KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1 September 1999 Form Must Be Typed

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 33190	API No. 15 - <u>023 - 20853-00-00</u>
Name: Noble Energy, Inc.	County: Cheyenne
Address: 1625 Broadway, Suite 2200	NW - NE - Sec. 33 Twp. 3 S. R. 41 ☐ East West
City/State/Zip: Denver, CO 80202	840' feet from S (N)(circle one) Line of Section
Purchaser: Kinder Morgan	feet from E // W (circle one) Line of Section
Operator Contact Person: Raelene Milne	Footages Calculated from Nearest Outside Section Corner:
Phone: (303) 228-4212	(circle one) NE SE NW SW
Contractor: Name: Excell Services Inc., Wray, CO	Lease Name: Zweygardt Well #: 31-33
License: 8273	Field Name: Cherry Creek
Wellsite Geologist: none	Producing Formation: Niobrara
Designate Type of Completion:	Elevation: Ground: 3585' Kelly Bushing: 3594'
New Well Re-Entry Workover	Total Depth: 1640' Plug Back Total Depth: 1557'
Oil SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at 236', cmt w/ 71 sx Feet
Gas SIGW	Multiple Stage Cementing Collar Used?
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:	feet depth tosx cmt.
Well Name:	mlt 1-1/1g - 9/8/08
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Man (Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	Chloride contentppm Fluid volumebbls
Plug BackPlug Back Total Depth	Dewatering method used
Commingled Docket No	Location of fluid disposal if hauled offsite:
Dual Completion Docket No	
Other (SWD or Enhr.?) Docket No	Operator Name:
1/5/2008 1/7/2008 1/24/2008	Lease Name:License No.:
Spud Date or Date Reached TD Completion Date or	Quarter Sec. Twp. S. 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	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 82-3-104 and geologist well report shall be attached with this form. ALL CEMENTING
All requirements of the statutes, rules and regulations promulgated to regulation 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: JWF Bart	KCC Office Use ONLY
Title: Permit Representative Date: 3/10/2008	Letter of Confidentiality Received
Subscribed and sworn to before me this Dodg of March	If Denied, Yes [] Date: RECEIVED
	Wireline Log Received KANSAS CORPORATION COMMISSION
	Geologist Report Received MAR 1 1 2008
Notary Public: Sully	UIC Distribution
Date Commission Expires: UUGUS + 6, 2011	CSAMSERVATION DIVIS: 100 NUCHITALICS

