

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 2000
 City/State/Zip: Denver, CO 80202
 Purchaser: Bittercreek Pipeline
 Operator Contact Person: Dave Ledet
 Phone: (970) 848-0331
 Contractor: Name: _____
 License: _____
 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>3/25/2007</u>	<u>3/30/2007</u>	<u>5/17/2007</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

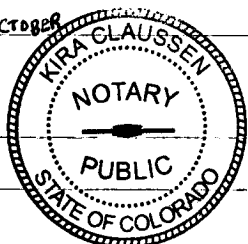
API No. 15 - 023-20769-00-00
 County: Cheyenne
 SW NE Sec. 16 Twp. 3 S. R. 42 East West
1980 feet from S / N (circle one) Line of Section
1980 feet from E W (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE NW SW
 Lease Name: Rueb Farm Well #: 32-16
 Field Name: Cherry Creek
 Producing Formation: Niobrara
 Elevation: Ground: 3732' Kelly Bushing: 3738'
 Total Depth: 1740" Plug Back Total Depth: 1676'
 Amount of Surface Pipe Set and Cemented at 301' cmt w/ 84 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 Alt I nkr 1-14-09
 (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: _____
 Title: Res. Spec. Date: 10/22/07
 Subscribed and sworn to before me this 10 day of October
20_07
 Notary Public: Kira Clausen
 Date Commission Expires: _____



KCC Office Use ONLY

Letter of Confidentiality Received
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

RECEIVED
 KANSAS CORPORATION COMMISSION
 OCT 25 2007
 CONSERVATION DIVISION
 WICHITA, KS

Operator Name: Noble Energy, Inc. Lease Name: Rueb Farm Well #: 32-16
 Sec. 16 Twp. 3 S. R. 42 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 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:	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width: 100%;"> <tr> <td style="width: 60%;">Name Niobrara</td> <td style="width: 20%;">Top 1530'</td> <td style="width: 20%;">Datum</td> </tr> </table>	Name Niobrara	Top 1530'	Datum
Name Niobrara	Top 1530'	Datum		

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 1/4"	7"	17 Lbs./Ft.	301'	50/50 POZ	84	2% CaCl, .25% Flo-celc
Production	6 1/4"	4 1/2"	9.5 Lbs./Ft.	1724'	Lead	53	Type III, 12%gel, 2%CaCl, .25 Flo-celc
					Tail	75	50/50 POZ, 2%gel, 2%CaCl, .25% flo-celc

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 1530' to 1566' (36', 3spf, 108 holes). .41"EHD, 120 degree phase.	Niobrara frac'd with 500 gals 7.5% HCL acid, 10,659 gals of 10% CO2 foamed gel pad; 24,036 gals 10% CO2 foamed gel carrying 100,780 lbs 20/40 sand. AIP-161psi; AIR-20 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. 6/15/2007	Producing Method <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. 0 Gas Mcf 101 Water Bbls. 0 Gas-Oil Ratio 0 Gravity

Disposition of Gas Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

(If vented, Submit ACO-18.)

BISON OIL WELL CEMENTING, INC.

P.O. Box 2223 • Gillette, WY 82717-2223
 Phone: 307-682-9044
 Fax: 307-682-9056
 E-mail: bisonoil@vcn.com



TREATMENT REPORT

5816

LOCATION Co Rd 2
 FOREMAN Tom Gallegos
ciarnce

DATE 3-25-07	CUSTOMER ACCT # 32-10	WELL NAME Rueb Farm	QTR/QTR	SECTION	TWP	RGE	COUNTY Cheyenne	FORMATION
CHARGE TO Excell Services				OWNER				
MAILING ADDRESS				OPERATOR				
CITY				CONTRACTOR M^cPherson Drilling Rig #1				
STATE				DISTANCE TO LOCATION				
ZIP CODE				TIME LEFT LOCATION				
TIME ARRIVED ON LOCATION								

WELL DATA	
HOLE SIZE 9 7/8	
TOTAL DEPTH 315	
CASING SIZE 7"	
CASING DEPTH 300	
CASING WEIGHT 17#	
CASING CONDITION Good	BPTD 280
TUBING SIZE	
TUBING DEPTH	
TUBING WEIGHT	
TUBING CONDITION	
PACKER DEPTH	
PERFORATIONS	
SHOTS/FT	
OPEN HOLE	
TREATMENT VIA	

