ORIGINAL

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 - 023-21226-00-00
Name: Noble Energy, Inc.	Spot Description:
Address 1:1625 Broadway, Suite 2200	SE_NE_NE_SW Sec. 5 Twp. 4 S. R. 41 East West
Address 2:	2,210 Feet from ☐ North / ✓ South Line of Section
City: Denver State: CO Zip: 80202 +	2,540
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. OCT 1 & 2010	Lease Name:Wiese Well #:
Wellsite Geologist:	Field Name: Cherry Creek Niobrara Gas Area
Purchaser: Kinder Morgan KCC WICHITA	Producing Formation: Niobrara
Designate Type of Completion:	Elevation: Ground: 3531' Kelly Bushing: 3537'
	Total Depth: 1530' Plug Back Total Depth: 1467'
☐ 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:	·
Operator:	Drilling Fluid Management Blon
Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth:	Chloride content: ppm Fluid volume: bbls
☐ Deepening ☐ Re-perf. ☐ Conv. to ENHR ☐ Conv. to SWD ☐ Conv. to GSW	Dewatering method used:
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #:	Operator Name:
Dual Completion Permit #:	
SWD Permit #:	Lease Name: License #:
ENHR Permit #:	Quarter Sec TwpS. R East West
GSW Permit #:	County: Permit #:
8/27/2010 8/28/2010 9/20/2010	
Spud Date or Date Reached TD Completion Date or Recompletion Date	
INSTRUCTIONS: An original and two copies of this form shall be filed with Kansas 67202, within 120 days of the spud date, recompletion, workover or copies of side two of this form will be held confidential for a period of 12 months if requiality in excess of 12 months). One copy of all wireline logs and geologist we BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 for	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 confidential report shall be attached with this form. ALL CEMENTING TICKETS MUST
A PRIN 22 11-	V00.077 0.111/
AFFIDAVIT I am the affiant and I hereby certify that all requirements of the statutes, rules and r 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	With Letter of Confidentiality Received
1/ P. II	Confidential Release Date:
114. 1. * A C. A	I IVI Wiseling Log Pacaivad

Date: 10/11/10

Title: Regulatory Analyst

Geologist Report Received



Side Two

Operator Name: No	ble Energy, Inc.			Lease I	Name: _	Wiese		_ Well #:23	<u>-5</u>	
Sec. 5 Twp.4	s. R. <u>41</u>	East	✓ West		: Chey					
INSTRUCTIONS: Shitme tool open and clorecovery, and flow rate line Logs surveyed. A	osed, flowing and sho es if gas to surface to	ut-in press est, along	ures, whether s with final chart(hut-in pres	sure rea	ched static level,	hydrostatic pres	sures, bottom l	hole temp	erature, fluid
Drill Stem Tests Taker (Attach Additional		Y	es 🗸 No		V L	og Formatio	n (Top), Depth a	nd Datum	:	Sample
Samples Sent to Geo	logical Survey	□ Y	es ☑ No		Nam Niobra			Top 1324'		Datum
Cores Taken Electric Log Run Electric Log Submitte (If no, Submit Cop)	•	□ Y □ Y	es 🗌 No		1110076			1027		
List All E. Logs Run: Triple Combo, A CBL/VDL/GR/C		nent Vo	lume,			,				
				RECORD	✓ Ne					
Purpose of String	Size Hole		ort all strings set-c ze Casing	conductor, su Weig		ermediate, producti Setting	Type of	# Sacks	Туре	and Percent
	Drilled	1	t (In O.D.)	Lbs.	/ Ft.	Depth	Cement	Used		dditives
Surface	9-7/8"	7"		23#		221'	50/50 POZ	100 sx		% Gel, .25% Flo-Cel
Production	6-1/4"	4-1/2"		11.6#		1510'	50/50 POZ	38 sx	12% G	el, 2% CaCl
							50/50 POZ	56 sx	2% Gel	, 1% CFL-80
Purpose:	Depth Top Bottom	Туре	ADDITIONAL e of Cement		# Sacks Used Type and Percent Additives					
Protect Casing Plug Back TD Plug Off Zone										
Shots Per Foot			RD - Bridge Plug Each Interval Per				cture, Shot, Cemer		rd	Depth
3 SPF	erval from 1324'-1384'				Niobrara Frac'd with 500 gals 7.5% HCL acid, 17,000 gals of					
			es) .41" EHD, 120 degree phase			30% CO2 foamed gel pad, 44,927 gals of 30% CO2 for				
						carrying 66,9	40 lbs 16/30 TG	, 33,960 lbs 16	5/30 AZ,	
						and 40,020	lbs 12/20 Danie	els sand.		
						Avg. Psi: 66	5 psi, Avg. Fl. I	Rate: 9.4 bpm	١.	
TUBING RECORD:	Size:	Set At	:	Packer A	At:	Liner Run:	Yes ✓ N)		
Date of First, Resumed	I Production, SWD or El	NHR.	Producing Met	hod:	ng 🗌	Gas Lift (Other (Explain)			
Estimated Production Per 24 Hours	Oil	Bbls.	Gas · ,	Mcf 108	Wat		bls.	Gas-Oil Ratio		Gravity
DISPOSITI	ION OF GAS:		·	METHOD OF	COMPLI	ETION:		PRODUCTI	ON INTER	VAL:
☐ Vented ✓ Sole			_	Perf.	_	/ Comp. Cor	mmingled			
(If vented, Su	ıbmit ACO-18.)		Other (Correll)		(Submit	ACC-OJ (SUB	mit ACO-4)			

ELL CEMENTING, INC.

3 Wynkoop St., Ste. 102 Jenver, Celerario 80202 Phone: 303-296-3010 Fax: 302-298-8143 E-mail: bisonoitVrqwestoffice net LOCATION CLE YOURS CO BS
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TREATMENT REPORT

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JIL WELL CEMENTING, INC.



i738 Wynkoop St., Ste. 102 Denver, Colorado 80202 Phone: 303-296-3010 Fax: 303-298-8143 E-mail: bisonoil1@qwest.net

REF INVOICE #	9152
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ASING SIZE 1/2	THOUSE, COUNTY				-	TYPE OF TREATM	MENT	TREAT	MENT RATE
MERITIN 15/0	PB 146		THEATMENT VIA		() SURI	ACE PIPE		BREAKDOWN BPM	
11.6	PACKER DEPTH		-			DIJETION CASING		INITIAL BIPAT	
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