

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: _____
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. _____

7/30/2008 8/1/2008 9/11/2008
Spud Date or Date Reached TD Completion Date or
Recompletion Date

API No. 15 - 023-21062-00-00
County: Cheyenne
NE SE NW NE Sec. 10 Twp. 2 S. R. 39 East West
855' feet from S (N) (circle one) Line of Section
1,510' 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 #: 31-10
Field Name: Cherry Creek Niobrara Gas Area

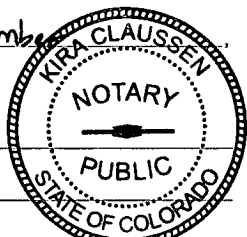
Producing Formation: Niobrara
Elevation: Ground: 3206' Kelly Bushing: 3215'
Total Depth: 1363' Plug Back Total Depth: 1307'
Amount of Surface Pipe Set and Cemented at 166' cmt w/ 56 sx Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from n/a
feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan Ait I ncr 1-29-09
(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: 12/3/08
Subscribed and sworn to before me this 3 day of December
20 08
Notary Public: Kira Clausen
Date Commission Expires: _____



KCC Office Use ONLY
N Letter of Confidentiality Received
If Denied, Yes Date: _____
 Wireline Log Received **RECEIVED**
 Geologist Report Received **KANSAS CORPORATION COMMISSION**
 UTC Distribution **DEC 08 2008**
CONSERVATION DIVISION
WICHITA, KS

Operator Name: Noble Energy, Inc. Lease Name: Ham Well #: 31-10
 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 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:

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

Log Formation (Top), Depth and Datum Sample
 Name Top Datum
 Niobrara 1117'

*Perforation
 w/ open
 logs
 stop
 m/s*

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.	166'	50/50 POZ	56 sx	3% CaCl, .25% Flo-celc
Production	6 1/4"	4 1/2"	10.5 Lbs./Ft.	1347'	Lead Type III	24 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 1118'-1157'	Niobrara frac'd with 500 gals 7.5% HCL acid, 12,000 gals of	
	(39', 3spf, 117 holes) .42" EHD, 120 degree phase	25% CO2 foamed gel pad; 31,730 gals 25% CO2 foamed	
		gel carrying 100,040 lbs 16/30 sand. ATP- 617 psi; ATR- 15.6 bpm.	

TUBING RECORD Size Set At Packer At Liner Run Yes No

Date of First, Resumerd Production, SWD or Enhr. **Waiting on hookup** Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours Oil Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Gravity

Disposition of Gas METHOD OF COMPLETION Production Interval
 Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled
 (If vented, Submit ACO-18.) Other (Specify)

BISON OIL WELL CEMENTS, INC.



1738 Wynkoop St., Ste. 102
 Denver, Colorado 80202
 Phone: 303-296-3010
 Fax: 303-298-8143
 E-mail: bisonoil1@qwest.net

INVOICE # 7827

LOCATION CRX

FOREMAN DGT
 ALLEN JUSTIN

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
7-30-08	Ham 31-10				Wichita	

CHARGE TO	EXCEL SERVICES	OWNER	NOBLE
MAILING ADDRESS		OPERATOR	
CITY		CONTRACTOR	M. G. HANSON
STATE ZIP CODE		DISTANCE TO LOCATION	85 miles
TIME ARRIVED ON LOCATION	5:15	TIME LEFT LOCATION	6:45

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE	9 7/8	TUBING SIZE	PERFORATIONS	THEORETICAL	INSTRUCTED
TOTAL DEPTH	160	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG	
		TUBING WEIGHT	OPEN HOLE	STRING	
CASING SIZE	7"	TUBING CONDITION		TUBING	
CASING DEPTH	157	TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT	174	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 or CIRCULATING	psi	AVERAGE	psi
FINAL DISPLACEMENT	psi	ISIP	psi
ANNULUS	psi	5 MIN SIP	psi
MAXIMUM	psi	16 MIN SIP	psi
MINIMUM	psi		

INSTRUCTIONS PRIOR TO JOB: MEET, SATIS meeting, EST. CR, with 5655 beam cement
 15.2 DEUS 1.17 VISCID 10 BBS with WATER DISPLACE 5.5 BBS HAD
 5.45 well was 6' up from 18' down.

JOB SUMMARY
 DESCRIPTION OF JOB EVENTS: MTRU 5:15 SATIS 5:15 CR 5:58
 DIS 6:10 SHT 6:05 BBS 6:15

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DEC 08 2008

CONSERVATION DIVISION
 WICHITA, KS

[Signature] AUTHORIZATION TO PROCEED
[Signature] TITLE
 7-30-08 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 # 7817
 LOCATION C.R. 224X Ks.
 FOREMAN Eric, Tony, Joyce

TREATMENT REPORT

DATE <u>8-1-08</u>	WELL NAME <u>Ham 31-10</u>	SECTION	TWP	RGE	COUNTY <u>Cherokee</u>	FORMATION
CHARGE TO <u>Excell Services</u>			OWNER			
MAILING ADDRESS			OPERATOR <u>Breg</u>			
CITY			CONTRACTOR <u>Excell Rig 17</u>			
STATE ZIP CODE			DISTANCE TO LOCATION <u>110 miles</u>			
TIME ARRIVED ON LOCATION <u>7:20</u>			TIME LEFT LOCATION			

WELL DATA			PRESSURE LIMITATIONS			
HOLE SIZE <u>6 1/4</u>	TUBING SIZE	PERFORATIONS	THEORETICAL		INSTRUCTED	
TOTAL DEPTH <u>1360</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG			
<u>P&ID 1306</u>	TUBING WEIGHT	OPEN HOLE	STRING			
CASING SIZE <u>4.5"</u>	TUBING CONDITION	TREATMENT VIA	TUBING			
CASING DEPTH <u>1338</u>			TYPE OF TREATMENT		TREATMENT RATE	
CASING WEIGHT	PACKER DEPTH		<input type="checkbox"/> SURFACE PIPE		BREAKDOWN BPM	
CASING CONDITION <u>good</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	ISP 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 FHP = RATE X PRESSURE X 40.8	

INSTRUCTIONS PRIOR TO JOB m+P, safety meeting, 30 BBL mud Flush, m+P 24 SKS cement yield 2.68 Density 12, m+P 56 SKS cement yield 1.83 Density 13.8, Drop Plug, Displace 20.8 BBLs H₂O, Set Plug @ 1400-1500 psi

JOB SUMMARY:
 DESCRIPTION OF JOB EVENTS m+P-8:30 safety meeting-9:40 30 BBL mud Flush-9:44 m+P 24 SKS cement-9:50 m+P 56 SKS cement-10:00 Drop Plug-10:05 Displace 20.8 BBLs H₂O-10:06 Set Plug @ 1400-1500 psi-10:14

Time	AWAY	psi	
10:09	10	100	5 bbls to pit
10:14	20	3500	
10:14	20.8	1500	

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 WICHITA, KS

AUTHORIZATION TO PROCEED

TITLE

DATE

8-1-08