Kansas Corporation Commission Oil & Gas Conservation Division



WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 33190	API No. 15 - 023 - 20871-00-00
Name: Noble Energy, Inc.	County: Cheyenne
Address: 1625 Broadway, Suite 2200	<u>NE</u> - <u>NE</u> Sec. <u>34</u> Twp. <u>3</u> S. R. <u>41</u> ☐ East West
City/State/Zip:Denver, CO_80202	feet from S / (Nicircle one) Line of Section
Purchaser: Kinder Morgan	feet from E)/ W (circle one) Line of Section
Operator Contact Person:	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: Zweygardt Well #: 41-34
License: 8273	Field Name: Cherry Creek
Wellsite Geologist: none	Producing Formation: Niobrara
Designate Type of Completion:	Elevation: Ground: 3535' Kelly Bushing: 3544'
New Well Re-Entry Workover	Total Depth: 1602' Plug Back Total Depth: 1554'
OilSIOWTemp. Abd.	Amount of Surface Pipe Set and Cemented at 212', cmt w/ 68 sx Feet
✓ Gas ENHR SIGW	Multiple Stage Cementing Collar Used? Yes ✓ 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:	feet depth tosx cmt.
Well Name:	AIX 1 - DIG - 4/8/08
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 Total Depth	Dewatering method used
Commingled Docket No	
Dual Completion Docket No	Location of fluid disposal if hauled offsite:
Other (SWD or Enhr.?) Docket No.	Operator Name:
,	Lease Name: License No.:
1/22/2008 1/23/2008 2/8/2008 Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R
Recompletion Date Recompletion Date	County: Docket No.:
Kansas 67202, within 120 days of the spud date, recompletion, workor Information of side two of this form will be held confidential for a period of	th the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, wer 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-s and geologist well report shall be attached with this form. ALL CEMENTING s. Submit CP-111 form with all temporarily abandoned wells.
All requirements of the statutes, rules and regulations promulgated to regulaterin are complete and correct to the best of my knowledge.	late the oil and gas industry have been fully complied with and the statements
Signature: Band Band Batter 3/17/2008	KCC Office Use ONLY Letter of Confidentiality Received
17th March	If Denied, Yes Date: RECEIVED
Subscribed and sworn to before me this / day of ////////	Wireline Log Received KANSAS CORPORATION COMMISSION
20 00 // // // // // // // // // // // //	i i
Notary Public: (Jallys A. // La	Geologist Report Received MAR 2 0 2008
Date Commission Expires: Wlgust 6, 26//	CONSERVATION DIVISION WICHITA, KS

Operator Name:	Noble Energy, Inc.		Lease Name	Zweygardt		_ Well #:	i 11-34
Sec Twp	3 S. R. 41	_ East	County:Ch				
tested, time tool ope temperature, fluid re	en and closed, flowirecovery, and flow rate	and base of formations ng and shut-in pressures es if gas to surface test, final geological well site	, whether shut-in p along with final cha	reşsure reache	d static level, hydro	static pressu	res, bottom hole
Drill Stem Tests Tak		☐ Yes 🗸 No	Ø	Log Forma	tion (Top), Depth a	nd Datum	Sample
Samples Sent to Ge	eological Survey	☐ Yes 🗹 No	Na Nio	me obrara		Top 1359'	Datum
Cores Taken Electric Log Run (Submit Copy)		☐ Yes ☑ No ☑ Yes ☐ No					
List All E. Logs Run							
	/ Array Induct , CBL/GR/C0	ion/ Comp. Neuti CL	ron				
			RECORD V				
Purpose of String	Size Hole Drilled	Report all strings set- 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.	212'	50/50 POZ	68	2% CaCl, .25% Flo-cele
Production	6 1/4"	4 1/2"	10.5 Lbs./Ft.	1596'	Lead, Type III	36	12% gel, 2%CaCl, .25%flo-cele
					Tail, 50/50 POZ	56	3%CaCl, .25 flo-cele
		ADDITIONAL	CEMENTING / SQ	UEEZE RECOR	D		
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives			s
Protect Casing Plug Back TD							
Plug Off Zone							
Chata Da Fara	PERFORATION	ON RECORD - Bridge Pluc	s Sat/Tuna	Aoid Fro	esturo Shot Coment S	Square Base	
Shots Per Foot PERFORATION RECORD - Bridge Plugs Set/Type Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)						Depth Depth	
3 spf	Perf. Niobrara from 1	1359' to 1398',(39', 3spf, 7	8 holes) 0.41"EHD	Niobrara frac'd	with 500 gals 7.5% H0	CL acid, 12,00	0 gals of
				25% CO2 foam	ed gel pad; 31,958 ga	als 25% CO2	foamed
				gel carrying 100,30	00 lbs 16/30 Badger sand.	AIP-574psi; AIR-	-12.8 bpm.
TUBING RECORD	Size	Set At	Packer At	Liner Run	Yes ✓ No		
Date of First, Resumero 3/11/2008	Production, SWD or E	nhr. Producing Meth	nod G First in	Pumpi		Othe	er (Explain)
Estimated Production Per 24 Hours			Mof Wate	er B	_	s-Oil Ratio	Gravity
Disposition of Gas	METHOD OF C		10: 0	Production inter	0		
Uented ✓ Sold	Used on Lease		17 m = 7 -		. 22		
(If vented, Sub		Open Hole Other (Special		ually Comp	_ Commingled		

