# KANSAS CORPORATION COMMISSION ORIGINAL 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	API No. 15 - 023 -20758 -60-60
Name: Noble Energy, Inc.	County: Cheyenne
Address: 1625 Broadway, Suite 2000	SE -NE - Sec. 15 Twp. 3 S. R. 42 East West
City/State/Zip: Denver, CO 80202	1980' feet from S / N (circle one) Line of Section
Purchaser: Bittercreek Pipeline	680' feet from E W (circle one) Line of Section
Operator Contact Person: Joe Mazotti	Footages Calculated from Nearest Outside Section Corner:
Phone: (303) 228-4223	(circle one) NE SE NW SW
Contractor: Name: Excell Services Inc., Wray, CO	Lease Name: Rueb Farm Well #: 42-15
License: 8273	Field Name: Cherry Creek
Wellsite Geologist: none	Producing Formation: Niobrara
Designate Type of Completion:	Elevation: Ground: 3703' Kelly Bushing: 3709'
New Well Re-Entry Workover	Total Depth: 1700' Plug Back Total Depth: 1644'
Oil SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at 308', cmt w/ 109 sx Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used?
Dry Other (Core, WSW, Expl., Cathodic, etc)  If Workover/Re-entry: Old Well Info as follows:	If yes, show depth setFeet
n la	If Alternate II completion, cement circulated from n/a
	feet depth to
Well Name:Original Total Depth:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)  12-19-07
Deepening Re-perf Conv. to Enhr./SWD	Chloride content ppm Fluid volume bbls
Plug Back Plug Back Total Depth	Dewatering method used
Commingled Docket No.	•
Dual Completion Docket No	Location of fluid disposal if hauled offsite:
Other (SWD or Enhr.?) Docket No	Operator Name:
·	Lease Name: License No.:
9/15/2007 9/16/2007 10/1/2007 Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R East West
Recompletion Date Recompletion Date	County: Docket No.:
Kansas 67202, within 120 days of the spud date, recompletion, workove Information of side two of this form will be held confidential for a period of 1	the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, er or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. 12 months if requested in writing and submitted with the form (see rule 82-3- and geologist well report shall be attached with this form. ALL CEMENTING . Submit CP-111 form with all temporarily abandoned wells.
All requirements of the statutes, rules and regulations promulgated to regulaterin are complete and correct to the best of my knowledge.	ate the oil and gas industry have been fully complied with and the statements
Signature:	KCC Office Use ONLY
Title: Regulatory Analyst Date:11/14/2007	Letter of Confidentiality Received
Subscribed and sworn to before me this 10 day of NIVEMBER	If Denied, Yes Date:
A. A	Wireline Log Received RECEIVED
TOW TO	ARY Geologist Report Received KANSAS CORPORATION COMMIS
Notary Public: fine land	BLIC ON UIC Distribution NOV 2 6 2007
Date Commission Expires:	COLONSERVATION DIVISION WICHITA, KS

