

Form ACO-1 September 1999 Form Must Be Typed

# WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License #33190	API No. 15 - 181-20546-00-00
Name: Noble Energy, Inc.	County: Sherman
Address: 1625 Broadway, Suite 2200	NE_SW_NE_SW Sec. 1 Twp. 6 S. R. 40 East West
City/State/Zip: Denver, CO 80202	1,900' feet from S/ N (circle one) Line of Section
Purchaser:	1,900' feet from E /(W) (circle one) Line of Section
Operator Contact Person: Jennifer Barnett	Footages Calculated from Nearest Outside Section Corner:
Phone: ( <u>303</u> ) 228-4235	(circle one) NE SE NW (SW)
Contractor: Name: Excell Services Inc., Wray, CO	Lease Name: Billinger Well #: 23-1
License: 8273	Field Name:
Nellsite Geologist: none	Producing Formation: Niobrara
Designate Type of Completion:	Elevation: Ground: 3608' Kelly Bushing: 3614'
New Well Re-Entry Workover	Total Depth: 1561' Plug Back Total Depth: 1505'
Oil SWD \ SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at 381', cmt w/ 158 sx Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used?
Dry Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth setFeet
f Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from n/a
Operator: n/a	fact don'th to
Well Name:	AH 1- Da - 3/26/09
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	Chloride content ppm Fluid volume bbls
Plug Back Plug Back Total Depth	
Commingled Docket No.	Dewatering method used
Dual Completion Docket No	Location of fluid disposal if hauled offsite:
Other (SWD or Enhr.?) Docket No	Operator Name:
9/30/2008 10/1/2008	Lease Name: License No.:
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, workov Information of side two of this form will be held confidential for a period of	
All requirements of the statutes, rules and regulations promulgated to repair are complete and correct to the best of my knowledge.	late (19 joil and les industry have been fully complied with and the statements
Signature: Jumps Durnett :	NOTARY KCC Office Use ONLY
itle: Regulatory Analyst Date: 1/27/09 09:	Letter of Confidentiality Received
Subscribed and sworn to before me this 27 day of JANUAR	If Denied, Yes Date:
0 <u>09</u> , h. ( <del>6</del> )	Wireline Log Received RECEIVED
Memi Say	Geologist Report Received ANSAS CORPORATION COMMISS
totally I dollo.	2010 JAN 2 8 2009
Date Commission Expires: My Commission Expires 09/11/	2010 37410 2 0 2003

Operator Name:	Noble Energy, Inc.		Lease Name:	Billinger		_ Well #: _23-	1
Sec Twp	6S. R. <u>40</u>	East West	County: Sherr	man	·		
tested, time tool ope temperature, fluid re	en and closed, flowing covery, and flow rates	nd base of formations p and shut-in pressures, if gas to surface test, a nal geological well site	whether shut-in pre along with final char	essure reached	static level, hydro	static pressur	es, bottom hole
Drill Stem Tests Take	<del>-</del>	☐ Yes	<b>₽</b> L		tion (Top), Depth a	nd Datum	☐ Sample
Samples Sent to Ge	ological Survey	Yes Vo	Nam <b>N</b> iobi	-		Top 1352'	Datum
Cores Taken Electric Log Run (Submit Copy)		☐ Yes ☑ No ✓ ☑ Yes ☐ No					
List All E. Logs Run:	·						
Triple Combo	(DEN/NEU/IN						
		,	RECORD No		ction, 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.	381'	50/50 POZ	158 sx	3% CaCl, .25% Flo-cele
Production	6 1/4"	4 1/2"	9.5 Lbs./Ft.	1551'	Lead Type III	34 sx	12% Gel, 2% CaCl, .25% Polyflake
					Tail Type III	56 sx	2% Gel, 1% CFL-80
<u></u>		ADDITIONAL	CEMENTING / SQL	JEEZE RECOR	D		
Purpose: Perforate	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives			:
Protect Casing Plug Back TD Plug Off Zone							-
Shots Per Foot	PERFORATION Specify F	ON RECORD - Bridge Plug ootage of Each Interval Per	gs Set/Type forated		acture, Shot, Cement		d Depth
	Waiting on Perfor	rations		Waiting on	Frac		
		·	Let it has				
TUBING RECORD	Size	Set At	Packer At	Liner Run	Yes No		;
Date of First, Resumer	rd Production, SWD or Er	nhr. Producing Met	hod Flowing	p Pump	ing Gas Lift	Othe	er (Explain)
Estimated Production Per 24 Hours	·	Bbls Gas	Mcf :Wate			as-Oil Ratio	Gravity
Disposition of Gas	METHOD OF C	OMPLETION :		Production Inte	erval		
Vented Sold	Used on Lease	Open Hole		ually Comp.	Commingled	· · · · · · · · · · · · · · · · · · ·	

