

ORIGINAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

Handwritten initials and date: JB 3/3/09

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. _____

<u>12/12/2008</u>	<u>12/13/2008</u>	
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

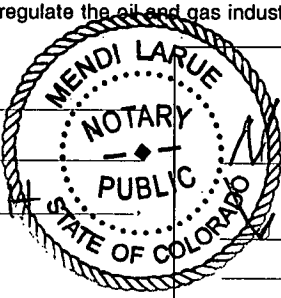
API No. 15 - 023-21089-00-00
 County: Cheyenne
 NE SE NW NE Sec. 23 Twp. 3 S. R. 38 East West
910' feet from S / (N) (circle one) Line of Section
1,430' feet from (E) W (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) (NE) SE NW SW
 Lease Name: Kehlbeck Well #: 31-23
 Field Name: Cherry Creek Niobrara Gas Area
 Producing Formation: Niobrara
 Elevation: Ground: 3479' Kelly Bushing: 3488'
 Total Depth: 1547' Plug Back Total Depth: 1477'
 Amount of Surface Pipe Set and Cemented at 391' cmt w/ 135 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 Air I nce 3-31-09
 (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: 3/3/09
 Subscribed and sworn to before me this 3rd day of MARCH 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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Side Two

Operator Name: Noble Energy, Inc. Lease Name: Kehlbeck Well #: 31-23
Sec. 23 Twp. 3 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 (Attach Additional Sheets)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Niobrara	1306'	
Electric Log Run (Submit Copy)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				
Triple Combo (DEN/NEU/IND)				

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.	391'	50/50 POZ	135 sx	3% CaCl, .25% Flo-cale
Production	6-1/4"	4-1/2"	9.5 Lbs/Ft.	1521'	Lead Type III	32 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
	Waiting to perforate	Waiting to frac	

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr.		Producing Method				
Waiting on completion		<input 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	

Disposition of Gas	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	<input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	<input type="checkbox"/> _____

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 # 5183
 LOCATION Co Rd V+27
 FOREMAN Thomas Gallagos

TREATMENT REPORT

DATE <u>12/12/08</u>	WELL NAME <u>Kehldech</u>	SECTION <u>31-23</u>	TWP <u>23</u>	RGE <u>35</u>	COUNTY <u>38 W Cheyenne</u>	FORMATION
CHARGE TO <u>McPherson</u>			OWNER			
MAILING ADDRESS			OPERATOR <u>Smith</u>			
CITY			CONTRACTOR <u>McPherson</u>			
STATE ZIP CODE			DISTANCE TO LOCATION			
TIME ARRIVED ON LOCATION <u>1:00 pm</u>			TIME LEFT LOCATION <u>2:15 pm</u>			

WELL DATA			PRESSURE LIMITATIONS			
HOLE SIZE	TUBING SIZE	PERFORATIONS	THEORETICAL		INSTRUCTED	
<u>9 7/8</u>						
TOTAL DEPTH <u>385</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG			
	TUBING WEIGHT	OPEN HOLE	STRING			
CASING SIZE <u>2"</u>	TUBING CONDITION		TUBING			
CASING DEPTH <u>382</u>		TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE	
CASING WEIGHT <u>1</u>	PACKER DEPTH		<input checked="" type="checkbox"/> SURFACE PIPE		BREAKDOWN BPM	
CASING CONDITION <u>Good</u>			<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		HYD HHP = RATE X PRESSURE X 40.8	
			<input type="checkbox"/> OTHER			

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

INSTRUCTIONS PRIOR TO JOB MIRU fast meeting, est circ, MVP 135 SKS cmf
15.3 BBI mix then displace 14.5 BBI H₂O, shut in well head
wash up to pit + rig down

JOB SUMMARY
 DESCRIPTION OF JOB EVENTS MIRU-1115 SASTU-1125 MVP-1:28
Diss - 1:40 pm
Shut in well - 1:45

BBI back to pit - 5

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Scott Hays Driller 12/12/08
 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: 303-296-8143
 E-mail: bisonoil@qwest.net

INVOICE # 8185
 LOCATION CO Rt 27
 FOREMAN Thomas Gallegos

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
12/13/08	Kehlbulk 31-23	23	35	38W	Cheyenne	
CHARGE TO <u>Noble</u>			OWNER			
MAILING ADDRESS			OPERATOR			
CITY			CONTRACTOR <u>Excell Rig #17</u>			
STATE ZIP CODE			DISTANCE TO LOCATION <u>mi'n</u>			
TIME ARRIVED ON LOCATION <u>8:00 pm</u>			TIME LEFT LOCATION <u>11:00 pm</u>			

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE	TUBING SIZE	PERFORATIONS	THEORETICAL		INSTRUCTED
TOTAL DEPTH <u>1515</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
CASING SIZE <u>4 1/2"</u>	TUBING WEIGHT	OPEN HOLE	STRING		
CASING DEPTH <u>1512</u>	TUBING CONDITION	TREATMENT VIA	TUBING		
CASING WEIGHT <u>9.5#</u>	PACKER DEPTH		TYPE OF TREATMENT		TREATMENT RATE
CASING CONDITION <u>Good</u>	<u>PBTD 1477</u>		<input type="checkbox"/> SURFACE PIPE		BREAKDOWN BPM
			<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	ISIP psi	
ANNULUS psi	5 MIN SIP psi	
MAXIMUM psi	15 MIN SIP psi	
MINIMUM psi		

INSTRUCTIONS PRIOR TO JOB MIRU Safety meeting, 2st circ, M+P 32 SKS cmt lead then M+P 56 SKS tail cmt. Shut down & drop plug & then displace 23'9 BBL H2O Set plug @ 1200-1400 psi. Release pressure back to truck wash up to pit & rig down

JOB SUMMARY
 DESCRIPTION OF JOB EVENTS MIRU - 9:30 SAFETY - 9:45 Mix on lead 12" / tail 12" M+P 32 SKS lead cmt 50/150ppm 12% BBG 3% BCCA, 25% BLEA / M+P 56 SKS tail cmt 50/100ppm 3% BCCA, 25% BLEA / drop plug - 10:00 displace - 10:05

10 10:20
20 10:25
set plug - 10:30 1300 psi

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12/13/08

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.