Well #: 42-15 Rueb Farm Noble Energy, Inc. Lease Name: Operator Name: Sec.\_\_15 Chevenne S. R. 42 East West County: 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. **✓** Log Formation (Top), Depth and Datum Sample **Drill Stem Tests Taken** Yes ✓ No (Attach Additional Sheets) Top Datum Name No Samples Sent to Geological Survey Yes Niobrara 1498 Cores Taken Yes **✓** No Electric Log Run ✓ Yes No (Submit Copy) List All E. Logs Run: CASING RECORD ✓ New Used Report all strings set-conductor, surface, intermediate, production, etc. Size Hole Size Casing Weight Setting Type of # Sacks Type and Percent Purpose of String Lbs. / Fi Drilled Set (In O.D. Depth Used Additives Surface 9 1/4" 308 50/50 POZ 109 17 Lbs./Ft. 3% CaCl. .25% Flo-cele Production 6 1/4" 4 1/2" 9.5 Lbs./Ft. 1690 55 12%geł, 2%CaCl, .25 Flo-cele Lead, Type III Tail. 50/50 POZ 75 3%CaCl. .25% flo-cele ADDITIONAL CEMENTING / SQUEEZE RECORD Depth Type of Cement **#Sacks Used** Type and Percent Additives Top Bottom Perforate **Protect Casing** Plug Back TD Plug Off Zone PERFORATION RECORD - Bridge Plugs Set/Type Acid, Fracture, Shot, Cement Squeeze Record Shots Per Foot Specify Footage of Each Interval Perforated (Amount and Kind of Material Used) Depth 3 spf Perf. Niobrara interval from 1500' to 1546', 1546', 1556, 1566' Niobrara frac'd with 500 gals 7.5% HCL acid, 12,000 gals of (49', 3spf, 147 holes). 0.41"EHD, 120 degree phase. 25% CO2 foamed gel pad; 30,976 gals 25% CO2 foamed gel carrying 100,020 lbs 16/30 sand. AIP-700psi; AIR-21 bpm. **TUBING RECORD** Set At Liner Run Packer At [ ] Yes ☑ No Date of First, Resumerd Production, SWD or Enhr. **Producing Method** Flowing Pumping Gas Lift Other (Explain) 11/6/2007 **Estimated Production** Water Gas-Oil Ratio Oil Bbls. Gas **Bbls** Gravity Mcf Per 24 Hours 0 95 METHOD OF COMPLETION Disposition of Gas Production Interval Vented Sold Used on Lease Dually Comp. Open Hote ✔ Perf. Commingled (If vented, Submit ACO-18.) Other (Specify)

#### BISON OIL WELL CEMENTING, INC. KANSAS CORPORATION COMMISSION

P.O. Box 2223 • Gillette, WY 82717-2223 Phone: 307-682-9044 Fax: 307-682-9056

E-mail: bisonoil@vcn.com



#### **RECEIVED**

#### NOV 2 6 2007

CONSERVATION DIVISION WICHITA, KS

TREATMENT REPORT

LOCATION Sr. Francis
FOREMAN Dovel E.

9.25.67 CUSTOMER ACCT # Rueb for # 16	OTRIOTR SINS	SECTION TWP		OUNTY	FORMATION
CHARGE TO EXCELL Services		OWNER		······································	
MAILING ADDRESS		OPERATOR			
CITY	99 <del>92-91-91-91-91-91-9-9-9-9-9-9-9-9-9-9-9-</del>	CONTRACTOR M. P.	·		
STATE ZIP CODE		DISTANCE TO LOCATION 70			
TIME ARRIVED ON LOCATION WELL DATA		TIME LEFT LOCATION	575		
HOLE SIZE 9 %			TYPE OF TRE	ATMENT	
TOTAL DEPTH 3/0			· · · · · · · · · · · · · · · · · · ·		
CASING SIZE 7"		SURFACE PIPE		[ ] ACIE	BREAKDOWN
CASING DEPTH JO>		[ ] PRODUCTION C.	ASING	[ ] ACIE	STIMULATION
CASING WEIGHT		[ ] SQUEEZE CEME	NT	-	SPOTTING
CASING CONDITION		[ ] PLUG & ABANDO		[]FRA	
TUBING SIZE		[ ] PLUG BACK			C + NITROGEN
TUBING DEPTH		[] MISC PUMP			
TUBING WEIGHT				[]FOA	•
TUBING CONDITION		[]OTHER		[ ] NITE	OGEN
PACKER DEPTH					
•		PRESSURE LIMITATIONS			
PERFORATIONS		SURFACE PIPE	THEORE	TICAL	INSTRUCTED
SHOTS/FT OPEN HOLE		ANNULUS LONG STRING	<del> </del>		
		TUBING			
TREATMENT VIA					
NSTRUCTIONS PRIOR TO JOB	····				
			electrical with the local discrete transfer was been a personal property.		
	JOB SUMM	ARY			
DIESCRIPTION OF JOB EVENTS Sofely Meeting	MIRU Cir	SBH HOD Mix	Pump la	2.Bbb/	1095ts @15.
Sisp 112 NAIS MOO Shut Clear	up KDMC	)			
			····		
5 to Pit					
PRESSURE SUMMARY			TOCATAIRS	T DATE	
			TREATMEN	HAIL	
REAKDOWN or CIRCULATING INAL DISPLACEMENT	psi psi	BREAKDOWN BPM INITIAL BPM			
NNULUS	psi	FINAL BPM			
MUMIXAI MUMIMIN	psi psi	MINIMUM BPM			
VERAGE	osi	MAXIMUM BPM AVERAGE BPM	······································		
SIP MIN SIP	psi				
5 MIN SIP/	psi	HYD HHP = RATE X PRES	SURE X 40 A		
AUTHORIZATION TO PROCEED	TIT	<u> </u>		DATE	
& romy with					-45
				9-15	

