

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: Bitter Creek Pipelines
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>2/27/2008</u>	<u>3/01/2008</u>	<u>4/08/2008</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 023-20974-0000
County: Cheyenne
SW SW Sec. 16 Twp. 3 S. R. 42 East West
760' feet from S N (circle one) Line of Section
830' feet from E W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Rueb Farm Well #: 14-16
Field Name: Cherry Creek

Producing Formation: Niobrara
Elevation: Ground: 3736' Kelly Bushing: 3745'
Total Depth: 1788' Plug Back Total Depth: 1740'
Amount of Surface Pipe Set and Cemented at 312' cmt w/108 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 AH-1-Dlg w/ 9/8/08 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.: _____

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: Commission Expires Aug. 20, 2008

KCC Office Use ONLY
Confidentiality Received Yes No Date: _____
Wireline Log Received _____
Geologist Report Received _____
Distribution _____
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JUN 04 2008
CONSERVATION DIVISION
WICHITA, KS

JAN 13 2010

Side Two

Operator Name: Noble Energy, Inc. Lease Name: Rueb Farm Well #: 14-16
Sec. 16 Twp. 3 S. R. 42 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	1536'	
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				

Triple Combo (Array Induction/Comp. Nuutron/
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.	312'	50/50 POZ	108 sx	3% CaCl. .25% Flo-cele
Production	6 1/4"	4 1/2"	10.5 Lbs./Ft.	1784'	Lead, Type III	44 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 <i>(Amount and Kind of Material Used)</i>	Depth
3 spf	Perf Niobrara interval from 1536'-1580'	Niobrara frac'd with 500 gals 7.5% HCL acid, 12,000 gals of	
	(44', 3spf, 132 holes) .41" EHD, 120 degree phase	25% CO2 foamed gel pad; 32,021 gals 25% CO2 foamed	
		gel carrying 100,100 lbs 60/30 sand. ATP-562 psi; ATR-12.9 bpm.	

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

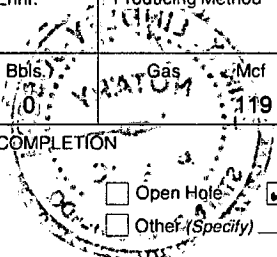
Date of First, Resumerd Production, SWD or Enhr. 4/21/2008	Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	0	119	0	0	

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.



1738 Wynkoop St., Ste. 102
 Denver, Colorado 80202
 Phone: 303-296-3010
 Fax: 303-298-8143
 E-mail: bisonoil1@qwest.net

INVOICE # 6889
 LOCATION C.R. 2 St. Francis
 FOREMAN Eric, Pat, Tony, Alice

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
<u>2-27-08</u>	<u>Ruck 14 16</u>				<u>Cherokee</u>	

CHARGE TO <u>McPherson Excellent Services</u>	OWNER <u>Noble</u>
MAILING ADDRESS	OPERATOR
CITY	CONTRACTOR <u>McPherson</u>
STATE ZIP CODE	DISTANCE TO LOCATION <u>70 mile</u>
TIME ARRIVED ON LOCATION <u>4:40</u>	TIME LEFT LOCATION

WELL DATA			PRESSURE LIMITATIONS	
HOLE SIZE	TUBING SIZE	PERFORATIONS	THEORETICAL	INSTRUCTED
<u>9 3/8</u>				
TOTAL DEPTH <u>307</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>304</u>		TREATMENT VIA	TYPE OF TREATMENT	TREATMENT RATE
CASING WEIGHT <u>17lb</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 IRRP = RATE X PRESSURE X 40.8

PRESSURE SUMMARY		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 & R P, safety meeting, est circ m/p 108 sks cement yield 1.13 Density 15.2 Displace 11 Bbls H₂O shut in well, washup to pit, Rig down

JOB SUMMARY
 DESCRIPTION OF JOB EVENTS m & R P 4:40 safety meeting 5:00 est circ 5:05 m/p 108 sks cement 5:16 Displace 11 Bbls H₂O 5:29 shut in well 5:32 wash up to pit

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 KANSAS CORPORATION COMMISSION
 JUN 04 2008
 CONSERVATION DIVISION
 WICHITA, KS

Bill S. McPherson
 AUTHORIZATION TO PROCEED TITLE DATE 2-27-08

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: bisonoil1@qwest.net

VOICE # 6891
 LOCATION CRJ+CRP
 FOREMAN PAT
TONY
JIM

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
<u>3-1-8</u>	<u>RUCOFANS 1216</u>				<u>Cherokee</u>	

CHARGE TO	OWNER <u>MOORE</u>
MAILING ADDRESS	OPERATOR
CITY	CONTRACTOR <u>EXCEL 17</u>
STATE ZIP CODE	DISTANCE TO LOCATION <u>70miles</u>
TIME ARRIVED ON LOCATION <u>6:30</u>	TIME LEFT LOCATION <u>9:30</u>

WELL DATA			PRESSURE LIMITATIONS	
HOLE SIZE	TUBING SIZE	PERFORATIONS	THEORETICAL	INSTRUCTED
<u>6 1/2</u>				
TOTAL DEPTH <u>1792</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>1775</u>				
CASING WEIGHT <u>1015</u>	PACKER DEPTH			
CASING CONDITION				

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			

INSTRUCTIONS PRIOR TO JOB WIRA, SATURDAY, 6:30 AM with 7000's w/f
w/f HUSKs LEAD cement 1710 DENS 1.72 BAYKILL w/f 5655 TAIL CEMENT
13.8 DENS 1.78 2 YIELD DROP PLUG, DISPLACE 276 PMS 400 Bump Plug
1200 to 1500 PSI, RELEASE PRESSURE, WASN'T TO PRESS DOWN

JOB SUMMARY
 DESCRIPTION OF JOB EVENTS WIRA 6:30 SATUR 7:00 w/f HUSKs CEM 7:57
DRop PLUG 8:07* DISPLACE 276 1000+ 9:28 PSI 200 2000+ 8:32 PSI 400
276 Avg 9:37 PSI 1200

* 3 BBLs AVT on w/f Pressured up TRAIL TUBING ~~to~~ RAISED CASING
 Pressured up RIG Hooked to CASING Pressured up CASING THUMPED
 * HAD TO PULL PIN out of HEAD TO DROP PLUG

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 KANSAS CORPORATION COMMISSION

JUN 04 2008

CONSERVATION DIVISION
 WICHITA, KS

AUTHORIZATION TO PROCEED _____ TITLE _____ DATE _____

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