

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: \_\_\_\_\_  
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. \_\_\_\_\_  
11/21/2008 11/23/2008  
Spud Date or Date Reached TD Completion Date or  
Recompletion Date Recompletion Date

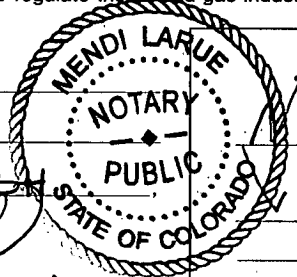
API No. 15 - 023-21190-00-00  
County: Cheyenne  
W2 SE SW SW Sec. 9 Twp. 2 S. R. 38  East  West  
330' feet from S N (circle one) Line of Section  
940' feet from E W (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Cook Farms Well #: 14-9  
Field Name: Unnamed  
Producing Formation: Niobrara  
Elevation: Ground: 3357' Kelly Bushing: 3366'  
Total Depth: 1500' Plug Back Total Depth: 1442'  
Amount of Surface Pipe Set and Cemented at 255' 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 AH I NCR 3-31-09  
(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: 3/3/09  
Subscribed and sworn to before me this 3rd day of MARCH  
2009  
Notary Public: Mendi Larue  
Date 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

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Operator Name: Noble Energy, Inc. Lease Name: Cook Farms Well #: 14-9  
 Sec. 9 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)

Log Formation (Top), Depth and Datum  Sample  
 Name Niobrara Top 1285' Datum

List All E. Logs Run:

**Triple Combo (DEN/NEU/IND)**

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.	255'	50/50 POZ	88 SX	3% CaCl, .25% Flo-celc
Production	6-1/4"	4-1/2"	11.6 Lbs/Ft.	1483'	Lead Type III	30 SX	12% gel, 2% CaCl, 25% Polyfate
					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
	Waiting to perforate	Waiting to frac	

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.	Producing Method
Waiting on completion	<input 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

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. 102  
 Denver, Colorado 80202  
 Phone: 303-296-3010  
 Fax: 303-298-8143  
 E-mail: bisonoil1@qwestoffice.net

INVOICE # 8136

LOCATION COOK FARMS 14-9

FOREMAN Cose, Shawn, Ruben

## TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
11/21/08	COOK FARMS 14-9	9	25	38W	Cheyenne	

CHARGE TO <u>Excell Services</u>	OWNER
MAILING ADDRESS	OPERATOR
CITY	CONTRACTOR <u>McPherson</u>
STATE ZIP CODE	DISTANCE TO LOCATION <u>110 Miles</u>
TIME ARRIVED ON LOCATION <u>2:30</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		

		TYPE OF TREATMENT		TREATMENT RATE	
CASING DEPTH <u>247</u>	TREATMENT VIA	<input checked="" type="checkbox"/> SURFACE PIPE	BREAKDOWN BPM		
CASING WEIGHT <u>17#</u>	PACKER DEPTH	<input 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	<input type="checkbox"/> ACID BREAKDOWN	MINIMUM BPM
FINAL DISPLACEMENT psi	ISIP psi	<input type="checkbox"/> ACID STIMULATION	MAXIMUM BPM
ANNULUS psi	5 MIN SIP psi	<input type="checkbox"/> ACID SPOTTING	AVERAGE BPM
MAXIMUM psi	15 MIN SIP psi	<input type="checkbox"/> MISC PUMP	
MINIMUM psi		<input type="checkbox"/> OTHER	HYD HHP = RATE X PRESSURE X 40.8

INSTRUCTIONS PRIOR TO JOB MIRU, SAFETY, EST. CIRCU, H/P 88 SKS Cement yield 1.13  
Density 15.2, Displace 9 BBLs H<sub>2</sub>O, Shut in well wash up to pit

JOB SUMMARY  
 DESCRIPTION OF JOB EVENTS (3:00) MIRU, (3:30) SAFETY, (3:40) EST. CIRCU, H/P 88 SKS. Cement  
3/1 (3:50) Displace 9 BBLs H<sub>2</sub>O, (4:00) Shut in well,  
4 BBLs to Pit

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*[Signature]*

*[Signature]*

11/21/08

AUTHORIZATION TO PROCEED

TITLE

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.

# 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

*Handwritten notes:*  
 3/29/09

INVOICE # 8078  
 LOCATION KS  
 FOREMAN STANLEY R. STIMPSON  
SHAUN  
DAVE

## TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
11-23-08	COOK FARMS 14-9	SUSW 9	2.5	38W	CHEYENNE	
CHARGE TO	OWNER					
MAILING ADDRESS	OPERATOR					
CITY	CONTRACTOR					
STATE ZIP CODE	DISTANCE TO LOCATION					
TIME ARRIVED ON LOCATION	TIME LEFT LOCATION					
8:50	R-9:00		11:45			

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
6 1/4					
TOTAL DEPTH	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
1504					
	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE	TUBING CONDITION		TUBING		
4 1/2					

		TYPE OF TREATMENT		TREATMENT RATE	
CASING DEPTH	TREATMENT VIA	<input type="checkbox"/> SURFACE PIPE	BREAKDOWN BPM		
1474		<input checked="" type="checkbox"/> PRODUCTION CASING	INITIAL BPM		
CASING WEIGHT	PACKER DEPTH	<input type="checkbox"/> SQUEEZE CEMENT	FINAL BPM		
11.65		<input type="checkbox"/> ACID BREAKDOWN	MINIMUM BPM		
CASING CONDITION		<input type="checkbox"/> ACID STIMULATION	MAXIMUM BPM		
2.00		<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	5 MIN SIP	psi
ANNULUS	psi	15 MIN SIP	psi
MAXIMUM	psi		
MINIMUM	psi		

INSTRUCTIONS PRIOR TO JOB MIRu SAFETY MEETING EST-CIRC m-p 30 BB15 mud FLUSH  
m-p 30 SKS 50/50 POZ 12% BB6-1 2% BCCA-1 25% BLFA-1 - 11 BB15 H2O mix  
m-p 36 SKS 50/50 POZ 2% BB6-1 1% BCEL-80 25% BLFA-1 - 12.9 BB15 H2O mix  
DROP PLUG Displace 22.4 BB15 H2O SET PLUG AT 1400-1500 PSI  
CHECK FLOAT & LATCH wash up to P.T Rig down

JOB SUMMARY:  
 DESCRIPTION OF JOB EVENTS MIRu - 10:15 SAFETY - 10:30 mud FLUSH - 10:35  
Lead cement - 10:45 Tail cement - 10:50  
Drop Plug - 11:04 Displace - 11:08

Time	AWAY	PSI
11:11	10	100
11:14	20	300
11:15	SET PLUG	1500

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*Signature*  
 AUTHORIZATION TO PROCEED TITLE DATE  
 11-23-09

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.