

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. _____

<u>9/27/2008</u>	<u>9/28/2008</u>	<u>11/17/2008</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 023-21130-00-00
County: Cheyenne
SW NW SW NE Sec. 10 Twp. 2 S. R. 39 East West
1,770' feet from S (N) (circle one) Line of Section
2,430' feet from (E) W (circle one) Line of Section

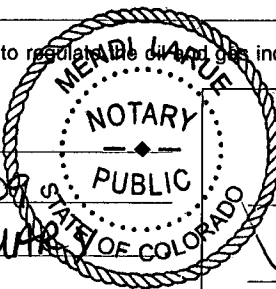
Footages Calculated from Nearest Outside Section Corner:
(circle one) (NE) SE NW SW
Lease Name: Ham Well #: 32-10
Field Name: Cherry Creek Niobrara Gas Area
Producing Formation: Niobrara
Elevation: Ground: 3200' Kelly Bushing: 3206'
Total Depth: 1341' Plug Back Total Depth: 1302'
Amount of Surface Pipe Set and Cemented at 155' cmt w/ 74 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 A1+ I NCR 3-25-09
(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: 1/22/09
Subscribed and sworn to before me this 22 day of JANUARY
09
Notary Public: Meredith [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 _____

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JAN 26 2009

JAN 2010

Side Two

Operator Name: Noble Energy, Inc. Lease Name: Ham Well #: 32-10
 Sec. 10 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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: Triple Combo (DEN/NEU/IND), CBL/CCL/GR	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name <u>Niobrara</u> Top <u>1125'</u> Datum _____
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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.	155'	50/50 POZ	74 sx	3% CaCl ₂ , .25% Flo-cel
Production	6-1/4"	4-1/2"	9.5 Lbs/Ft.	1330'	Lead Type III	24 sx	12% gel, 2% CaCl ₂ , .25% Polyfaka
					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	
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
3 SPF	Perf Niobrara interval from 1125'-1160'	Niobrara frac'd with 500 gals 7.5% HCL acid, 12,000 gals of	
	(35', 3spf, 105 holes) .41" EHD, 120 degree phase	25% CO2 foamed gel pad; 31,747 gals 25% CO2 foamed	
		gel carrying 100,080 lbs 16/30 sand. ATP-539 psi; ATR-13.6 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. 1/19/2009	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	50	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) _____

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@qwest.net

INVOICE # 7944

LOCATION Ham 32-10

FOREMAN Jose Mat

TREATMENT REPORT

DATE 9/27/08	WELL NAME Ham 32-10	SECTION 10	TWP 2S	RGE 39W	COUNTY Cheyenne	FORMATION
CHARGE TO Excell Services			OWNER			
MAILING ADDRESS			OPERATOR			
CITY			CONTRACTOR Excell Rig #2			
STATE ZIP CODE			DISTANCE TO LOCATION 100			
TIME ARRIVED ON LOCATION 6:00			TIME LEFT LOCATION			

WELL DATA

PRESSURE LIMITATIONS

HOLE SIZE 9 7/8	TUBING SIZE	PERFORATIONS	THEORETICAL		INSTRUCTED
TOTAL DEPTH 1600	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE 7"	TUBING CONDITION	TREATMENT VIA	TUBING		
CASING DEPTH 155			TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT 120	PACKER DEPTH		<input checked="" type="checkbox"/> SURFACE PIPE	BREAKDOWN BPM	
CASING CONDITION Good			<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 of 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: MIPG, safety meeting, Est. Circ, MIP 745K cement yield 113 Density 15.2 Displace 5 BBLs H₂O, shut in well wash to pit

JOB SUMMARY

DESCRIPTION OF JOB EVENTS: (6:30) MIPG, (7:15) SAFETY, (7:30) Est. Circ, Pump 724 SK Cement 8.5 H₂O water, (7:35) Displace 5 BBLs H₂O, (7:40) shut in well

3 BBLs to pit

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JAN 26 2009

CONSERVATION DIVISION
WICHITA, KS

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@qwest.net

INVOICE # 7975
 LOCATION C.L. 209X KS.
 FOREMAN Eric, Tony, Shawn

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
9-28-08	Ham 32-10	10	25	39W	cheyenne	

CHARGE TO <u>Excell Services</u>	OWNER
MAILING ADDRESS	OPERATOR <u>Jac</u>
CITY	CONTRACTOR <u>Lip</u>
STATE ZIP CODE	DISTANCE TO LOCATION <u>60 miles</u>
TIME ARRIVED ON LOCATION <u>12:00</u>	TIME LEFT LOCATION

WELL DATA			PRESSURE LIMITATIONS	
HOLE SIZE	TUBING SIZE	PERFORATIONS	THEORETICAL	INSTRUCTED
<u>6 7/8</u>				
TOTAL DEPTH <u>1371</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG	
<u>PRO 1301</u>				
CASING SIZE <u>4.5</u>	TUBING WEIGHT	OPEN HOLE	STRING	
	TUBING CONDITION		TUBING	

CASING DEPTH	CASING WEIGHT	CASING CONDITION	PACKER DEPTH	TREATMENT VIA	TYPE OF TREATMENT	TREATMENT RATE
<u>1329</u>	<u>5.5</u>	<u>good</u>			<input type="checkbox"/> SURFACE PIPE <input type="checkbox"/> PRODUCTION CASING <input type="checkbox"/> SQUEEZE CEMENT <input type="checkbox"/> ACID BREAKDOWN <input checked="" type="checkbox"/> ACID STIMULATION <input checked="" type="checkbox"/> ACID SPOTTING <input type="checkbox"/> MISC PUMP <input type="checkbox"/> OTHER	BREAKDOWN BPM INITIAL BPM FINAL BPM MINIMUM BPM MAXIMUM BPM AVERAGE BPM HYD HHP = RATE X PRESSURE X 40.8

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		psi

INSTRUCTIONS PRIOR TO JOB m.t.p. safety meeting 30 min mud flush, m.p. 24 sks' cement yield 1.64 Density 1.2 m.p. 56 sks' cement yield 1.50 Density 1.2, Drop Plug, Displace 21.1 bbls H₂O, Set Plug @ 1400-1500

JOB SUMMARY
 DESCRIPTION OF JOB EVENTS m.t.p. 12:00 safety meeting - 1:25 30 min mud flush - 1:30 m.p. 24 sks' cement - 1:38 m.p. 56 sks' cement - 1:47 Drop Plug - 1:52 Displace 21.1 bbls H₂O - 1:55 Set Plug @ 1400-1500 psi - 2:00

Time	Annulys	Psi
1:56	10	200
1:59	20	400
2:00	21.1	1500

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 CONSERVATION DIVISION
 WICHITA, KS

3 bbls to pit

[Signature]
 AUTHORIZATION TO PROCEED

TITLE

9-28-08
 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.