

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License #33190	API No. 15 - 023-21225-00-00
Name: Noble Energy, Inc.	Spot Description:
Address 1:1625 Broadway, Suite 2200	SE_NE_SW_SW Sec. 5 Twp. 4 S. R. 41 East West
Address 2:	960 Feet from □ North / ✓ South Line of Section
City: Denver State: CO Zip: 80202 +	1,120 Feet from East / West Line of Section
Contact Person: Jennifer Barnett	Footages Calculated from Nearest Outside Section Corner:
Phone: (303) 228-4342	□ NE □NW □SE ☑SW
CONTRACTOR: License #_8273	County: Cheyenne
Name: Excell Services, Inc.	Lease Name: Wiese Well #: 14-5
Wellsite Geologist:	Field Name: Cherry Creek Niobrara Gas Area
Purchaser: Kinder Morgan KCC WICHITE	Producing Formation: Niobrara
Designate Type of Completion:	Elevation: Ground: 3584' Kelly Bushing: 3590'
✓ New Well Re-Entry Workover	Total Depth: 1634' Plug Back Total Depth: 1589'
□ Oil □ WSW □ SWD □ SIOW	Amount of Surface Pipe Set and Cemented at: set @ 221' w/ 100 sx Feet
☑ Gas ☐ D&A ☐ ENHR ☐ SIGW	Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
☐ OG ☐ GSW ☐ Temp. Abd.	If yes, show depth set: Feet
CM (Coal Bed Methane)	If Alternate II completion, cement circulated from:
Cathodic Other (Core, Expl., etc.):	feet depth to:w/sx cmt.
If Workover/Re-entry: Old Well Info as follows:	
Well Name:Original Total Depth:Original Total Depth:	Drilling Fluid Management Plan (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: License #:
ENHR	QuarterSecTwpS. R East West
GSW Permit #:	County: Permit #:
8/25/2010 8/26/2010 9/16/2010	
Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date	
Kansas 67202, within 120 days of the spud date, recompletion, workover or c of side two of this form will be held confidential for a period of 12 months if rec	the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, onversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information quested in writing and submitted with the form (see rule 82-3-107 for confidenell report shall be attached with this form. ALL CEMENTING TICKETS MUST rm with all temporarily abandoned wells.
AFFIDAVIT	KCC Office Use ONLY
I am the affiant and I hereby certify that all requirements of the statutes, rules and lations promulgated to regulate the oil and gas industry have been fully complied and the statements herein are complete and correct to the best of my knowledge.	regu- d with Letter of Confidentiality Received

Date: 10/11/10

Title: Regulatory Analyst

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Geologist Report Received

ALT X | | | | | | | | | | | Approved by: \(\sum_{\chi} \chi_{\chi} \)

UIC Distribution



Side Two

Operator Name: No	ble Energy, Inc.	Lease N	Name: _	Wiese	Well #:14	-5			
Sec. 5 Twp.4	s. R. <u>41</u>	☐ East			eyenne				
time tool open and cl	osed, flowing and shi tes if gas to surface to	nd base of formations pout-in pressures, whether est, along with final chard well site report.	shut-in press	sure rea	ched static level,	hydrostatic pr	essures, bottom	hole temp	erature, fluid
Drill Stem Tests Take (Attach Additional		Yes No		 ✓L	og Formatio	n (Top), Depth	and Datum		Sample
Samples Sent to Geo	ological Survey	☐ Yes ✓ No		Nam Niobra	-		Top 1422'	I	Datum
Cores Taken Electric Log Run Electric Log Submitte (If no, Submit Cop	•	Yes No Yes No Yes No		Niobie	ara				
List All E. Logs Run: Triple Combo, A CBL/VDL/GR/C	AIL, CNLD, Cer CCL	ment Volume,							
			G RECORD	✓ Ne		on oto			
Purpose of String	Size Hole Drilled	Report all strings se Size Casing Set (In O.D.)	Weig	ght	Setting Depth	Type of Cement	# Sacks Used		and Percent
Surface	9-7/8"	7"	23#		221'	50/50 POZ	100 sx	3% CaCl, 2	% Gel, .25% Flo-Cel
Production	6-1/4"	4-1/2"	11.6#		1632'	50/50 POZ	43 sx	12% G	iel, 2% CaCl
						50/50 POZ	56 sx	2% Gel	I, 1% CFL-80
		ADDITION	AL CEMENTIN	NG / SQL	JEEZE RECORD	.,			
Purpose: Depth Top Bottom Perforate Protect Casing		Type of Cement	# Sacks	Used	Type and Percent Additives				
Plug Back TD Plug Off Zone									
Shots Per Foot		ION RECORD - Bridge Pli Footage of Each Interval P			Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) D				
3 SPF	Perf Niobrara inte	erval from 1422'-1472		•••	Niobrara Frac'd	with 500 gals 7	.5% HCL acid, 17,0	00 gals of	
	(50', 3spf, 150 ho	oles) .41" EHD, 120 d	egree phase	ree phase 30% CO2 foamed gel pad, 44,4				484 gals of 30% CO2 foamed gel,	
					carrying 100,100	lbs 16/30 AZ, and	and 40,140 lbs 12/20 Daniels sand.		
					Avg. Psi: 61	9 psi, Avg. Fl	l. Rate: 10.7 bp	m.	
TUBING RECORD:	Size:	Set At:	Packer At	t:	Liner Run:	Yes 🗸	No		
Date of First, Resumed	Production, SWD or En	NHR. Producing Me ✓ Flowing	ethod:	g 🔲	Gas Lift 🔲 C	Other (Explain)			
Estimated Production Per 24 Hours	Oil	Bbls. Gas	Mcf 105	Wat		bls.	Gas-Oil Ratio		Gravity
l	ION OF GAS:	Open Hole	METHOD OF ✓ Perf.			nmingled	PRODUCTI	ON INTER	VAL:
Vented ✓ Sole (If vented, Su	d Used on Lease ubmit ACO-18.)	Other (Specify)	ا ۱۹۱۰ است	(Submit		mit ACO-4)			

