

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 2000
 City/State/Zip: Denver, CO 80202
 Purchaser: Bittercreek Pipeline
 Operator Contact Person: Joe Mazotti
 Phone: (303) 228-4223
 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: 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>9/18/2007</u>	<u>9/19/2007</u>	<u>10/5/2007</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 023 - 20799 - 00 - 00
 County: Cheyenne
 SW - NW - _____ Sec. 5 Twp. 4 S. R. 41 East West
1387' feet from S (N) (circle one) Line of Section
1230' feet from E (W) (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE NW SW
 Lease Name: Zweygartd Well #: 12-5
 Field Name: Cherry Creek
 Producing Formation: Niobrara
 Elevation: Ground: 3570' Kelly Bushing: 3576'
 Total Depth: 1624' Plug Back Total Depth: 1624'
 Amount of Surface Pipe Set and Cemented at 245' cmt w/ 88 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
 (Data must be collected from the Reserve Pit) ART I WITH
12-13-07
 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.: _____

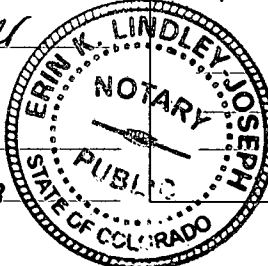
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side 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: _____
 Title: Regulatory Analyst Date: 11/13/2007
 Subscribed and sworn to before me this 13th day of November
07
 Notary Public: Erin K. Lindley Joseph
 Date Commission Expires: My Commission Expires Aug. 20, 2008

KCC Office Use ONLY

Letter of Confidentiality Received **RECEIVED**
 If Denied, Yes Date: _____
 Wireline Log Received **KANSAS CORPORATION COMMISSION**
 Geologist Report Received
 PIC Distribution
NOV 16 2007
 CONSERVATION DIVISION
 WICHITA, KS





Operator Name: Noble Energy, Inc. Lease Name: Zweygart Well #: 12-5
 Sec. 5 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 <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input 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:	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name <u>Niobrara</u> Top <u>1396'</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.	245'	50/50 POZ	88	2% CaCl, .25% Flo-cele
Production	6 1/4"	4 1/2"	9.5 Lbs./Ft.	1610'	Lead, Type III	50	12% gel, 2%CaCl, .25%flo-cele
					Tail, 50/50 POZ	75	2%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 1396' to 1434' (38', 3spf, 114 holes) 0.41"EHD	Niobrara frac'd with 500 gals 7.5% HCL acid, 12,000 gals of 35% CO2 foamed gel pad; 30,976 gals 35% CO2 foamed gel carrying 100,220 lbs 16/30 sand. AIP-591psi; AIR-22 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. 11/3/2007		Producing Method <input 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.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	0	99	0	0	

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

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval _____

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

REF. INVOICE # 6420
 LOCATION CR 6 Kansas
 FOREMAN Francis
Lynn's
ETC

ZWEYGARDT TREATMENT REPORT

DATE	CUSTOMER ACCT #	WELL NAME	QT/OTR	SECTION	TWP	RGE	COUNTY	FORMATION
9-19-07		12-5					Cherokee	

CHARGE TO	Excelsior	OWNER	Noble
MAILING ADDRESS		OPERATOR	NEH
CITY		CONTRACTOR	Rig 2
STATE ZIP CODE		DISTANCE TO LOCATION	
TIME ARRIVED ON LOCATION	2:00	TIME LEFT LOCATION	3:45

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE	6 1/4	TUBING SIZE	PERFORATIONS	THEORETICAL	INSTRUCTED
TOTAL DEPTH	1624	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG	
		TUBING WEIGHT	OPEN HOLE	STRING	
CASING SIZE	4 1/2	TUBING CONDITION	TREATMENT VIA	TUBING	
CASING DEPTH	1609	ATCH @ 1567			
CASING WEIGHT	11.6	PACKER DEPTH			
CASING CONDITION	Good				

PRESSURE SUMMARY			TYPE OF TREATMENT		TREATMENT RATE	
BREAKDOWN or CIRCULATING	psi	AVERAGE	psi	<input type="checkbox"/> SURFACE PIPE	BREAKDOWN BPM	
FINAL DISPLACEMENT	psi	ISIP	psi	<input checked="" type="checkbox"/> PRODUCTION CASING	INITIAL BPM	
ANNULUS	psi	5 MIN SIP	psi	<input type="checkbox"/> SQUEEZE CEMENT	FINAL BPM	
MAXIMUM	psi	15 MIN SIP	psi	<input type="checkbox"/> ACID BREAKDOWN	MINIMUM BPM	
MINIMUM	psi			<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

INSTRUCTIONS PRIOR TO JOB SAFE - Rig up CMC well 30 bbls kcl
mix + pump 50 sks cement @ 12.6 lb mix + pump 75 sks per @ 15.2 lb Drop plug
DISPLACE 24.5 bbls 420

JOB SUMMARY
 DESCRIPTION OF JOB EVENTS (8:10) SAFETY MEETING Rig up (8:17) CMC well 30 bbls
mix LCMT mix TCMT (8:29) Drop plug
(8:32) DISPLACE
(8:34) 10 AWAY 250 PSI
(8:36) 20 AWAY 375 PSI
(8:37) 24.5 AWAY 1400 PSI bump plug

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3 JEP

[Signature]

AUTHORIZATION TO PROCEED _____ TITLE _____ DATE 9-19-07

Customers hereby acknowledge 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@qwest.net

REF. INVOICE # 0534

LOCATION Zweygardt 12-5

FOREMAN Jose Tom Clarence

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
9/18/07	Zweygardt 12-5				Cheyenne	

CHARGE TO <u>Excell Services</u>	OWNER
MAILING ADDRESS	OPERATOR
CITY	CONTRACTOR <u>Excell Rig #2</u>
STATE ZIP CODE	DISTANCE TO LOCATION
TIME ARRIVED ON LOCATION <u>1:15</u>	TIME LEFT LOCATION

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <u>9 7/8</u>	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
TOTAL DEPTH <u>250</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>244</u>		TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT <u>120 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"/> SOEZE 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			TREATMENT RATE		
BREAKDOWN or CIRCULATING psi	AVERAGE psi		<input type="checkbox"/> ACID STIMULATION	MAXIMUM BPM	
FINAL DISPLACEMENT psi	ISIP psi		<input type="checkbox"/> ACID SPOTTING	AVERAGE BPM	
ANNULUS psi	5 MIN SIP psi		<input type="checkbox"/> MISC PUMP		
MAXIMUM psi	15 MIN SIP psi		<input type="checkbox"/> OTHER	HYD HHP = RATE X PRESSURE X 40.8	
MINIMUM psi					

INSTRUCTIONS PRIOR TO JOB MIRU, Safety, Est. Circu, M/P 88 SKS cement yield 113
Density 15.2 Displace 8 BBLS of H2O shut in well wash to pit

JOB SUMMARY

DESCRIPTION OF JOB EVENTS (1:15) MIRU, (1:55) Safety, (2:00) Est. Circu, (2:02) M/P 88 SKS
Cement (2:08) Displace 8 BBLS H2O, (2:15) shut in well wash to pit.

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CONSERVATION DIVISION
 WICHITA, KS

[Signature] AUTHORIZATION TO PROCEED [Signature] TITLE 9/18/07 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.