TYPE OF TREATMENT	
<input checked="" type="checkbox"/> SURFACE PIPE	<input type="checkbox"/> ACID BREAKDOWN
<input type="checkbox"/> PRODUCTION CASING	<input type="checkbox"/> ACID STIMULATION
<input type="checkbox"/> SQUEEZE CEMENT	<input type="checkbox"/> ACID SPOTTING
<input type="checkbox"/> PLUG & ABANDON	<input type="checkbox"/> FRAC
<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> FRAC + NITROGEN
<input type="checkbox"/> MISC PUMP	<input type="checkbox"/> FOAM FRAC
<input type="checkbox"/> OTHER	<input type="checkbox"/> NITROGEN

PRESSURE LIMITATIONS		
	THEORETICAL	INSTRUCTED
SURFACE PIPE		
ANNULUS LONG STRING		
TUBING		

INSTRUCTIONS PRIOR TO JOB **MF RU safety meeting get circ map 84 SKS 50/50 psi 2% cal, 25' o/c @ 15' 2" density + 1.13 gal/ft displace 11' 6" BBLs H₂O wash up to pit rig down**

JOB SUMMARY

RECEIVED
 KANSAS CORPORATION COMMISSION

DESCRIPTION OF JOB EVENTS **MIAN 2:40 safety - 3:00**

10 bbls ahead - 3:05

Mix + pump - 3:10

Dis - 3:15 - 3:20

wash up - 3:25

Rig down 3:35

(10 BBLs back to pit)

OCT 25 2007
 CONSERVATION DIVISION
 WICHITA, KS

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

TREATMENT RATE	
BREAKDOWN BPM	
INITIAL BPM	
FINAL BPM	
MINIMUM BPM	
MAXIMUM BPM	
AVERAGE BPM	
HYD HHP = RATE X PRESSURE X 40.8	

AUTHORIZATION TO PROCEED **D. J. McPherson** TITLE _____ DATE **3-25-07**

BISON OIL WELL CEMENTING, INC.

P.O. Box 2223 • Gillette, WY 82717-2223
 Phone: 307-682-9044
 Fax: 307-682-9056
 E-mail: bisonoil@vcn.com



5561

LOCATION Ch...
 FOREMAN Randy - STEEN

TREATMENT REPORT

DATE 8-21-07	CUSTOMER ACCT #	WELL NAME Rust...	OTR/QTR	SECTION	TWP	RGE	COUNTY Ch...	FORMATION
CHARGE TO Albert Energy				OWNER				
MAILING ADDRESS				OPERATOR				
CITY				CONTRACTOR Excel K. 17				
STATE				DISTANCE TO LOCATION				
ZIP CODE				TIME LEFT LOCATION 1:45 AM				
TIME ARRIVED ON LOCATION 12:00 AM								

WELL DATA	
HOLE SIZE	12 1/4
TOTAL DEPTH	1740
CASING SIZE	4 1/2
CASING DEPTH	1724
CASING WEIGHT	11.6
CASING CONDITION	Good
TUBING SIZE	
TUBING DEPTH	
TUBING WEIGHT	
TUBING CONDITION	
PACKER DEPTH	
PERFORATIONS	
SHOTS/FT	
OPEN HOLE	
TREATMENT VIA	

TYPE OF TREATMENT	
<input type="checkbox"/> SURFACE PIPE	<input type="checkbox"/> ACID BREAKDOWN
<input checked="" type="checkbox"/> PRODUCTION CASING	<input type="checkbox"/> ACID STIMULATION
<input type="checkbox"/> SQUEEZE CEMENT	<input type="checkbox"/> ACID SPOTTING
<input type="checkbox"/> PLUG & ABANDON	<input type="checkbox"/> FRAC
<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> FRAC + NITROGEN
<input type="checkbox"/> MISC PUMP	<input type="checkbox"/> FOAM FRAC
<input type="checkbox"/> OTHER	<input type="checkbox"/> NITROGEN

PRESSURE LIMITATIONS		
	THEORETICAL	INSTRUCTED
SURFACE PIPE		
ANNULUS LONG STRING		
TUBING		

INSTRUCTIONS PRIOR TO JOB MIP 12' EST. size, MIP 20 BPS mud flow, MIP 53 SK L...
 12' 5" MIP 53 SK L...
 15.2" MIP 75 SK Tail Cement - 1:52 AM
 Drop Plug - 1:12 Displace 20 BPS H2O - 1:18

