

ORIGINAL

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
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. _____

11/18/2008 11/19/2008 12/3/2008
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 023-21168-00-00
County: Cheyenne
NE NW SW SE Sec. 13 Twp. 2 S. R. 39 East West
1,080' feet from S N (circle one) Line of Section
2,190' feet from E W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Zimbelman Well #: 34-13
Field Name: Cherry Creek Niobrara Gas Area

Producing Formation: Niobrara
Elevation: Ground: 3329' Kelly Bushing: 3338'
Total Depth: 1490' Plug Back Total Depth: 1451'
Amount of Surface Pipe Set and Cemented at 190' cmt w/ 63 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.

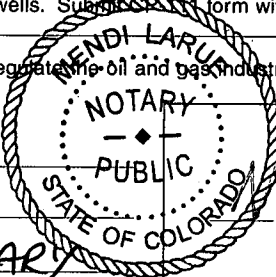
Drilling Fluid Management Plan AH I nur 3-24-09
(Data must be collected from the Reserve Pit)
Chloride content _____ ppm Fluid volume _____ bbls
Dewatering method used _____
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ 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-11 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: 1/28/09

Subscribed and sworn to before me this 28 day of JANUARY
2009
Notary Public: Mendi Larue
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

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KANSAS CORPORATION COMMISSION
JAN 29 2009
CONSERVATION DIVISION
WICHITA, KS

Operator Name: Noble Energy, Inc. Lease Name: Zimbelman Well #: 34-13
 Sec. 13 Twp. 2 S. R. 39 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 1242' Datum

List All E. Logs Run:

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.	190'	50/50 POZ	63 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% Polyflac
					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	Acid, Fracture, Shot, Cement Squeeze Record	Depth
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	
3 SPF	Perf Niobrara interval from 1242'-1282' (40', 3spf, 120 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; 31,820 gals 25% CO2 foamed gel carrying 100,060 lbs 16/30 sand. ATP- 541 psi; ATR- 13.2 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.		Producing Method			
1/19/2009		<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	70	0	0	

Disposition of Gas Vented Sold Used on Lease (If vented, Submit ACO-18.)
 METHOD OF COMPLETION 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: bisonoil1@qwest.net

INVOICE # 8029
 LOCATION KS
 FOREMAN STANLEY R. SIMPSON
JUSTIN
BEN REUBEN

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE.	COUNTY	FORMATION
11-18-08	Zimblman 34-13	13	25	39W	CHEYENNE	

CHARGE TO <u>Mepherson</u>	OWNER
MAILING ADDRESS	OPERATOR <u>SCOTT</u>
CITY	CONTRACTOR <u>Mepherson</u>
STATE ZIP CODE	DISTANCE TO LOCATION
TIME ARRIVED ON LOCATION <u>11:30</u>	TIME LEFT LOCATION <u>12:30</u>

WELL DATA			PRESSURE LIMITATIONS	
HOLE SIZE <u>9 7/8</u>	TUBING SIZE	PERFORATIONS	THEORETICAL	INSTRUCTED
TOTAL DEPTH <u>185</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>181</u>		TREATMENT VIA	TYPE OF TREATMENT	
CASING WEIGHT	PACKER DEPTH		<input checked="" type="checkbox"/> SURFACE PIPE	BREAKDOWN BPM
CASING CONDITION <u>Good</u>			<input type="checkbox"/> PRODUCTION CASING	INITIAL BPM
PRESSURE SUMMARY			<input type="checkbox"/> SQUEEZE CEMENT	FINAL BPM
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 SAFTY meeting EST-CIRC
m-p63 SKS 50/50 P02 3% BCCM 25% BUFA 7 DBBIS MIX H2O
DISPLACE 6.4 BBLS H2O - shut in well washup 10 PIT

JOB SUMMARY
 DESCRIPTION OF JOB EVENTS MIRU-11:30 SAFTY 11:45
CEMENT 11:52 DISPLACE 11:58
BBIS TOP IT 1
shut in well 12:04

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CONSERVATION DIVISION
 WICHITA, KS

driller

11-18-08

AUTHORIZATION TO PROCEED

TITLE

DATE

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 # 8074
 LOCATION KS
 FOREMAN STANLEY R. STIMPSON
Gary
Shahn

TREATMENT REPORT

DATE <u>11-19-08</u>	WELL NAME <u>ZIMMERMAN 34-13</u>	SECTION <u>13</u>	TWP <u>25</u>	RGE <u>39W</u>	COUNTY <u>CHEYENNE</u>	FORMATION
CHARGE TO <u>ENERGY NOKS ENERGY</u>		OWNER				
MAILING ADDRESS		OPERATOR <u>GRSG</u>				
CITY		CONTRACTOR <u>EXCELL RIG-17</u>				
STATE ZIP CODE		DISTANCE TO LOCATION				
TIME ARRIVED ON LOCATION <u>7:50</u>		TIME LEFT LOCATION <u>10:30</u>				

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE	TUBING SIZE	PERFORATIONS	THEORETICAL		INSTRUCTED
<u>6 1/4</u>					
TOTAL DEPTH <u>1492</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>1474</u>		TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT <u>11.6</u>	PACKER DEPTH		<input type="checkbox"/> SURFACE PIPE		BREAKDOWN BPM
CASING CONDITION <u>sand</u>	<u>DBTD 1451</u>		<input checked="" type="checkbox"/> PRODUCTION CASING		INITIAL BPM
PRESSURE SUMMARY			<input type="checkbox"/> SQUEEZE CEMENT		FINAL BPM
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 WTRU SAFETY MEETING EST-DRG m-p 30 DBIS mud flush
m-p 30 5H 50/50 PZ 12% BBG-1 25% BLEA-1 2% BCP-1 11.1 DBIS mix H2O
m-p 56 5H 50/50 PZ 2% BBG-1 1% BLE-90 25% BLEA-1 12.9 DBIS mix H2O
Drop Plug Displace DBIS H2O set plug 1400-1500 PSI
check float & latch - wash up top of rig down

JOB SUMMARY
 DESCRIPTION OF JOB EVENTS WTRU - 8:49 SAFETY - 8:59 mud flush - 9:02
Lead cement 9:11 Tail cement 9:19
Drop Plug 9:32 Displace 9:36

Time	Annul	PSI
9:42	10	200
9:51	20	400
9:53	Set Plug	1500

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 WICHITA, KS

AUTHORIZATION TO PROCEED

TITLE

11-19-08

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.