

ORIGINAL

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>3/23/2008</u>	<u>4/14/2008</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 023-21005-0000
County: Cheyenne
NE NE SE NW Sec. 6 Twp. 4 S. R. 41 East West
1570' feet from S / (N) (circle one) Line of Section
2550' feet from E / (W) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE (NW) SW
Lease Name: Zweygart Well #: 22-6
Field Name: Cherry Creek

Producing Formation: Niobrara
Elevation: Ground: 3615' Kelly Bushing: 3624'
Total Depth: 1727' Plug Back Total Depth: 1682'
Amount of Surface Pipe Set and Cemented at 254' cmt w/87 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 _____ w/ _____ sx cmt.

Alt 1 - Dig - 9/03/08
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
08
Notary Public: Erin K. Lindley - Joseph
Date Commission Expires: My Commission Expires Aug. 20, 2008

KCC Office Use ONLY
Notary Seal: ERIN K. LINDLEY, NOTARY PUBLIC, STATE OF KANSAS
Information Received:
[] of Confidentiality Received
[] Wireline Log Received
[] Geologist Report Received
[] Distribution
RECEIVED
KANSAS CORPORATION COMMISSION
JUN 04 2008
CONSERVATION DIVISION
WICHITA, KS

AMCO

Operator Name: Noble Energy, Inc. Lease Name: Zwegardt Well #: 22-6
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 (Attach Additional Sheets)	<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	1485'	
Electric Log Run (Submit Copy)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				
Triple Combo (Array Induction/Comp. Nuetron/ Litho Density), 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.	254' 245	50/50 POZ	87 sx	3% CaCl. .25% Flo-cele
Production	6 1/4"	4 1/2"	11.6 Lbs./Ft.	1725' 1715	Lead, Type III	42 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 1485'-1518'	Niobrara frac'd with 500 gals 7.5% HCL acid, 12,000 gals of	
	(33', 3spf, 99 holes) .41" EHD, 120 degree phase	25% CO2 foamed gel pad; 32,072 gals 25% CO2 foamed	
		gel carrying 100,400 lbs 60/30 sand. ATP-536 psi; ATR-12.5 bpm.	

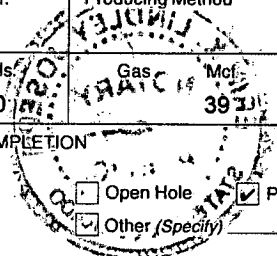
TUBING RECORD	Size	Set At	Packer At	Liner Run
				<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumerd Production, SWD or Enhr. 4/28/2008	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. 0 Gas Mcf. 39 Water Bbls. 0 Gas-Oil Ratio 0 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: bisonoil1@qwest.net

INVOICE # 6857
 LOCATION CHASE KS
 FOREMAN STANLEY A. STIMPSON
ALLEN
TONY

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RSE	COUNTY	FORMATION
3-21-08	Z-490URDT 22-6				CHASE	

CHARGE TO <u>MSPHERSON</u>	OWNER
MAILING ADDRESS	OPERATOR <u>BILL</u>
CITY	CONTRACTOR <u>MSPHERSON DRILLING</u>
STATE, ZIP CODE	DISTANCE TO LOCATION
TIME ARRIVED ON LOCATION <u>3:00</u>	TIME LEFT LOCATION <u>4:20</u>

WELL DATA			PRESSURE LIMITATIONS	
HOLE SIZE	TUBING SIZE	PERFORATIONS	THEORETICAL	INSTRUCTED
<u>9 7/8</u>				
TOTAL DEPTH <u>248</u>	TUBING DEPTH	SHOTS/AFT	SURFACE PIPE ANNULUS (DING)	
	TUBING WEIGHT	OPEN HOLE	STUBING	
CASING SIZE <u>7"</u>	TUBING CONDITION		TUBING	
CASING DEPTH <u>245</u>	TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT <u>300</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"/> WISC 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	5 MIN SIP	PSI
MAXIMUM	PSI	15 MIN SIP	PSI
MINIMUM	PSI		

INSTRUCTIONS PRIOR TO JOB MIRU SAFETY 3:15 EST-CIRC
m-p 87 515 50/50 POL 3% DPCA 25% DFLA-1
Displace 9 BBIS H₂O SHUT IN WELL WASH UP TOBIT R/S down

JOB SUMMARY
 DESCRIPTION OF JOB EVENTS MIRU 3:15 SAFETY 3:20
m-p 87 515 cement 3:26 DISPLACE 3:46
BBIS TO PIT 3
SHUT IN WELL 3:50

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 KANSAS CORPORATION COMMISSION
 JUN 04 2008
 CONSERVATION DIVISION
 WICHITA, KS

BILL S. Mc... AUTHORIZATION TO PROCEED
 TITLE
 DATE 3-21-08

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.

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 # 6861
 LOCATION St. Francis KS
 FOREMAN STANLEY R. STIMPSON
ALEN
TONY

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
3-23-08	ZW54000T 22-6				Chase	

CHARGE TO <u>EXCEL</u>	OWNER
MAILING ADDRESS	OPERATOR <u>GREG</u>
CITY	CONTRACTOR <u>EXCEL RIG 17</u>
STATE ZIP CODE	DISTANCE TO LOCATION
TIME ARRIVED ON LOCATION <u>7:30</u>	TIME LEFT LOCATION

WELL DATA			PRESSURE LIMITATIONS	
HOLE SIZE	TUBING SIZE	PERFORATIONS	THEORETICAL	INSTRUCTED
<u>10 1/4</u>				
TOTAL DEPTH <u>1726</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG	
	TUBING WEIGHT	OPEN HOLE	STRING	
CASING SIZE <u>4 1/2</u>	TUBING CONDITION	TREATMENT VIA	TUBING	
CASING DEPTH <u>1716</u>			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"/> 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 RHP = RATE X PRESSURE X 48.8

INSTRUCTIONS PRIOR TO JOB INTRU SAFETY meeting EST-CIRC W/ P308819 mud flush
m-p 42 50/100 12% BB-1 25% BB-1 25% BB-1
m-p 60 50/100 12% BB-1 25% BB-1 25% BB-1 Drop Plug
Displace 2600 BB-1 H2O SET Plug 1400 @ 1500 PSI Check float & latch
wakeup PPT Big down

JOB SUMMARY
 DESCRIPTION OF JOB EVENTS INTRU 9:00 SAFETY 9:46 m-p mud flush 9:51
Lead cement 10:00 Tail cement 10:05
Drop Plug 10:10 Displace 10:13

Time	Annul	PSI
10:17	10	150
10:21	20	400
10:26	SET Plug	1500

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 JUN 04 2008
 CONSERVATION DIVISION
 WICHITA, KS

[Signature]
 AUTHORIZATION TO PROCEED

TITLE DATE 3-23-08

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.