

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1

September 1999

Form Must Be Typed

WELL COMPLETION FORM

ORIGINAL

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. _____

9/12/2007	9/13/2007	10/4/2007
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 023 - 20787 - 00-00
County: Cheyenne
SW SW Sec. 33 Twp. 3 S. R. 41 East West
990' 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 #: 14-33
Field Name: Cherry Creek

Producing Formation: Niobrara
Elevation: Ground: 3551' Kelly Bushing: 3557'
Total Depth: 1559' Plug Back Total Depth: 1508'
Amount of Surface Pipe Set and Cemented at 253', 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.

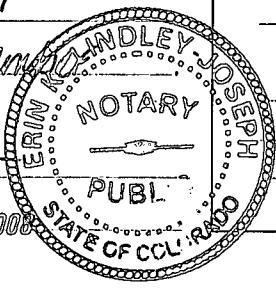
Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit) ALT IWSH
12-13-07
Chloride content _____ ppm Fluid volume _____ bbls
Dewatering method used _____

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: [Signature]
Title: Regulatory Analyst Date: 11/12/2007
Subscribed and sworn to before me this 13th day of November
07
Notary Public: [Signature]
Date Commission Expires: My Commission Expires Aug. 20, 2008



KCC Office Use ONLY

N Letter of Confidentiality Received
RECEIVED
if Denied, Yes No KANSAS CORPORATION COMMISSION
Wireline Log Received
Geologist Report Received NOV 16 2007
UIC Distribution
CONSERVATION DIVISION
WICHITA, KS

Operator Name: Noble Energy, Inc. Lease Name: Zweygardt Well #: 14-33
 Sec. 33 Twp. S S. R. 41 [] East [x] 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	[] Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Niobrara	1312'	
Electric Log Run (Submit Copy)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				

CASING RECORD <input checked="" type="checkbox"/> New [] 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.	253'	50/50 POZ	88	3% CaCl ₂ , .25% Flo-crete
Production	6 1/4"	4 1/2"	9.5 Lbs./Ft.	1554'	Lead, Type III	45	12% gel, 25% CaCl ₂ , .25% Flo-crete
					Tail, 50/50 POZ	75	3% CaCl ₂ , .25 flo-crete

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
Perforate Protect Casing Plug Back TD 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 1312' to 1392' (40', 3spf, 120 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 100,000 lbs 10/30 sand. AIP-670psi; AIR-22 bpm.	

TUBING RECORD	Size	Set At	Pecker At	Liner Run	[] Yes [x] No
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Date of First, Resumard Production, SWD or Enhr. 11/3/2007	Producing Method	[] Flowing [x] Pumping [] Gas Lift [] Other (Explain)
Estimated Production Per 24 Hours	Oil Bbls. 0 Gas Mcf 98 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: Other (Specify)

BISON OIL WELL CEMENTING, INC.



1738 Wynkoop St., Ste. LL3
 Denver, Colorado 80202
 Phone: 303-296-3010
 Fax: 303-298-8143
 E-mail: bisonoil2@qwestnet

REF. INVOICE # 6459
 LOCATION CHEYENNE R/S
 FOREMAN STANLEY RISTON
BOHNE
CRISSEY

TREATMENT REPORT

DATE	CUSTOMER ACCT #	WELL NAME	QT/QTR	SECTION	TWP	RGE	COUNTY	FORMATION
9-12-07		14-37					CHEYENNE	

CHARGE TO	EXCELL	OWNER	
MAILING ADDRESS		OPERATOR	
CITY		CONTRACTOR	EXCELL RIG 2
STATE ZIP CODE		DISTANCE TO LOCATION	
TIME ARRIVED ON LOCATION	7:15	TIME LEFT LOCATION	8:40

WELL DATA Callout 6:30

PRESSURE LIMITATIONS

HOLE SIZE	TUBING SIZE	PERFORATIONS	THEORETICAL	INSTRUCTED
9 7/8				
TOTAL DEPTH 257	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG	
	TUBING WEIGHT	OPEN HOLE	STRING	
CASING SIZE 7	TUBING CONDITION		TUBING	
CASING DEPTH 253 SET		TREATMENT VIA	TYPE OF TREATMENT	
CASING WEIGHT 20	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 MTRU SAFETY meeting EST-CIRC
m-p 88 SKS 50/50 P&T 3 BRCA 25% BFLA
Displace 8 BBLs H2O Start 2 well washup to pit
Rig down

JOB SUMMARY

DESCRIPTION OF JOB EVENTS MTRU (7:15) SAFETY (7:51)
m-p 88 SKS CEMENT (7:56) Displace 8 BBLs H2O (8:00)
13 BBLs to pit (4)
Start 2 well (8:06)

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NOV 16 2007

CONSERVATION DIVISION
 WICHITA, KS

[Signature] AUTHORIZATION TO PROCEED [Signature] TITLE 9-12-07 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.

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 # 6499

LOCATION ST. ERNEST KS

FOREMAN STANLEY R. STIMPSON
Lonnie
ERIC

ZWEYGARD

TREATMENT REPORT

DATE	CUSTOMER ACCT #	WELL NAME	QT/QTR	SECTION	TWP	RGE	COUNTY	FORMATION
9-13-07		14-33					CHEYENNE	

CHARGE TO <u>EXCELL</u>	OWNER
MAILING ADDRESS	OPERATOR
CITY	CONTRACTOR <u>EXCELL Rig 2</u>
STATE ZIP CODE	DISTANCE TO LOCATION
TIME ARRIVED ON LOCATION	TIME LEFT LOCATION

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <u>6 1/4</u>	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
TOTAL DEPTH <u>1554</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>1554</u>		TREATMENT VIA	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>	<u>PBTD 1511</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 MERU SAFETY MEETING EST-RIG m-p 300BBS mud flush
m-f 45 SKS ENGEL 12 12% BBG-1 2% BCCA-1 .25% BFLA-1
m-p 75 SKS 50/50 P02 3% BCCA-1 .25% BFLA-1 DROP PLUG
Displace 24 BBS H2O SET PLUG AT 1400-1500 PSI RELEASE BACK TO TRUCK
WASH UP TO PIT Rig down

JOB SUMMARY
 DESCRIPTION OF JOB EVENTS MERU (3:30) SAFETY (3:50) m-p mud flush (3:58)
m-p 45 SKS CEMENT TAIL (4:01) m-p 75 SKS CEMENT TAIL (4:01)
DROP PLUG (4:08) Displace 24 BBS H2O (4:20)

Time	AWAY	PSF
4:23	10	400
4:27	20	600
4:31	58% Plug	1500

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NOV 16 2007

CONSERVATION DIVISION
 WICHITA, KS

AUTHORIZATION TO PROCEED

TITLE

9-13-07

DATE

Customer 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.