S. R. 41	East ✓ W		ease Name ounty:Ch	eyenne					
now important tons						Well #:			
n and closed, flowin covery, and flow rate	g and shut-in preses if gas to surface	sures, whether test, along w	er shut-in p	resšure reache		static pressu	res, bottom hole		
n Sheets)	☐ Yes 🗸	No	V	Log Forma	ation (Top), Depth a	nd Datum	Sample		
Samples Sent to Geological Survey			1			Top 1393'	Datum		
•	CL .		AD &	lew [] Used					
		 		· · · · · · · · · · · · · · · · · · ·			Type and Percent		
Size Hole Drilled				Setting Depth	Cement				
9 7/8"	7"	17 LI	bs./Ft.	236'	50/50 POZ	71	2% CaCl, .25% Flo-c		
6 1/4"	4 1/2"	10.5 L	_bs./Ft.	1609'	Lead, Type III	36	12% gel, 2%CeCi, .25%flo-c		
					Tail, 50/50 POZ	56	3%CaCl, .25 flo-ce		
	ADDIT	IONAL CEME	NTING / SQ	UEEZE RECOR	D				
Depth Top Bottom	Type of Cemer	nt #Sa	icks Used		Type and Pe	rcent Additives	· · · · · · · · · · · · · · · · · · ·		
			/pe				d Depth		
erf. Niobrara from 13	393' to 1434',(41', 3	spf, 123 holes)	0.41"EHD	Niobrara frac'd	with 500 gals 7.5% H	CL acid, 12,00	0 gals of		
				gel carrying 100,1	40 lbs 16/30 Badger sand.	AIP-538psi; AIR-	13.3 bpm.		
•••	•• •• •								
Size	Set At	Packe	er At	Liner Run	Yes ✓ No	•			
Production, SWD or Er	nhr. Producir	ng Method	√ Flowing	g Pump	ing Gas Lift	Othe	r (Explain)		
Oil E	Bbls. Gas	Mc1 92	Wate O	G# E	8bls. Gas O	s-Oil Ratio	Gravity		
METHOD OF CO			•	Production Inte	rue!				
	Array Inducti CBL/GR/CC Size Hole Drilled 9 7/8" 6 1/4" Depth Top Bottom PERFORATION Specify for the second state of the	Array Induction/ Comp. N CBL/GR/CCL C/ Report all strin Size Hole Drilled Size Casing Set (In O.D.) 9 7/8" 7" 6 1/4" ADDIT Depth Top Bottom PERFORATION RECORD - Bridg Specify Footage of Each Inter Perf. Niobrara from 1393' to 1434',(41', 3	Sheets) Intogical Survey	Array Induction/ Comp. Neutron CBL/GR/CCL CASING RECORD Report all strings set-conductor, surface, in Size Hole Drilled Set (In O.D.) 9 7/8" 7" 17 Lbs./Ft. ADDITIONAL CEMENTING / SQ Depth Top Bottom PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated Perf. Niobrara from 1393' to 1434',(41', 3spf, 123 holes) 0.41"EHD Size Set At Packer At Production, SWD or Enhr. Production or Enhr	Sheets No Log Formet Name Niobrara Name Niobrara	Yes No Name Nobrara Name Name	Name Top Name Top Nobrara Name Niobrara Name Name Niobrara Name Niobrara Name Niobrara Name Name Niobrara Niobrara		

BISON OIL WELL CEMENTP G, INC. 1738 Wynkoop St., Ste. 102 Denver, Colorado 80202 Phone: 303-296-3010 Fax: 303-298-8143 E-mail: bisonoli1@qwest.net



NVOICE #_	G754	2	
LOCATION Zwe	ecard.	1 31-33	
FOREMAN JUST			

TREATMENT REPORT

V7/US =	zwe4gar	94 31-3 MEIT NAME	33	SEC	TION	TWP	RGE	Cheye	,	FORMATION		
CHARGETO FYCO	11 Serui	05			OWNER				7			
MAILING ADDRESS					OPERATOR							
ατγ					CONTRACTOR EXCELL RIG 17							
STATE ZIP CODE					·	TO LOCATION 70						
TIME ARRIVED ON LOCATION	14100	71,36	8100 Regues	tec		LOCATION						
		L DATA					PRESSURE	LIMITATIONS				
HOLE SIZE 6/4	TUBING SIZE		PERFORATIONS				THEOR	ETICAL INSTRUCTED				
TOTAL DEPTH 1635	TUBING DEPTH		SHOTS/FT		SURFACE P	IPE ANNULUS LONG						
P/B 1557.2	TUBING WEIGHT	•	OPEN HOLE		STRING	STRING						
CASING SIZE	TUBING CONDIT	ION /			TUBING							
CASING DEPTH / LOCK			TREATMENT VIA			TYPE OF TREATM	ENT	TREATMENT RATE				
CASING WEIGHT /C.	PACKER DEPTH				[] SURFA	CE PIPE		BREAKDOWN BPM				
CASING CONDITION GO					↓ I PRODU	CTION CASING		INITIAL BPM				
		E SUMMARY			[] SOEEZI	E CEMENT		Final BPM				
BREAKDOWN or CIRCULATING	G pst	AVERAGE	psi		[} AGID BI	REAKDOWN		MINIMUM BPM	UM BPM			
FINAL DISPLACEMENT	psi	ISIP	pst		[] ACID S	TIMULATION		MAXIMUM BPM				
ANNULUS	psi	5 MIN SIP	psi		[] ACID SI	POTTING		AVERAGE BPM				
MUMIXAM	psl	15 MIN SIP	psi		[] MISC P	UMP						
MINIMUM	ps)				[] OTHER			HYD HHP = RATE	IYD HHP = RATE X PRESSURE X 40.8			
NSTRUCTIONS PRIOR T	OJOB LIRU	, Safet	y, Est. Cir	٠رن,	PUN	P 3c BB1	s Mud	Flush				
HIP 36 5K	ė.	uipld o	<i>[]</i> .	11/12	End	M/P 56			eld 1	183		
Density 1	~	١ ٠٠٠		•				Plug Be		0 1300€		
15cr P5±		,	-			1/2/ 3 1/2	<i>,</i> 3C,		100			
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OB SUMMARY ESCRIPTION OF JOB EN HUC Flus (8:20) Dro	N 18:05) M/P	36 5K5	1 eac	1 Cen	4ent, (8	(10) H/1	10, P P 56 S	2010 25 tc	30 BBIS		
(8: 2	7) 10	BRIG	i 7~	> P5						···		
(8:3)			1		<u></u>							
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0,40	7 Set	17105	04 /1500	1.2.	 		 ,					
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(AUTHORIZAT	ION TO PROCEED			TITL	E			·DA	TE			

