

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: Bittercreek Pipeline
Operator Contact Person: Raelene Milne
Phone: (303) 228-4212
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: _____
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. _____

9/5/2007	9/15/2007	10/3/2007
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 023 - 20788-00-00
County: Cheyenne
NE SW Sec. 33 Twp. 3 S. R. 41 East West
1980' feet from S N (circle one) Line of Section
1980' 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 #: 23-33
Field Name: Cherry Creek
Producing Formation: Niobrara
Elevation: Ground: 3574' Kelly Bushing: 3580'
Total Depth: 1655' Plug Back Total Depth: 1554'
Amount of Surface Pipe Set and Cemented at 305', cmt w/ 100 sx Feet
Multiple Stage Cementing Collar Used? Yes No
Cement show depth set _____ Feet

If Alternate II completion, cement circulated from n/a
feet depth to _____ w/ _____ sx cmt.

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.: _____

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FEB 13 2008
CONSERVATION DIVISION
WICHITA, KS

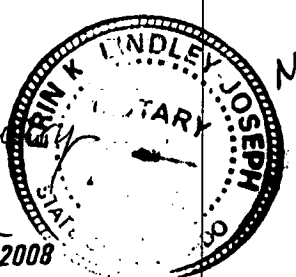
AH1-Dlg-2/18/09

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: Raelene K. Milne
Title: Permit Representative Date: 2/11/2008

Subscribed and sworn to before me this 11th day of February
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
If Denied, Yes [] Date: _____
Wireline Log Received
Geologist Report Received
UIC Distribution

Operator Name: Noble Energy, Inc. Lease Name: Zweygart Well #: 23-33
 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: CBL/GR/CCL	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name <u>Niobrara</u> Top <u>1377'</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"	20 Lbs./Ft.	305'	50/50 POZ	100	2% CaCl, .25% Flo-cele
Production	6 1/4"	4 1/2"	10.5 Lbs./Ft.	1597'	Lead, Type III	50	12% gel, 2%CaCl, .25%flo-cele
					Tail, 50/50 POZ	75	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 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 from 1376' to 1414', (38', 3spf, 114 holes) 0.41"EHD	Niobrara frac'd with 500 gals 7.5% HCL acid, 12,000 gals of 25% CO2 foamed gel pad; 30,976 gals 25% CO2 foamed gel carrying 100,220 lbs 16/30 Badger sand. AIP-635psi; AIR-13 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. 11/3/2007	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>113</u> Water Bbls. <u>0</u> Gas-Oil Ratio <u>0</u> Gravity

Disposition of Gas _____ METHOD OF COMPLETION _____ Production Interval _____

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled
(If vented, Submit ACO-18.) Other (Specify)

BISON OIL WELL CEMENTING, INC.

P.O. Box 2223 • Gillette, WY 82717-2223
 Phone: 307-682-9044
 Fax: 307-682-9056
 E-mail: bisonoil@vcn.com



6506 Juv
 LOCATION St. Francis
 FOREMAN David E.

TREATMENT REPORT

DATE <u>9-15-07</u>	CUSTOMER ACCT #	WELL NAME <u>Zwysgorst 23-33 NCS4</u>	QTR/QTR <u>NCS4</u>	SECTION <u>33</u>	TWP <u>35</u>	RGE <u>41W</u>	COUNTY <u>Cherokee</u>	FORMATION
CHARGE TO <u>Excell Services</u>				OWNER				
MAILING ADDRESS				OPERATOR				
CITY				CONTRACTOR <u>Excell #17</u>			RECEIVED KANSAS CORPORATION COMMISSION	
STATE				DISTANCE TO LOCATION <u>70</u>			MAR 04 2008	
TIME ARRIVED ON LOCATION <u>8:00 pm</u>				TIME LEFT LOCATION				