Well Cementing, Inc.

1738 Wynkoop St., Ste. 102 Denver, Colorado 80202 Phone: 303-296-3010 Fax: 303-298-8143

E-mail: bisonoil1@gwest.net

REF. INVOICE II 9/45

LOCATION Chevenine Cols

FOREMAN Justin Cinkland

TR	EA	MTA	Λl	F١	JT	R	F	P	O	R	T

15.01/2 \ h)	1850 1L	WELL HAME		SECTION	1WP	111E	COUNTY	FIBMATION			
The State Control of the Control of		7-5				1700	Cheyenne				
MILE TO EXE #11	-4441		TO 100	ow)	ICR	According to the control of the cont					
STATE SIL CODE FOUND VIOLE SIL CODE				orti	OPERATOR CONTRACTOR No Gie DISTANCE TO LOCATION 65						
				con							
				1857							
IME ARRIVED ON LOCATION	0,20			111/16	LEFT LOCATION //						
7 71	WELL	DATA				PRESSURE	LIMITATIONS				
HE 512E 9 78	100m6 St/I		PEHFORATIONS			THEOF	ORETICAL INSTRUCTED				
01A 04PH 227	THROUGHEPTH		SH01S/FT	SURF	STRING						
and the second s	FORING METCH	······	OPEN HOLE	STREE							
ASING SIZE Z	THRING CONDITIO	N		TUBIN	/G						
ASHING DEPTH 22 /	PB 181		TREATMENT VIA		TYPE OF TREATMENT		TREATMENT RATE				
ASING WEIGHT 2023	PACKER DEPAR	 		KIS	LIRFACE PIPE		BREAKDOWN BPM				
ISING CONDITION S acd			<u></u>	1 1P	RODUCTION CASING	·	INITIAL OPAN				
de la constanta de la constant	PRESSURE	SUMMARY			OEEZE CEMENT		FINAL RPM	FINAL RPM			
REAKDOWN OF CIRCUITATING (C	· .	AVERAGE	psi	14	CID BREAKDOWN		MINIMUM BPM				
nai displacement de		<u> </u>	μsi	A	CID STIMULATION		махімим прм				
mortes pe	· .	5 Min Gib	pu	LIA	CID SPOTTING	-	AVERAGE RPM				
AXIMUMA ps	51	15 MM Sir	DSI	[] M	MISC PUMP						
MIMIM IR	și .			[] 0	THER	1	HYO HHP = NATE X PRESSURE X 40.8				
7079x 113 0	15 7100	Teg. Yi	78 Displa	ce 7	bills of	H20 51	ite Tyield I.I.				
mulus, 2647	Cap	acity is	100 sks 10	ic 45 p	oer Mark	Zion	Lutin				
	cep is MIR	acity is	100 sks 10	ic 45 p	ner Mark MHP 10:59	Displace 11104 RECEIVE	e shui				
Mulus, 2647 B SUMMARY SCRIPTION OF JOB EVEU	C=P 15 MIR 10'20	acity is	100 sks 10	ic 45 p	n+P 10:59	Displace 11:04 RECEIVED	e shur 11:09				
Mulus, 2647 B SUMMARY SCRIPTION OF JOB EVEU	cep is MIR	acity is	100 sks 10	ic 45 p	n+P 10:59	Displace 11104 RECEIVE	e shur 11:09				
Mulus, 2647 B SUMMARY SCRIPTION OF JOB EVEU	C=P 15 MIR 10'20	acity is	100 sks 10	ic 45 p	n+P 10:59	Displace 11:04 RECEIVED	e shur 11:09				