BISON OIL WELL CEMENTING, INC.



1738 Wynkoop St., Sie. 102 Denver, Colorado 80202 Phone: 303-296-3010 Fax: 303-298-8143 E-mail: bisonol(1@qwest.net

F INVOICE# 6563
LOCATION CR8+Hay36
FOREMAN LLCIECLE RUBEA
Tous p.

TREATMENT REPORT

	DATE		WELL NAME		SECTION	TWP	RGE	COUN		FORMATION
	30-06	Bu Jaker					1	Chey	- MET	
CHAR	SE TO 4 4 C C C	SARE	(ac.15		OWN	ER NOBLI	, _ .			
	NG ADDRESS			. •		NATOR			<u> </u>	<u></u> .
CITY					CON	TRACTOR MICPI	1211500	<u>ب</u> -	· <u> </u>	·
_	STATE ZIP CODE				DIST	ANCE TO LOCATION ·	10 m/L	<u> </u>	<u></u>	
		500	;		TIME	LEFT LOCATION	13 .			
		WEL	L DATÁ				PRESSURE	LIMITATIONS		
HOLE	SIZE 93	TUBING SIZE		PERFORATIONS			THEOR	ETICAL	IN	STRUCTED
TOTAL	DEPTH 206	TUBING DEPTH		SHOTS/FT	SURF	ACE PIPE ANNUUS LONG				
		TUBING WEIGHT		OPEN HOLE	- STRIM	16.				
CASIN	IG SIZE 7.	TUBING CONDIT	ION		· TUBD	<u> </u>				
	IG DEPTH 203			TREATMENT VIA		TYPE OF TREATM	ENT	TR	EATMENT	RATE
	IG WEIGHT / 7	PACKER DEPTH			[/ [S	URFACE PIPE		BREAKDOWN BPI	<u> </u>	
	G CONDITION (CC))			[]P	RODUCTION CASING	. '	INITIAL BPM	·	
	:		E SUMMARY		[]S	OEEZE CEMENT		FINÁL BPM	· ·	
BREA	KOOWN or CIRCULATING	psì .	AVERAGE	psi	- 1 JA	CID BREAKDOWN		MINIMUM BPM		
FINAL	DISPLACEMENT	psi	ISIP	psi	. · []A	CID STIMULATION		MAXIMUM BPM	·	
ANNU	LUS	psi	5 MIN SIP	psi	[]A	CID SPOTTING		AVERAGE BPM	<u> </u>	
MAXII	NUM	psi	15 MIN SIP	psi	[]	risc Pump	· · · · · · · · · · · · · · · · · · ·		· ·	
MININ	UM -	psi			[]0	THER		HYD HHP = RATE	X PRESSUR	E X 40.8
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1 200	IUC HUNS PRIOR TO	1./	3 4166	0 016	26.115	7 12/2/5 /7	120 56	11 / 14	veil	
	1000	240 111	010-	10 12 13 15 15 15 15 15 15 15 15 15 15 15 15 15	ت الله	TDDLS 17			1. 4.	
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JOB S	UMMARY	CASTO MATIE	a 6% a	OD SAFE	1515	cm 5 12	D151	PLACE	5-13	?>
الكافات	HIPTON OF JOB EV	ENIS //	7 7	13 D 15 X	e1 17 7	3				
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Čust		ION TO PROCEE!		and conditions on this wo	TITLE rk order, including,	without limitation, the provis	ions on the reverse		ATE include the r	elease and indemnity.