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### NOV 2 6 2007

CONSERVATION DIVISION WICHITA, KS

TREATMENT REPORT

LOCATION St. Francis
FOREMAN David

9-16-07 Rueb Form 42-15 SI	RIQTR SECTION TWP RGE UL 1.5 35 42W C	COUNTY FORMATION		
CHARGE TO Excell Services	OWNER			
MAILING ADDRESS		OPERATOR		
XITY				
	<u> </u>			
	DISTANCE TO LOCATION 70			
TIME ARRIVED ON LOCATION 900pm WELL DATA	TIME LEFT LOCATION 2304	ton_		
HOLE SIZE 6/4	TYPE OF T	REATMENT		
TOTAL DEPTH 1700				
CASING SIZE 41/2	[ ] SURFACE PIPE	[ ] ACID BREAKDOWN		
CASING DEPTH /689	PRODUCTION CASING	[ ] ACID STIMULATION		
CASING WEIGHT				
CASING CONDITION	[ ] SQUEEZE CEMENT	[ ] ACID SPOTTING		
	[ ] PLUG & ABANDON	[]FRAC		
TUBING SIZE	[ ] PLUG BACK	[ ] FRAC + NITROGEN		
TUBING DEPTH	[] MISC PUMP	[ ] FOAM FRAC		
TUBING WEIGHT	[]OTHER	• •		
UBING CONDITION	( ) Onleh	[ ] NITROGEN		
ACKER DEPTH	PRESSURE LIMITATIONS			
PERFORATIONS				
		PRETICAL INSTRUCTED		
SHOTS/FT	SURFACE PIPE			
PEN HOLE	SURFACE PIPE ANNULUS LONG STRING TUBING			
SHOTS/FT DPEN HOLE TREATMENT VIA NSTRUCTIONS PRIOR TO JOB Pump 30 661 Much Fla	ANNULUS LONG STRING TUBING	P. B. B. Land, 75 sk/ 8.5		
PER HOLE  REATMENT VIA  INSTRUCTIONS PRIOR TO JOB Pump 30 Bb/ Much Fla  Tol, Drop plug, cleanout hose, Disp 26  JOB	ANNULUS LONG STRING TUBING  ASh, Mixo Pump 555ks/18  Bbl. Bump plag to 1500,			
PERATMENT VIA  NETRUCTIONS PRIOR TO JOB Pump 30 Bb/ Much Fla  Tol, Drop plug, clean out hose, Disp 26  DESCRIPTION OF JOB EVENTS Safefy Meeting, M  SS SKS Lead @ 12.5 Mgal 755K5/  Hose, Disp 26 Bb/ #20 Bump al	ANNULUS LONG STRING TUBING  USh Mixo Pump 555Ks/18  Bbl. Bump play to 1500p	Mix & Pump 18Bh Dropped plug Cla Pheckarl & Hefel,		
PERATMENT VIA  NETRUCTIONS PRIOR TO JOB Pump 30 Bb/ Much Fla  Tol, Drop plug, clean out hose, Disp 26  DESCRIPTION OF JOB EVENTS Safefy Meeting, M  SS SKS Lead @ 12.5 Mgal 755K5/  Hose, Disp 26 Bb/ #20 Bump al	ANNULUS LONG STRING TUBING  USh Mixo Pump 555Ks/18  Bbl. Bump play to 1500p  SUMMARY  MIRIA CICC 30 Mucliflush  S.5 Bbb Tail 0/5025ep  1500 ps; waited 2 min. (	Mix & Pump 18Bl Dropped plug Cla heckarl & Held,		