CEMENTING, INC.

Jakoop St., Sie. 102

Jerr, Colorado 80202

Phone: 303-296-3010

Fax: 303-298-8143

F-mail: bisonailt@avertage

E-mail; bisonoil1@qwest.net

REF. INVOICE #___ LOCATION ST FRANCIS FOREMAN MATT

TREATMENT REPORT

DATE				TION	TWP	RGE	COUNT		****			
5-26-10 W	iese_	19-3	>			45	14/w	CHe4e	MINO			
HANGIO EXCELL						OWNER MOBILE.						
MANUME AUDORESS					OPERATOR							
dir					CONTRAC	ion Exce	IL Ri	<u> </u>				
STATE ZIP CODE					DISTANCE	TO LOCATION 6	5	The state of the s				
DAE AHRIVED ULLOCATION 4:30 A					TIME LEFT	LOCATION 7:	30		and the second s			
WELL DATA				1		PRESSURE	IMITATIONS					
HOLE SIZE 6/4	TUBING SIZE	E PERFORATIONS			THEOR			RETICAL INSTRUCTED				
10 FAIL DEPTH 1434	INBING DEPTH	SH01S/FT			SURFACE PIPE ANNULUS LONG				-			
	TUBING WEIGHT	OPEN HOLE			STRING							
MASING SIZE 4/2	TUBING COMULT	DN			TUBING							
CASING DEPTH 1630	PB 1.5	<u>89</u>	IRFATMENT VIA			TYPE OF TREATA	MENT	TRE	ATMENT RATE	-1		
CASING WEIGHT 11.6	PACKER DEPTH				SUNFA	CE PIPE		BREAKDOWN BPM				
DASING CONDITION G.OOG					+ †PRODU	JCTION CASING		IMITAL BPM				
	PRESSURE	SUMMARY			SOEEZ	E CEMENT		FINAL BPM		_		
HREAKOOWH OF CIRCULATING	1	AVERAGE	psi		[] ACID B	REAKDOWN		MINIMUM RPM				
FRIM DISPLACEMENT - DE	d	IS#	psi		[] ACID \$	TIMULATION		МАХІМИМ ВРМ				
ATHUL (15) ps	vi	5 MH SIP	psi		1 JACID S	POTTING		AVERAGE BPM				
MAXIMINI pe	,	15 MIN SIP	μsi		MSC PUMP			1				
MIRRIM ps	i i				OTHER			HYD HIP # RATE X PRESSURE X 40.8				
INSTRUCTIONS PRIOR TO JO	B Mill	/ 5 m	CIRC	n	10-P :	43 SK	N Gella	a-/d	1B GAI			
HAURER 15.6 KAI PERJOK 16 MIN OF B6 LITE = 13.8 165 FER GAI. HA 4iel O OF 1.35 CUFT/PERSK ORDP AMULOS, 1026 CAP. 0155 JOB SUMMARY DESCRIPTION OF JOB EVENTS. M. 90 SM CIRC				Plus BCE	Dis. Dis. ess g	02 9.7 LAM 292 S PER MeP P	GALLOAS G GANCY 1 2090 NOPPING	en/sk "lus Ri PisP	13 Bed Mix 6 POWN . LANd Plus			
7:30	4:30	A 6:4	5 6:50	<u>6:5</u>) 6	5.59	7:06	7:09	7:30			
7 BBIS CEMENT TO PIT 1500 LAND PLUS AT					RECEIVED							
					OCT 1 4 2010							
					KCC WICHITA							
					majdd), a'ryda reildaeth a gailleann a		··					
	TO PROCEED		Are /c/	TIT k arder, incl	LE C) out handation, the provis	sions on the reverse	DAY	TE clude the release and indemnit	····		