

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: \_\_\_\_\_  
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>1/29/2008</u>	<u>2/08/2008</u>	<u>2/08/2008</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 023-20919-0000  
County: Cheyenne  
NE SE Sec. 34 Twp. 3 S. R. 41  East  West  
1550' 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 #: 43-34  
Field Name: Cherry Creek  
Producing Formation: Niobrara  
Elevation: Ground: 3515' Kelly Bushing: 3524'  
Total Depth: 1574' Plug Back Total Depth: n/a  
Amount of Surface Pipe Set and Cemented at 188' cmt w/64 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.  
PA-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: 5/20/08  
Subscribed and sworn to before me this 20 day of May  
08  
Notary Public: Erin K. Ludley  
Date Commission Expires: My Commission Expires Aug. 20, 2008

ERIN K. LUDLEY  
NOTARY PUBLIC  
STATE OF KANSAS

KCC Office Use ONLY  
Number of Confidentiality Received \_\_\_\_\_  
Filed, Yes  Date: \_\_\_\_\_  
Wireline Log Received \_\_\_\_\_  
Geologist Report Received \_\_\_\_\_  
Distribution \_\_\_\_\_

RECEIVED  
KANSAS CORPORATION COMMISSION  
MAY 28 2008

JAN 30

Side Two

Operator Name: Noble Energy, Inc. Lease Name: Zweggardt Well #: 43-34  
Sec. 34 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	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Niobrara	1349'	
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				
<b>Triple Combo (DEN/NEU/IND)</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.	188'	50/50 POZ	64 sx	3% CaCl, .25% Flo-cele

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 checked="" type="checkbox"/> Plug Off Zone	Surface-1310'	Type III, 50/50 POZ	80 sx	2% Gel, 1% CFL-80

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth
n/a	n/a	n/a	

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. n/a due to P&A well	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
---	--

Estimated Production Per 24 Hours	Oil Bbls. 0	Gas Mcf 0	Water Bbls. 0	Gas-Oil Ratio 0	Gravity
-----------------------------------	----------------	--------------	------------------	--------------------	---------

Disposition of Gas	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> 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 # 6907  
 LOCATION Zweygardt 43-34  
 FOREMAN Whitay, Jose, Tony  
Glean

## TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
1-29-08	Zweygardt 43-34				Cherokee	

CHARGE TO	OWNER
MAILING ADDRESS	OPERATOR
CITY	CONTRACTOR
STATE ZIP CODE	DISTANCE TO LOCATION
TIME ARRIVED ON LOCATION	TIME LEFT LOCATION

### WELL DATA

### PRESSURE LIMITATIONS

HOLE SIZE <u>9 7/8</u>	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
TOTAL DEPTH <u>182</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>178</u>		TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT <u>17 lbs.</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 m I R u safety meeting est circu m/p  
64 sks cent yield 1.13 dens. 15.2 Displace 6.5 BBLs H2O  
Shut well wash up pit

### JOB SUMMARY

DESCRIPTION OF JOB EVENTS (3:00) M/R, (3:05) safety meeting, (3:10) Est. circu.  
(3:13) M/P (64) sks cement, (3:20) Displace 6.5 BBLs H2O  
(3:25) Shut in well wash to pit

RECEIVED  
 KANSAS CORPORATION COMMISSION

MAY 28 2008

CONSERVATION DIVISION  
 WICHITA, KS

Bill E. McPherson

AUTHORIZATION TO PROCEED

TITLE

1/29/08

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 # 16912  
 LOCATION Zweygardt 43-34  
 FOREMAN Jesse Jim Whitey

## TREATMENT REPORT

DATE <u>2/4/08</u>	WELL NAME <u>Zweygardt 43-34</u>	SECTION	TWP	RGE	COUNTY <u>Cheyenne</u>	FORMATION
CHARGE TO		OWNER				
MAILING ADDRESS		OPERATOR				
CITY		CONTRACTOR <u>Excell Rig #17</u>				
STATE ZIP CODE		DISTANCE TO LOCATION: <u>70 miles</u>				
TIME ARRIVED ON LOCATION <u>4:30</u>		Request 3 hrs 45 min late		TIME LEFT LOCATION		

### WELL DATA

### PRESSURE LIMITATIONS

HOLE SIZE <u>6 7/8</u>	PIPE SIZE <u>3 1/2</u>	PERFORATIONS		THEORETICAL	INSTRUCTED
TOTAL DEPTH	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
	TUBING WEIGHT <u>13.3</u>	OPEN HOLE	STRING		
CASING SIZE	TUBING CONDITION <u>Good</u>		TUBING		
CASING DEPTH		TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT	PACKER DEPTH		<input type="checkbox"/> SURFACE PIPE		BREAKDOWN BPM
CASING CONDITION			<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 checked="" type="checkbox"/> OTHER Plug - Abandon		HYD HHP = RATE X PRESSURE X 40.8

INSTRUCTIONS PRIOR TO JOB NIRU, Safety meeting, M/P 80 SKS cement yield 1.83

Density 13.8, Displace 20 BBLS H2O wash to PIT

20 1st Plug 1310

20 2nd Plug 780

3rd Plug 62

### JOB SUMMARY

DESCRIPTION OF JOB EVENTS (4:30) NIRU, (5:00) safety meeting (5:35) est. circ,  
M/P 35 SKS cement (5:37) Displace 20 BBLS H2O (5:45)  
M/P 35 SKS cement (5:57) Displace 20 BBLS H2O (6:02)  
M/P 10 SKS cement (6:20)

RECEIVED  
 KANSAS CORPORATION COMMISSION

MAY 28 2008

CONSERVATION DIVISION  
 WICHITA, KS

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.