JOB SUMMARY

DESCRIPTION OF JOB EVENTS	MIP 12' - 12:00 AM	EST. size - 12:49 AM	MIP 20 BPS mud flow - 12:47 AM	Time ready for
				1:17 AM 1 100 PSI
				1:21 2 300 PSI
				1:28 3 1400 PSI
				1:30 4 1400 PSI
				1:35 5 1400 PSI
				1:40 6 1400 PSI
				1:45 7 1400 PSI
				1:50 8 1400 PSI
				1:55 9 1400 PSI
				2:00 10 1400 PSI
				2:05 11 1400 PSI
				2:10 12 1400 PSI
				2:15 13 1400 PSI
				2:20 14 1400 PSI
				2:25 15 1400 PSI
				2:30 16 1400 PSI
				2:35 17 1400 PSI
				2:40 18 1400 PSI
				2:45 19 1400 PSI
				2:50 20 1400 PSI
				2:55 21 1400 PSI
				3:00 22 1400 PSI
				3:05 23 1400 PSI
				3:10 24 1400 PSI
				3:15 25 1400 PSI
				3:20 26 1400 PSI
				3:25 27 1400 PSI
				3:30 28 1400 PSI
				3:35 29 1400 PSI
				3:40 30 1400 PSI
				3:45 31 1400 PSI
				3:50 32 1400 PSI
				3:55 33 1400 PSI
				4:00 34 1400 PSI
				4:05 35 1400 PSI
				4:10 36 1400 PSI
				4:15 37 1400 PSI
				4:20 38 1400 PSI
				4:25 39 1400 PSI
				4:30 40 1400 PSI
				4:35 41 1400 PSI
				4:40 42 1400 PSI
				4:45 43 1400 PSI
				4:50 44 1400 PSI
				4:55 45 1400 PSI
				5:00 46 1400 PSI
				5:05 47 1400 PSI
				5:10 48 1400 PSI
				5:15 49 1400 PSI
				5:20 50 1400 PSI
				5:25 51 1400 PSI
				5:30 52 1400 PSI
				5:35 53 1400 PSI
				5:40 54 1400 PSI
				5:45 55 1400 PSI
				5:50 56 1400 PSI
				5:55 57 1400 PSI
				6:00 58 1400 PSI
				6:05 59 1400 PSI
				6:10 60 1400 PSI
				6:15 61 1400 PSI
				6:20 62 1400 PSI
				6:25 63 1400 PSI
				6:30 64 1400 PSI
				6:35 65 1400 PSI
				6:40 66 1400 PSI
				6:45 67 1400 PSI
				6:50 68 1400 PSI
				6:55 69 1400 PSI
				7:00 70 1400 PSI
				7:05 71 1400 PSI
				7:10 72 1400 PSI
				7:15 73 1400 PSI
				7:20 74 1400 PSI
				7:25 75 1400 PSI
				7:30 76 1400 PSI
				7:35 77 1400 PSI
				7:40 78 1400 PSI
				7:45 79 1400 PSI
				7:50 80 1400 PSI
				7:55 81 1400 PSI
				8:00 82 1400 PSI
				8:05 83 1400 PSI
				8:10 84 1400 PSI
				8:15 85 1400 PSI
				8:20 86 1400 PSI
				8:25 87 1400 PSI
				8:30 88 1400 PSI
				8:35 89 1400 PSI
				8:40 90 1400 PSI
				8:45 91 1400 PSI
				8:50 92 1400 PSI
				8:55 93 1400 PSI
				9:00 94 1400 PSI
				9:05 95 1400 PSI
				9:10 96 1400 PSI
				9:15 97 1400 PSI
				9:20 98 1400 PSI
				9:25 99 1400 PSI
				9:30 100 1400 PSI

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

TREATMENT RATE	
BREAKDOWN BPM	RECEIVED
INITIAL BPM	KANSAS CORPORATION COMMISSION
FINAL BPM	OCT 25 2007
MINIMUM BPM	CONSERVATION DIVISION
MAXIMUM BPM	WICHITA, KS
AVERAGE BPM	
HYD HHP = RATE X PRESSURE X 40.8	

AUTHORIZATION TO PROCEED

TITLE

DATE

3:30