

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

<u>7/12/2008</u>	<u>7/14/2008</u>	<u>7/31/2008</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 023-21052-0000  
County: Cheyenne  
NE NE SW NW Sec. 6 Twp. 4 S. R. 41  East  West  
1,400' feet from S /  N (circle one) Line of Section  
1,080' 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 #: 12-6  
Field Name: Cherry Creek

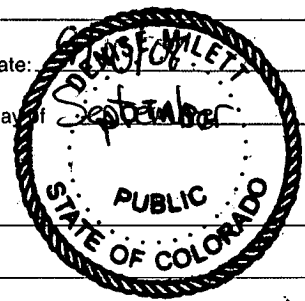
Producing Formation: Niobrara  
Elevation: Ground: 3592' Kelly Bushing: 3601'  
Total Depth: 1657' Plug Back Total Depth: 1591'  
Amount of Surface Pipe Set and Cemented at 248' cmt w/86 sx Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from n/a  
feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

**Drilling Fluid Management Plan** AH I NCR  
(Data must be collected from the Reserve Pit) 10-14-08  
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: Permit Representative Date: 10th day of September  
Subscribed and sworn to before me this 10th day of September  
2008  
Notary Public: Denise Millett  
Date Commission Expires: 11/09/08



**KCC Office Use ONLY**

N Letter of Confidentiality Received  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

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KANSAS CORPORATION COMMISSION  
**SEP 11 2008**

My Commission Expires 11/09/2008

CONSERVATION DIVISION  
WICHITA, KS

Operator Name: Noble Energy, Inc. Lease Name: Zweygardt Well #: 12-6  
 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  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 1434' Datum

List All E. Logs Run:

**Triple Combo (DEN/NEU/IND), 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.	248'	50/50 POZ	86 sx	3% CaCl, .25% Flo-cele
Production	6 1/4"	4 1/2"	11.6 Lbs./Ft.	1633'	Lead, Type III	37 sx	12%gel, 2%CaCl, .25% Polyflake
					Tail, 50/50 POZ	56 sx	2% Gel, 1% CFL-80

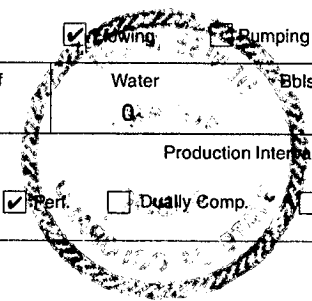
ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

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 1434'-1472'	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; 31,944 gals 25% CO2 foamed	
		gel carrying 100,040 lbs 16/30 sand. ATP- 709 psi; ATR- 12.8 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. <b>8/11/2008</b>	Producing Method <input checked="" type="checkbox"/> Flowing <input checked="" 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>54</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  Perforated  Dually Comp.  Commingled  
 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: bisonoil@qwest.net

INVOICE # 7803  
 LOCATION C.R. 5 Ks.  
 FOREMAN Eric, Tony, Zehren

## TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
7-12-08	Zweygardt 12-6				cheyenne	

CHARGE TO <u>McPherson Drilling</u>	OWNER
MAILING ADDRESS	OPERATOR <u>Scott</u>
CITY	CONTRACTOR <u>McPherson</u>
STATE ZIP CODE	DISTANCE TO LOCATION <u>70 miles</u>
TIME ARRIVED ON LOCATION <u>5:10</u>	TIME LEFT LOCATION

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <u>9 3/8</u>	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
TOTAL DEPTH <u>245</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>240</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 MIRP, safety meeting, est circ, m+p 86 sks cont yield 1.13 density 15.2, Displace 9 bbls H<sub>2</sub>O, shut in well wash up to pit

JOB SUMMARY  
 DESCRIPTION OF JOB EVENTS MIRP (5:10) safety meeting (5:15) est circ (5:26) m+p 86 sks cont (5:28) Displace 9 bbls H<sub>2</sub>O (5:36) shut in well wash up to pit (5:41)

6 bbls to pit

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 SEP 11 2008  
 CONSERVATION DIVISION  
 WICHITA, KS

Scott  
 AUTHORIZATION TO PROCEED  
7-12-08  
 TITLE  
7-12-08  
 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 # 7786  
 LOCATION CK5  
 FOREMAN Pat  
Tom  
Zachary

## TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
<u>7/11/08</u>	<u>ZURGARDT 12-16</u>				<u>Cheyenne</u>	

CHARGE TO <u>EXCEL SERVICES</u>	OWNER <u>NOBLE</u>
MAILING ADDRESS	OPERATOR
CITY	CONTRACTOR <u>EXCEL 17</u>
STATE ZIP CODE	DISTANCE TO LOCATION <u>70.4 miles</u>
TIME ARRIVED ON LOCATION <u>8:30</u>	TIME LEFT LOCATION <u>10:15</u>

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <u>6 1/2</u>	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
TOTAL DEPTH <u>1650</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>1070</u>		TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT <u>119</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. 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: will, 54114 mercury, 15000 cc with 100 lbs of 100 mesh  
MP 375 K5 lead cement 12.0 density 7.64 HYD 14 BBS mix water  
MP 565 K5 tail cement 13.8 density 1.83 HYD 17 BBS mix water  
Drop PLUG Displace 24.6 BBS H<sub>2</sub>O, then PLUG 1200 to 1500 PSI  
Release pressure, wash CAPP + P's down

JOB SUMMARY  
 DESCRIPTION OF JOB EVENTS: Merch 9:30 54114 9:45 MP 947 CCm 9:50 D/P 958  
DIS 10:07 10 AVO 10:09 PSI 400 20 AVO 10:12 PSI 600  
24 AVO 10:15 PSI 1500

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SEP 11 2008

CONSERVATION DIVISION  
 WICHITA, KS

AUTHORIZATION TO PROCEED

TITLE

DATE

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.