HOLE SIZE <u>6 7/8</u>
TOTAL DEPTH <u>1623</u>
CASING SIZE <u>4 1/2</u>
CASING DEPTH <u>1587</u>
CASING WEIGHT <u>10.5</u>
CASING CONDITION
TUBING SIZE
TUBING DEPTH
TUBING WEIGHT
TUBING CONDITION
PACKER DEPTH
PERFORATIONS
SHOTS/FT
OPEN HOLE
TREATMENT VIA

TYPE OF TREATMENT	
<input type="checkbox"/> SURFACE PIPE	<input type="checkbox"/> ACID BREAKDOWN
<input checked="" type="checkbox"/> PRODUCTION CASING	<input type="checkbox"/> ACID STIMULATION
<input type="checkbox"/> SQUEEZE CEMENT	<input type="checkbox"/> ACID SPOTTING
<input type="checkbox"/> PLUG & ABANDON	<input type="checkbox"/> FRAC
<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> FRAC + NITROGEN
<input type="checkbox"/> MISC PUMP	<input type="checkbox"/> FOAM FRAC
<input type="checkbox"/> OTHER	<input type="checkbox"/> NITROGEN

PRESSURE LIMITATIONS		
	THEORETICAL	INSTRUCTED
SURFACE PIPE		
ANNULUS LONG STRING		
TUBING		

INSTRUCTIONS PRIOR TO JOB Run 30 bbl Mud Push, Mix a Pump 50sk Lead 75sk tail
Drop plug, Rinse hose, Disp 24.7 Bbls H₂O.

JOB SUMMARY

DESCRIPTION OF JOB EVENTS Safety Meeting, Running MIRMU Pump 30 BBLs Mud Push H₂O
Mix a Pump 50sk/16 Bbls Lead @ 12.5 gal Mix a Pump 75sk/18.5 Bbls @
15.2 gal Drop plug, Cleanout hose, Disp 24.7 Bbls H₂O Bumped Plug 1500 psi
Held for 2 min Released psi & Held Clean up RDMO
2 to Pit

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

TREATMENT RATE	
BREAKDOWN BPM	
INITIAL BPM	
FINAL BPM	
MINIMUM BPM	
MAXIMUM BPM	
AVERAGE BPM	
HYD HHP = RATE X PRESSURE X 40.8	

AUTHORIZATION TO PROCEED [Signature] TITLE _____ DATE 9-15-07

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 # 64176

LOCATION Hwy 36 & Cr 7

FOREMAN PAT MOUND
 CLARENCE

TREATMENT REPORT

2/27/07

DATE	CUSTOMER ACCT #	WELL NAME	DT/QTR	SECTION	TWP	RGE	COUNTY	FORMATION
9-5-07		2233					CLAYCO	

CHARGE TO ESCO SERVICES	OWNER NOBLE
MAILING ADDRESS	OPERATOR
CITY	CONTRACTOR MCKENSON DRILLING
STATE ZIP CODE	DISTANCE TO LOCATION
TIME ARRIVED ON LOCATION 9:00	TIME LEFT LOCATION 10:45

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE 9 7/8	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
TOTAL DEPTH 308	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE 7"	TUBING CONDITION		TUBING		
CASING DEPTH 305		TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT 20.5	PACKER DEPTH		<input checked="" type="checkbox"/> SURFACE PIPE	BREAKDOWN BPM	
CASING CONDITION 6000			<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 MIRE, SELF-EMULSIFYING, ESTER, MIP 100 SRS Cement 15.7 Density 1.13 X (CWD) DISPLACEMENT 15.7 DISPLACEMENT 9:50 SLUT IN WELL, WASH OUT PIT RETURN

JOB SUMMARY
 DESCRIPTION OF JOB EVENTS MIRE 9:00 SATISFACTORY 9:30 CCM 9:40 DISPLACEMENT 9:50 SLUT IN WELL 10:00 13.35 RETURNS

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 MAR 04 2008
 CONSERVATION DIVISION
 WICHITA, KS

9-5-07

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.