

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

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 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>12/20/2008</u>	<u>12/21/2008</u>	<u>1/21/2009</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 023-21209-00-00
County: Cheyenne
W2 SE NE NW Sec. 17 Twp. 2 S. R. 38 East West
990' feet from S N (circle one) Line of Section
2,300' feet from E W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Nelson Well #: 21-17
Field Name: Cherry Creek Niobrara Gas Area

Producing Formation: Niobrara
Elevation: Ground: 3424' Kelly Bushing: 3433'
Total Depth: 1590' Plug Back Total Depth: 1519'
Amount of Surface Pipe Set and Cemented at 292', 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 n/a
feet depth to _____ w/ _____ 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.: _____

Handwritten: All-1-Dlg - 3/30/09

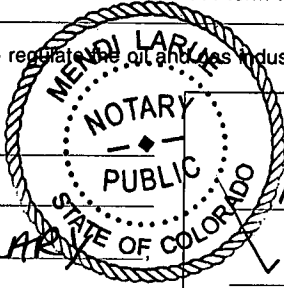
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side 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: 2/5/09

Subscribed and sworn to before me this 5th day of FEBRUARY
09

Notary Public: Mendi Laro
My Commission Expires 09/11/2010
Date Commission Expires: _____



KCC Office Use ONLY

Letter of Confidentiality Received
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

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FEB 09 2009

Operator Name: **Noble Energy, Inc.** Lease Name: **Nelson** Well #: **21-17**
 Sec. 17 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 **1357'** Datum

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

CASING RECORD 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.	292'	50/50 POZ	108 sx	3% CaCl, .25% Flo-cele
Production	6-1/4"	4-1/2"	10.5 Lbs/Ft.	1563'	Lead Type III	34 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
Perforate				
Protect Casing				
Plug Back TD				
Plug Off Zone				

Shots Per Foot

PERFORATION RECORD - Bridge Plugs Set/Type
 Specify Footage of Each Interval Perforated

3 SPF
 Perf Niobrara interval from 1358'-1380'
 (22', 3spf, 66 holes) .41" EHD, 120 degree phase

Acid, Fracture, Shot, Cement Squeeze Record
 (Amount and Kind of Material Used)

Niobrara frac'd with 500 gals 7.5% HCL acid, 12,000 gals of 25% CO2 foamed gel pad; 31,892 gals 25% CO2 foamed gel carrying 48,920 lbs 16/30 Brady sand and 51,100 lbs 16/30 Badger sand.
 ATP-577 psi; ATR-13.6 bpm.

Depth

TUBING RECORD

Size

Set At

Packer At

Liner Run

Yes No

Date of First, Resumerd Production, SWD or Enhr.

2/5/2009

Producing Method

Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours

Oil

Bbls.

0

Gas

Mcf

18

Water

Bbls.

0

Gas-Oil Ratio

0

Gravity

Disposition of Gas

METHOD OF COMPLETION

Production Interval

Vented Sold Used on Lease
 (If vented, Submit ACO-18.)

Open Hole Perf. Dually Comp. Commingled
 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: bisonoil@qwest.net

VOICE # 8034
 LOCATION _____
 FOREMAN Thomas Gallegos

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
12/20/08	NElson	21-17	17	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 <u>90 miles</u>
TIME ARRIVED ON LOCATION <u>4:30 pm</u>	TIME LEFT LOCATION <u>6:30</u>

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <u>9 7/8</u>	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
TOTAL DEPTH <u>287</u>	TUBING DEPTH	SHOTS/FT		SURFACE PIPE ANNULUS LONG	
	TUBING WEIGHT	OPEN HDLE		STRING	
CASING SIZE <u>7"</u>	TUBING CONDITION			TUBING	

		TYPE OF TREATMENT	TREATMENT RATE
CASING DEPTH <u>283</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>Comp</u>	<u>PBTD 258</u>	<input type="checkbox"/> SQUEEZE CEMENT	FINAL BPM

PRESSURE SUMMARY			
BREAKDOWN or CIRCULATING	psi	AVERAGE	psi
FINAL DISPLACEMENT	psi	15IP	psi
ANNULUS	psi	5 MIN SIP	psi
MAXIMUM	psi	15 MIN SIP	psi
MINIMUM	psi		

INSTRUCTIONS PRIOR TO JOB WIRU safety meeting est circ. MHP 108 SKS 50/50 po2
3% BUA, 2% BLEA 10.2 BBI mix then displace 10' BBI H2O
Shut in well head then wash up to pit & rig down.

JOB SUMMARY
 DESCRIPTION OF JOB EVENTS WIRU 5:00 safety 5:05 MHP 5:10 Diss 5:20
Shut in well 5:30
BBI back to pit 6

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 FEB 09 2009
 CONSERVATION DIVISION
 WICHITA, KS

Scott AUTHORIZATION TO PROCEED
Driller TITLE
12/20/08 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@qwest.net

INVOICE # 8152

LOCATION LS

FOREMAN Allen L Bowen

Justin
Ben

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
12-21-08	Nelson 21-17	17	25	38W	Cheyenne	

CHARGE TO <u>EXCEL</u>	OWNER
MAILING ADDRESS	OPERATOR <u>Gary</u>
CITY	CONTRACTOR <u>EXCELL Rig 17</u>
STATE ZIP CODE	DISTANCE TO LOCATION
TIME ARRIVED ON LOCATION <u>9:30 R 9:00</u>	TIME LEFT LOCATION <u>2:26</u>

WELL DATA			PRESSURE LIMITATIONS	
HOLE SIZE	TUBING SIZE	PERFORATIONS	THEORETICAL	INSTRUCTED
<u>6 1/4</u>				
TOTAL DEPTH <u>1592</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>1354</u>				
CASING WEIGHT <u>10.5</u>	PACKER DEPTH			
CASING CONDITION <u>Good</u>	<u>PBTD 1519</u>			

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 MIRL softymeting EST-CERC mud flush
m-p 34 sks 50150 Pw 12% BBG 2% BCCA 25% BLEA 12.6 mix H2O
m-p 56 sks 50150 Pw 2% BBG 12% BCF 40 25% BLEA 12.8 mix H2O
Drop Plug Displace 24.2 BBLs H2O set Plug 1400 to 1500 PSI
check leak & float wash up to pit Rig Down

JOB SUMMARY

DESCRIPTION OF JOB EVENTS	TIME	AWAY	PSI
<u>Lead cement</u>	<u>12:53</u>		
<u>fall cement</u>	<u>12:58</u>		
<u>Drop Plug</u>	<u>1:06</u>		
<u>Displace</u>	<u>1:16</u>		
	<u>1:13</u>	<u>10</u>	<u>100</u>
	<u>1:17</u>	<u>20</u>	<u>400</u>
	<u>1:45</u>	<u>set Plug</u>	<u>1500</u>

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CONSERVATION DIVISION
 WICHITA, KS

[Signature]

12-21-08

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.