BISON OIL WELL CEMENT 5, INC. 1738 Wynkoop St., Ste. 102 Denver, Colorado 80202 Phone: 303-296-3010



Fax: 303-298-8143 E-mail: bisonoil1@qwest.net

WANTER TO BUS AND THE STATE OF	
LOCATION Zweygandt 41-34	
FOREMAN Rose Martine	
Tida Tond	r.

TREATMENT REPORT

1/24/08 zweygardt	WELL NAME 211-34	SECTION	T₩P	RGE	Cheye, 1110	FORMATION		
CHARGETO EXCELL Service	<	OWNER		•		·		
MAILING ADDRESS	DPERATO!	DPERATOR						
ату	CONTRAC	TOR EXCELL	Ricy = 17					
STATE ZIP CODE		DISTANCE	TO LOCATION					
	Request 1:00	TIME LEFT	FLOCATION	· ·				
WELL				PRESSURE LIN	AITATIONS			
HOLE SIZE LOYAL TUBING SIZE	PERFORATIONS		<u></u>	THEORET	ICAL	INSTRUCTED		
TOTAL DEPTH /LOC2 TUBING DEPTH	SHOTS/FT	SURFACE (PIPE ANNULUS LONG					
P/13 1554 TUBING WEIGHT	OPEN HOLE	STRING			-			
CASING SIZE 4/72 TUBING CONDITION	N	TUBING		,				
CASING DEPTH 1587	TREATMENT VIA		TYPE OF TREATM	ENT	TREATM	IENT RATE		
CASING WEIGHT 1015 PACKER DEPTH		. [] SURFA	CE PIPE	В	REAKDOWN 8PM			
CASING CONDITION GUEC]X] PRODU	ICTION CASING	4	RITIAL BPM			
PRESSURE	SUMMARY	[] SOEEZ	E CEMENT	F	INAL BPM			
BREAKDOWN or CIRCULATING psi	AVERAGE psi	[] ACID E	IREAKDOWN	<u>N</u>	IINIMUM BPM			
FINAL DISPLACEMENT psi	ISIP psi	[] ACID S	TIMULATION	. 1	AXIMUM BPM			
ANNULUS pei	5 MIN SIP pai	. [] ACID S	POTTING	A	VERACE BPM	ACE BPM		
	15 MIN SIP psi	[] MISC I	PUMP		<u>. </u>			
MINIMIM psi		{ 10THEF	1	h	IYD HHP = RATE X PRE	SSURE X 40.8		
NSTRUCTIONS PRIOR TO JOB HIRL MIP 36 SKS (+ar) (+ Uield 1.83 Density Set Plug Retween	HEAT GIFT DIENT 13.18 Drop Plug	Density Displace	12.0 HIP	565K57	od Flush rail Peme	<i>n</i> +		
JET TILL KETWEEN	1208 - 1300 13-							
DESCRIPTION OF JOB EVENTS 6130 HUD FLUST, (3127) (3138) Trop P	4/P 36 5K5 lead Plug (3140) D15 144) 10 BBIS A	place 34 way 2001	<u>(3;30) H/P</u> i1 BBIS H	(13) ESL(56 SKS 20,	Tail Ceme	only 308Bls		
(3	1150) Set Plug a	at 1500 P	5 <u>L</u>		· · ·	·		
				<u> </u>	<u> </u>			
			· · · · · · · · · · · · · · · · · · ·		WANEAS COR	ECEIVED PORATION COMMISSION		
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		· · · · · · · · · · · · · · · · · · ·		**	CONSE	RVATION DIVISION		
AUTHORIZATION TO PROCEED		TITLE		1/24/0	DATE	WICHITA, KS		