### BISON OIL WELL CEMENTP , INC.



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

Fax: 303-298-8143 E-mail: bisonoli1@qwest.net

( )VOICE #_	A.A ILS		
LOCATION_CA	1. A	Kr	
FOREMAN EC	c. Tony	Shara	

### TREATMENT REPORT

9-30-08 fillinger	WELL NAME 23-/	SE	CTION TWP	AGE 40 W	Sherman	FORMATION		
CHARGETO Exce !!	Serd	100	OWNER					
MAJLING ADDRESS			OPERATOR MARK					
city			CONTRACTOR R 9 2					
STATE ZIP CODE	·		DISTANCE TO LOCATION 7	miles				
TIME ARRIVED ON LOCATION 8:41	Pea 9	8:30	TIME LEFT LOCATION					
	L DATA			PRESSURE L	IMITATIONS			
HOLE SIZE 9 TUBING SIZE		PERFORATIONS		THEOR	ETICAL	INSTRUCTED		
TOTAL DEPTH 356 TUBING DEPTH		SHOTS/FT	SURFACE PIPE ANNULUS LONG					
Sex @ 350 TUBING WEIGHT		OPEN HOLE	STRING					
CASING SIZE 7 TUBING CONDIT	ION	多次的 化基础 医静脉管	TUBING					
CASING DEPTH 374		TREATMENT VIA	TYPE OF TREATM	ENT :	TREATME	NT RATE		
CASING WEIGHT 20 PACKER DEPTH			LA SURFACE PIPE		BREAKDOWN BPM			
CASING CONDITION & A 2	<b>达</b> 特. 4		[ ] PRODUCTION CASING		INITIAL BPM	<b>学校的</b> 是100		
PRESSUR	E SUMMARY		[ ] SOEEZE CEMENT		FINAL BPM			
BREAKDOWN or CIRCULATING gast	AVERAGE	psi	[ JACID BREAKDOWN	त्राज्ञीतः क्षेत्रीयक्षेत्री	MINIMUM BPM			
FINAL DISPLACEMENT psi	issp — — — — —	psi	[ ] ACID STIMULATION		МАХІМІМ ВРМ			
ANNULUS pal	5 MIN SIP	THE PARTY NAMED IN	[ ] ACID SPOTTING		AVERAGE EPM			
MAXIMUM PS	15 MIN SIP	ps	[ ] MISC PUMP					
MINIMUM psi			[ ] OTHER		HYD HHP = RATE X PRESS	URE X 40.8		
NSTRUCTIONS PRIOR TO JOB MER	2 - 1 1		1	مالاك ساء	V.E			
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DESCRIPTION OF JOB EVENTS IN THE	# 35 3	All Metton 9	00 2 don 9:15	M3P 158	sts cont = 9	20/9.45		
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	CONSERV	ATION DIVISION CHITA, KS						
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AUTHORIZATION O PROCEED		Pag C	Œ	9 30	し <sub></sub> が DATE			

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E-mail: bisonoil1@qwest.net

NVOIC	F# 7	97	79		
LOCATION		A	Ks		
FOREMAN_			3.50	Shau	-

			TREATME	NT REPORT			
DATE		WELL NAME	SE	CTION TWP	RGE	COUNT	the first territory of the first
10-1-08 Bil	linger	23-1		6	40	Shern	79.11
CHARGE TO	Exce	11 Sei	Vices	OWNER			
MAILING ADDRESS				OPERATOR No. /			
aty		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		CONTRACTOR R. 6 2			
STATE ZIP CODE		ा का <sub>वि</sub> केट कर है। क		DISTANCE TO LOCATION 7/	mike		
TIME ARRIVED ON LOCATION / (	1:28			TIME LEFT LOCATION			
		L DATA			PRESSURE LI	MITATIONS	
HOLE SIZE 6 14	TUBING SIZE		PERFORATIONS		THEORE	TICAL	INSTRUCTED
TOTAL GEPTH /56/	TUBING DEPTH		SHOTS/FT	SURFACE PIPE ANNULUS LONG			
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BREAKDOWN or CIRCULATING p	<u> </u>	AVERAGE	No.	1 7 ACID BREAKDOWN		MINIMUM BPM	
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MINIMUM				[ ] OTHER		HTU TIMP = MAIC	( PRESSURE X 40.8
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