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 release and indemnity.

BISON OIL WELL CEMENTP 1, INC. 1738 Wynkoop St., Ste. 102 Denver, Colorado 80202 Phone: 303-296-3010 Fax: 303-298-8143



E-mail: bisonoil1@qwest.net

NVOICE# 6753	
LOCATION 7 Deced	21-23
-2	
FOREMAN VC SALCIE	`

TREATMENT REPORT

DATE		WELL NAME		SECTION	TWP	RGE	COUN	אוו	FORMATION		
1/5/07 20					<u> </u>	Cheyer	reline				
CHARGETO EXCELL	Servi	(05	······································	OWNE	3						
MAILING ADDRESS	321 (2)	<u> </u>		OPERA	TOR						
сту					CONTRACTOR MCPherson Builing						
STATE ZIP CODE				DISTA	ICE TO LOCATION		Υ-				
TIME ARRIVED ON LOCATION	1200 /	30		TIME L	EFT LOCATION 2'.0 C	· .			,		
	WEL	L DATA				PRESSURE	LIMITATIONS				
HOLE SIZE 9 7/8	TUBING SIZE		PERFORATIONS			THEOR	ETICAL	ins	STRUCTED		
TOTAL DEPTH 333	TUBING DEPTH		SHOTS/FT	SURFAC	E PIPE ANNULUS LONG						
	TUBING WEIGHT		OPEN HOLE	STRING							
CASING SIZE 17 */	TUBING CONDIT	ION		TUBING							
CASING DEPTH JOTIC			TREATMENT VIA		TYPE OF TREATM	ENT	. TR	EATMENT	RATE		
CASING WEIGHT 175	PACKER DEPTH	•		[½] SUI	RFACE PIPE		BREAKDOWN BPW	{	· · · · · · · · · · · · · · · · · · ·		
CASING CONDITION FILED				[] PR(DUCTION CASING	·	INITIAL BPM				
	PRESSUR	E SUMMARY		[]50	EZE CEMENT		FINAL BPM				
BREAKDOWN or CIRCULATING ps	9i	AVERAGE	psi	[]AC) BREAKDOWN	- 1 - 1	MINIMUM BPM				
FINAL DISPLACEMENT ps	si	ISIP	psi	[] ACI	[] ACID STIMULATION			MAXIMUM BPM			
ANNULUS ps	al	5 MIN SIP	psł	[]AC	SPOTTING		AVERAGE BPM				
MAXIMUM ps	il .	15 MIN SIP	psi	[] Mils	C PUMP						
MINIMUM ps	i)			[] OTH	ER		HYD HHP = PATE	X PRESSURE	X 40.8		
OB SUMMARY ESCRIPTION OF JOB EVENT	rs (1:3¢	า)- พ.ชก	, (1:40) 5	ntety	(1:45) ESL	· Precu,	(1:50)	 4/0 -	11 SKS		
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AUTHORIZATION	TO PROCEED	×		TITLE	<u>-</u>	11	·DA	ΓE			