PSI
9:11	10	300
9:14	20	500
9:18	set Plug	1500

7 back to pit.

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 KANSAS CORPORATION COMMISSION  
**JUN 04 2008**  
 CONSERVATION DIVISION  
 WICHITA, KS

[Signature] AUTHORIZATION TO PROCEED

DATE 3-22-08

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.