

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: Southern Star/ Big Timber  
 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     SIOW     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>12/9/2008</u>	<u>12/10/2008</u>	<u>1/6/2009</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

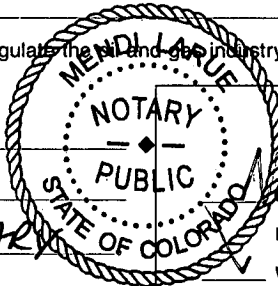
API No. 15 - 023-21200-00-00  
 County: Cheyenne  
 NE NE SE SE SW SW Sec. 8 Twp. 2 S. R. 38  East  West  
1,050' feet from S N (circle one) Line of Section  
2,350' feet from E W (circle one) Line of Section  
 Footages Calculated from Nearest Outside Section Corner:  
 (circle one) NE SE NW SW  
 Lease Name: Berry Well #: 24-8  
 Field Name: Cherry Creek Niobrara Gas Area  
 Producing Formation: Niobrara  
 Elevation: Ground: 3358' Kelly Bushing: 3367'  
 Total Depth: 1552' Plug Back Total Depth: 1490'  
 Amount of Surface Pipe Set and Cemented at 252' cmt w/ 98 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/ \_\_\_\_\_ <sup>sx cmt.</sup>  
Alt I - Dlg - 3/30/09

**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: Regulatory Analyst Date: 2/11/09  
 Subscribed and sworn to before me this 11 day of FEBRUARY  
 20 09.  
 Notary Public: [Signature]  
 Date Commission Expires: My Commission Expires 09/11/2010



**KCC Office Use ONLY**  
 Letter of Confidentiality Received  
 If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
**RECEIVED**  
 KANSAS CORPORATION COMMISSION  
**FEB 12 2009**

Operator Name: Noble Energy, Inc. Lease Name: Berry Well #: 24-8  
 Sec. 8 Twp. 2 S. R. 38  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  Yes  No  
 (Attach Additional Sheets)

Samples Sent to Geological Survey  Yes  No

Cores Taken  Yes  No

Electric Log Run  Yes  No  
 (Submit Copy)

List All E. Logs Run:

Log Formation (Top), Depth and Datum  Sample  
 Name Niobrara Top 1256' Datum

**Triple Combo (DEN/NEU/IND), CBL/CCL/GR**

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.	252'	50/50 POZ	98 sx	3% CaCl, .25% Flo-cale
Production	6 1/4"	4 1/2"	11.6 Lbs./Ft.	1522'	Lead Type III	32 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 1258'-1288' (30', 3spf, 90 holes) .41" EHD, 120 degree phase	Niobrara frac'd with 500 gals 7.5% HCL acid, 12,000 gals of 25% CO2 foamed gel pad; 31,821 gals 25% CO2 foamed gel carrying 100,020 lbs 16/30 sand. ATP-683 psi; ATR-14.2 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. <b>2/10/2009</b>	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.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity			
	0	19	0		0			

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. 102  
 Denver, Colorado 80202  
 Phone: 303-298-3010  
 Fax: 303-298-8143  
 E-mail: bisonoil1@qwestoffice.net

INVOICE # 8146  
 LOCATION KS  
 FOREMAN Allen L. Bowen  
Shawn  
Max  
Ben

## TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
12-9-08	Berry 24-8	8	25	38W	Cherokee	

CHARGE TO <u>McPherson</u>	OWNER
MAILING ADDRESS	OPERATOR <u>SCOTT</u>
CITY	CONTRACTOR <u>McPherson</u>
STATE ZIP CODE	DISTANCE TO LOCATION
TIME ARRIVED ON LOCATION <u>2:20 R 1:00</u>	TIME LEFT LOCATION <u>4:00</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/FT	SURFACE PIPE ANNULUS LONG	
	TUBING WEIGHT	OPEN HOLE	STRING	
CASING SIZE <u>7"</u>	TUBING CONDITION		TUBING	
CASING DEPTH <u>243</u>		TREATMENT VIA	TYPE OF TREATMENT	
CASING WEIGHT <u>77</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 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  
m-p 99 SKS 50/50 Pz 3 1/2 BCCA .25% BREA 11.1 mix H2O  
Displace 9.0 BRLS H2O shut in well wash up to Pit  
Rig Down

JOB SUMMARY:  
 DESCRIPTION OF JOB EVENTS m-p 3:20 safety meeting 2:40  
cement 3:15  
Displace 3:20  
BRLS to Pit 6  
shut in well 3:34

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 KANSAS CORPORATION COMMISSION

FEB 12 2009

CONSERVATION DIVISION  
 WICHITA, KS

Scott Driller  
 AUTHORIZATION TO PROCEED \_\_\_\_\_ TITLE \_\_\_\_\_ DATE 12-9-08

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@qwestoffice.net

NWT 2008

REF. INVOICE # B136

LOCATION Berry 24-8

FOREMAN (Jose, Justin, Ruben, Tati, Moises)

## TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
12/10/08	Berry 24-8	8	25	38W	Cheyenne	

CHARGE TO <u>Excell Services</u>	OWNER
MAILING ADDRESS	OPERATOR
CITY	CONTRACTOR <u>Excell Rig #17</u>
STATE ZIP CODE	DISTANCE TO LOCATION <u>100 Mile Min.</u>
TIME ARRIVED ON LOCATION <u>9:30</u>	TIME LEFT LOCATION

WELL DATA			PRESSURE LIMITATIONS	
HOLE SIZE	TUBING SIZE	PERFORATIONS	THEORETICAL	INSTRUCTED
<u>6 1/4</u>				
TOTAL DEPTH <u>1555</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG	
<u>P/B 1490</u>	TUBING WEIGHT	OPEN HOLE	STRING	
CASING SIZE <u>4 1/2</u>	TUBING CONDITION		TUBING	

CASING DEPTH	TREATMENT VIA	TYPE OF TREATMENT	TREATMENT RATE
<u>1513</u>		<input type="checkbox"/> SURFACE PIPE	BREAKDOWN BPM
CASING WEIGHT <u>11.6</u>	PACKER DEPTH	<input checked="" type="checkbox"/> PRODUCTION CASING	INITIAL BPM
CASING CONDITION <u>Good</u>		<input type="checkbox"/> SQUEEZE CEMENT	FINAL BPM

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 MIRU, Safety meetings, Est. circu, Pump 30 BBls M/Flush,  
M/P 32 SKS Lead yield 2.64 Density 12, M/P 56 SKS Tail yield 1.83 Density 13.8,  
Drop plug, Displace 23 BBls Kcl water, set Plug Between 1200E 1500 PSZ  
wash up to Pit

JOB SUMMARY  
 DESCRIPTION OF JOB EVENTS (10:00) MIRU, (11:10) safety, (11:15) Est. circu, Pump 30 BBls  
Mud Flush, (11:20) M/P 32 SKS Lead 56 SKS Tail, (11:30) Drop plug Displace  
23 BBls Kcl water

(11:35) 10 away 200 PSZ  
(11:40) 20 away 600 PSZ  
(11:45) set Plug @ 1500 PSZ

7 BBls to Pit

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CONSERVATION DIVISION  
 WICHITA, KS

AUTHORIZATION TO PROCEED

TITLE

12/10/08

DATE