PERATMENT VIA  INSTRUCTIONS PRIOR TO JOB Pump 30 Bb/ Much Fla  Tol, Drop plug, clean out hose, Disp 26  JOB  DESCRIPTION OF JOB EVENTS Safefy Mosting M  STARS Lead @ 12.5 #ga/ 755K5/  Wase Disp 26 Bb/ #120 Bump of  Clean up RDMO  4 to Pit Started @ 120	ANNULUS LONG STRING TUBING  USA, Mixo Pump 555Ks/18  Bbl. Bump plag to 1500p  SUMMARY  MIRIL CIrc 30 Much Plush 3,5 Bbb Tail B/ \$,376cp  1500 ps; waited 2 min. (  Am DP & 140 Bumped  Opsi	Mix & Pump 18Bl Dropped plug Cla Thecked & Held, @ 155		
PREATMENT VIA  INSTRUCTIONS PRIOR TO JOB Pump 30 Bbl Much Fla  Tail, Drop plup, clean out hose, Disp 26  JOB  ESCRIPTION OF JOB EVENTS Saloky Mosking Mass, Disp 26 Bbl \$120 Bump of Clean up RDMO  4 to Pit Storkel 0 120  PRESSURE SUMMARY	ANNULUS LONG STRING TUBING  USA, Mixo Pump 555Ks/18  Bbl. Bump play to 1500p  SUMMARY  MIRIA CIRC 30 Much flush Sys Bbb Tail 0 1500 psp  1500 psi waited 2min. C  Am DP & 140 Bumped  Opsi  TREATM	Mix & Pump 18Bh Dropped plug Cla Pheckarl & Hefel,		
REATMENT VIA  INSTRUCTIONS PRIOR TO JOB Pump 30 Bb/ Much Fla  Instructions prior to Job Pump 30 Bb/ Much Fla  Instructions prior to Job Pump 30 Bb/ Much Fla  JOB  ESCRIPTION OF JOB EVENTS Salety Meeting, March  Instruction of Job Events Salety Meeting, March  Start Lead @ 12.5 Had Supp Act  Clean up RDMO  4 to P.t. Started @ 120  PRESSURE SUMMARY  REAKDOWN of CIRCULATING psi	ANNULUS LONG STRING TUBING  Sh Mixo Pump 55sks/18  Bbl. Bump plag to 1500p  SUMMARY  SUMMARY	Mix & Pump 18Bh Dropped plug Cla Thecked o Held, @ 155		
PRESSURE SUMMARY  REATMENT VIA  NETRUCTIONS PRIOR TO JOB Pump 30 Bb/ Much Flo  JOB  JOB  JOB  JOB  JOB  JOB  JOB  JO	ANNULUS LONG STRING TUBING  USA, Mixo Pump 555Ks/18  Bbl. Bump play to 1500p  SUMMARY  MIRIA CIRC 30 Much flush Sys Bbb Tail 0 1500 psp  1500 psi waited 2min. C  Am DP & 140 Bumped  Opsi  TREATM	Mix & Pump 18Bh Dropped plug Cla Thecked & Held, @ 155		
REATMENT VIA  INSTRUCTIONS PRIOR TO JOB Pump 30 Bb/ Much Flow  JOB  ESCRIPTION OF JOB EVENTS Salofo Monting Marked Disp 26 Bb/ \$120 Bupp per 1  Clean up RDMO  4 fo P. + Starfed 0 /20  PRESSURE SUMMARY  REAKDOWN OF CIRCULATING psi INDICES  PSI INDICES  REAKDOWN OF CIRCULATING psi INDICES  AXIMUM psi	ANNULUS LONG STRING TUBING  ISH, MixoPump 555Ks/18  Bbl. Bump play to 1500p  SUMMARY  IRIA CIC 30 Aucl Flush 3.5 Bbb. Toil 0 / B. 2 % ex  1500 ps; waited 2 min. C  Am DPO 140 Bumped  Opsi  BREAKDOWN BPM INITIAL BPM MINIMUM BPM  MINIMUM BPM MINIMUM BPM	Mix & Pump 18Bh Dropped plug Cla Thecked & Held, @ 155		
