

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. _____

12/19/2008	12/20/2008	1/20/2009
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 023-21208-00-00
 County: Cheyenne
 SE NW NE NE Sec. 17 Twp. 2 S. R. 38 East West
590' feet from S / N (circle one) Line of Section
970' feet from E / W (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE NW SW
 Lease Name: Ray Well #: 41-17
 Field Name: Cherry Creek Niobrara Gas Area
 Producing Formation: Niobrara
 Elevation: Ground: 3421' Kelly Bushing: 3430'
 Total Depth: 1588' Plug Back Total Depth: 1535'
 Amount of Surface Pipe Set and Cemented at 298' cmt w/ 110 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 NR 3-30-09
 (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.

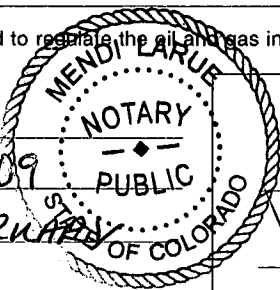
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: Jennifer Barnett
 Title: Regulatory Analyst Date: 2/5/09
 Subscribed and sworn to before me this 5th day of FEBRUARY
 20 09
 Notary Public: Mendi Taber
 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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Operator Name: Noble Energy, Inc. Lease Name: Ray Well #: 41-17
 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 Top Datum
 Niobrara 1349'

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.	298'	50/50 POZ	110 sx	3% CaCl, .25% Flo-cele
Production	6-1/4"	4-1/2"	10.5 Lbs/Ft.	1579'	Lead Type III	35 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 1350'-1380'	Niobrara frac'd with 500 gals 7.5% HCL acid, 12,000 gals of	
	(30', 3spf, 90 holes) .41" EHD, 120 degree phase	25% CO2 foamed gel pad; 31,891 gals 25% CO2 foamed	
		gel carrying 100,060 lbs 16/30 sand. ATP-553 psi; ATR-16.0 bpm.	

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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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.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	0	26	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@qwestoffice.net

INVOICE # 8139

LOCATION RAY 41-17

FOREMAN Jace, NAT, Ruben

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
12/19/08	RAY 41-17	17	25	38W	Cherokee	

CHARGE TO <u>Excell services</u>	OWNER
MAILING ADDRESS	OPERATOR
CITY	CONTRACTOR <u>McPherson</u>
STATE ZIP CODE	DISTANCE TO LOCATION <u>95 miles</u>
TIME ARRIVED ON LOCATION <u>12:00 P.M.</u>	TIME LEFT LOCATION <u>3:00 P.M.</u>

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <u>9 7/8"</u>	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
TOTAL DEPTH <u>293</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE <u>7"</u>	TUBING CONDITION		TUBING		

		TREATMENT VIA		TYPE OF TREATMENT		TREATMENT RATE	
CASING DEPTH <u>288</u>				<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"/> SOEZE CEMENT		FINAL BPM	<u>17</u>

PRESSURE SUMMARY					
BREAKDOWN or CIRCULATING	psi	AVERAGE	psi	<input type="checkbox"/> ACID BREAKDOWN	MINIMUM BPM
FINAL DISPLACEMENT	psi	4SIP	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 meeting, Est. circ, M/P 110 SKS prevent yield 1.13
Density 15.2, Displace 11 BBLs Hig, shut in wash wash up to pit

JOB SUMMARY
 DESCRIPTION OF JOB EVENTS (2:00) MIRU, (2:05) safety, (2:10) Est. circ, M/P 110 SKS
cement, (12:15) Displace 11 BBLs Hig, (12:20) shut in well
wash up to pit

7 BBLs to pit

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CONSERVATION DIVISION
 WICHITA, KS

[Signature] driller 12/19/08
 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: bisonoil@qwest.net

INVOICE # 8188

LOCATION Ray 41-17

FOREMAN Goso, NAT, Ruben

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
12/21/08	RAY 41-17	17	2S	38W	Cheyenne	

CHARGE TO	Excel Services	OWNER	
MAILING ADDRESS		OPERATOR	
CITY		CONTRACTOR	Excel Rig #17
STATE ZIP CODE		DISTANCE TO LOCATION	90 miles
TIME ARRIVED ON LOCATION	10:30 P.M.	TIME LEFT LOCATION	

WELL DATA			PRESSURE LIMITATIONS	
HOLE SIZE	TUBING SIZE	PERFORATIONS	THEORETICAL	INSTRUCTED
6 1/2				
TOTAL DEPTH 1591	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG	
P/B 1535	TUBING WEIGHT	OPEN HOLE	STRING	
CASING SIZE 4 1/2	TUBING CONDITION		TUBING	
CASING DEPTH 1570		TREATMENT VIA	TYPE OF TREATMENT	
CASING WEIGHT 10.5	PACKER DEPTH		<input type="checkbox"/> SURFACE PIPE	BREAKDOWN BPM
CASING CONDITION Good			<input checked="" 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	5 MIN SIP	psi
ANNULUS	psi	15 MIN SIP	psi
MAXIMUM	psi		
MINIMUM	psi		

INSTRUCTIONS PRIOR TO JOB HIRU, Safety, Est. Circu, Pump 30 BBls Mud Flush, H/P 35 SKs Lead
 yield 2164 Density 12, H/P 56 SKs Tail yield 1.83 Density 13.8, Drop plug,
 Displace 24.4 BBls Kcl water, Set Plug Between 1800 & 1500 PSZ
 Wash up to Pit

JOB SUMMARY
 DESCRIPTION OF JOB EVENTS (3:30) HIRU, (4:40) Safety, (4:50) Est. Circu, Pump 30 BBls
 Mud Flush, (4:00) H/P 35 SKs Lead 56 SKs Tail, (4:20) Drop plug Displace
 24.4 BBls Kcl water,
 (4:23) 10 away 200 PSZ
 (4:25) 20 away 400 PSZ
 (4:30) Set Plug @ 1500 PSZ

7 BBls to Pit

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 CONSERVATION DIVISION
 WICHITA KS


 AUTHORIZATION TO PROCEED

12/21/08
 DATE

Customers hereby acknowledge 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.