KANSAS CORPORATION COMMISSION RIGINAL 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 - 023-21171-00-00
Name: Noble Energy, Inc.	County: Cheyenne
Address: 1625 Broadway, Suite 2200	NE -SE - NE - NW Sec. 13 Twp. 2 S. R. 39 East W West
City/State/Zip: Denver, CO 80202	900' feet from S (N)(circle one) Line of Section
Purchaser: Southern Star	feet from E /(W)(circle one) Line of Section
Operator Contact Person: Jennifer Barnett	Footages Calculated from Nearest Outside Section Corner:
Phone: (303) _228-4235	(circle one) NE SE NW SW
Contractor: Name: Excell Services Inc., Wray, CO	Lease Name: Dunbar Well #: 21-13
License: 8273	Field Name: Cherry Creek Niobrara Gas Area
Wellsite Geologist: none	Producing Formation: Niobrara
Designate Type of Completion:	Elevation: Ground: 3312' Kelly Bushing: 3321'
New Well Re-Entry Workover	Total Depth: 1468' Plug Back Total Depth: 1403'
Oil SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at 188', cmt w/ 65 sx Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used? Yes V No
Dry Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth setFeet
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from n/a
Operator: n/a	
Well Name:	sx cmt. Alt 1- Da - 3/25/09
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	, ,
Plug Back Plug Back Total Depth	Chloride content ppm Fluid volume bbls
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:
	Lease Name: License No.:
11/13/2008 11/14/2008 12/5/2008 Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R
Recompletion Date Recompletion Date	County: Docket No.;
INSTRUCTIONS: An original and two copies of this form shall be filed w	
Kansas 67202, within 120 days of the spud date, recompletion, works Information of side two of this form will be held confidential for a period o	over or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. If 12 months if requested in writing and submitted with the form (see rule 82-3- gs and geologist well report shall be attached with this form. ALL CEMENTING Ils Submit CP-111 form with all temporarily abandoned wells.
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Operator Name:	Noble Energy, Inc.		Lease Nan	ne: Dunbar		- Well #: _21-	-13	
Sec. 13 Twp. 2	2S. R. 39	East West	County: C	heyenne			-	
tested, time tool ope temperature, fluid re	en and closed, flowing covery, and flow rates	nd base of formations and shut-in pressures if gas to surface test, nal geological well site	s, whether shut-ir along with final	pressure reached	d static level, hydros	static pressu	res, bottom hol	е
	Irill Stem Tests Taken Yes (Attach Additional Sheets)		o 🗸 Log Fo		Formation (Top), Depth and Datum		Sample	
Samples Sent to Ge	ological Survey	✓ Yes No	l l	Name liobrara	1 272		Datum	
Cores Taken Electric Log Run (Submit Copy)		Yes No		liobiaia		1224		
Triple Combo		D), CBL/CCL/G		New Used				
	0, 11,1			, intermediate, produ		·	1 7 .5	
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Pe Additive	
Surface	9 7/8"	7"	17 Lbs/Ft.	188'	50/50 POZ	65 sx	3% CaCl, .25%	Flo-cele
Production	6 1/4"	4 1/2"	11.6 Lbs./	Ft. 1443'	Lead Type III	28 sx	12% Gel, 2% CaCl, .25	3% Polyflake
					Tail Type III	56 sx	2% Gel, 1% (CFL-80
		ADDITIONA	AL CEMENTING /	SQUEEZE RECOR	RD	į		
Purpose: Perforate Protect Casing	Depth Top Bottom			Type and Percent Additives			s	
Plug Back TD Plug Off Zone						1		
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				epth
3 SPF	Perf Niobrara interval from 1224'-1262'			Niobrara frac'd	l with 500 gals 7.5% H	CL acid, 12,00	0 gals of	
	(38', 3spf,114 ho	les) .41" EHD, 120	degree phase	25% CO2 foa	25% CO2 foamed gel pad; 31,838 gals 25% CO2 foamed			
				gel carrying 100	gel carrying 100,180 lbs 16/30 sand. ATP- 549 psi; ATR-			
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TUBING RECORD	Size	Set At	Packer At	Liner Run	Yes No	4 7 9 6	1	
Date of First, Resume 1/19/2009	rd Production, SWD or E	nhr. Producing M	ethod Flo	owing Pum	plng Gas Lift	Ott-	ner (Explain)	
Estimated Production Per 24 Hours	Oil i	Bbls. Gas		Water	Bbls. Ga	as-Oil Ratio	Gre	avity
Disposition of Gas	METHOD OF C	OMPLETION		Production Int	erval			
Vented ✓ Sold (If vented, S	Used on Lease	Open Hole		Dually Comp.	Commingled	+		•

BISON OIL WELL CEMEL ING, INC.

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

E-mail: bisonoll1@gwest.net

SERVICE INVOICE Nº 8115

WELL NO. AND FARM		COUNTY			DATE 11/13/08		
Doupon	<u>- 21-13</u>	Cheyenne	1. 1	CONTRACTOR			
CHARGE TO		WELL LOCATION		Mcpherson			
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	Customer or His Agent		Bison Oil Well Cementing, Inc. Re	nomentation .			

BISON OIL WELL CEME ING, INC.

173B Wynkoop St., Ste. 102 Denver, Colorado 80202 Phone: 303-296-3010 Fax: 303-298-8143 E-mail: bisonoll1@qwest.net



SERVICE INVOICE Nº 6095

SHIPPED VIA SHIPPED VIA 1 EU M F O O LOCATION 2 C LE YE M F NE 1 EU M F O O WELL TYPE LOCATION WELL TYPE LOCATION UNITS	
CHARGE TO NOBIS SUSSECTION SEC. 13 TWP. 25 RANGE 39W EXCEST RICE DELIVERED TO LOCATION 1 14 M P 0 0 SHIPPED VIA LOCATION 2 CLEY FINS WE LOCATION 3 YUMF 10 WELL TYPE CONGSTONG WELL TYPE CONGSTONG PRICE PRICE PRICE PUMP Chargs MITTERIES SUMME 10 WHAS UNIT PRICE AL LOCATION STUMP 10 WELL TYPE CONS PRICE PUMP Chargs MITTERIES SUMME 30 PST MITE SUM 15 EMEL LOCATION 3 YUMF 10 WELL TYPE CONS WELL TYPE AL LOCATION STUMP 10 WELL TYPE AL CONTRACTOR SHIPPED VIA LOCATION 1 YUMF 10 WELL TYPE AL LOCATION STUMP 10 LOCATION	
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at a single monthly rate of 1 1/2 which is equal to an. ANNUAL PERCENTAGE RATE OF 18%.	
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"TAXES WILL BE ADDED AT CORPORATE OFFICE"	
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SUBJECT TO CORRE	CTION
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Customer of His Agent Bisée Oil Well Comenting, Inc. Representative	•
Customers hereby acknowledges and specifically agrees to the terms and conditions on this work order, including, without limitation, the provisions on the reverse side hereof which include the refease and Indemnity.	