REATMENT VIA  INSTRUCTIONS PRIOR TO JOB Pump 30 Bb/ Much Flag  JOB  ESCRIPTION OF JOB EVENTS Salety Meeting M  SSAS Lead @ 12.5 4 gal 755 kg/  Clean up RDMO  PRESSURE SUMMARY  REAKDOWN of CIRCULATING INAL DISPLACEMENT  PSI  INNULUS  INNU	ANNULUS LONG STRING TUBING  Sh Mixo Pump 55sks/18  Bbl. Bump plag to 1500p  SUMMARY  SUMMARY	Mix & Pump 18Bh Dropped plug Cla Thecked o Held, @ 155		
PRESSURE SUMMARY  REATMENT VIA  INSTRUCTIONS PRIOR TO JOB Pump 30 Bb/ Much F/L  JOB  JOB  ESCRIPTION OF JOB EVENTS Salofo Montine //  STAS Lead @ /2,5 //  MOSE DISA 26 Bb/ \$120 Bump &/  Clean up RDMO  4 for for Starfed 0 /20  PRESSURE SUMMARY  REAKDOWN of CIRCULATING psi INAL DISPLACEMENT psi INAL DISPLACEM	ANNULUS LONG STRING TUBING  ISH, MixoPump 555Ks/18  Bbl. Bump play to 1500p  SUMMARY  IRIA CIC 30 Aucl Flush 3.5 Bbb. Toil 0 / B. 2 % ex  1500 ps; waited 2 min. C  Am DPO 140 Bumped  Opsi  BREAKDOWN BPM INITIAL BPM MINIMUM BPM  MINIMUM BPM MINIMUM BPM	Mix & Pump 18Bh Dropped plug Cla Thecked & Held, @ 155		
PRESSURE SUMMARY  REATMENT VIA  NSTRUCTIONS PRIOR TO JOB Pump 30 Bb/ Much Flat  JOB  JOB  ESCRIPTION OF JOB EVENTS Salofo Mooting Mosting Mosting Mosting Mosting Mosting Mosting Mosting Most Disp 26 Bb/ \$120 Bump & 1  Clean up RDMO  4 to Pit Started 0 120  PRESSURE SUMMARY  REAKDOWN OF CIRCULATING psi INAL DISPLACEMENT psi INVILUS INAL DISPLACEMENT psi INXIMUM psi INIMUM psi	ANNULUS LONG STRING TUBING  Sh. Mix o Pump 555Ks/18  Bbl. Bump play to 1500p  SUMMARY  AN CIC 30 Much flush  3.5 Bbb. Toil 0 / 5.2 Jap  1500 psi maited 2 min. (  Am DPB 140 Bumped  Opsi  BREAKDOWN BPM INITIAL BPM MINIMUM BPM MAXIMUM BPM MAXIMUM BPM AVERAGE BPM	Mix & Pump 1886 Dropped plug Cla hecked & Hold, @ 155		
PRESSURE SUMMARY  REATMENT VIA  INSTRUCTIONS PRIOR TO JOB Pump 30 Bb/ Much F/L  JOB  JOB  ESCRIPTION OF JOB EVENTS Salofo Montine //  STAS Lead @ /2,5 //  MOSE DISA 26 Bb/ \$120 Bump &/  Clean up RDMO  4 for for Starfed 0 /20  PRESSURE SUMMARY  REAKDOWN of CIRCULATING psi INAL DISPLACEMENT psi INAL DISPLACEM	ANNULUS LONG STRING TUBING  Sh Mixo Pump 55sks/18  Bbl. Bump plag to 1500p  SUMMARY  SUMMARY	Mix & Pump 1886 Dropped plug Cla hecked & Hold, @ 155		