Form 3160-4 (August 2007)

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

1. 45 A, 1

FORM APPROVED OMB No. 1004-0137 Expires. July 31, 2010

WELL COMPLETION	N OR RECOMPLET	ION REPORT AND LOG
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	WELL	COMPL	-ETION O	K KE	COM	PLETIC	ON KEP	ORI	AND LOC	خ			ase Serial N MSF07846			
la. Type o	f Well	Oil Well	_	Well Wor	Dr			Plug	Back 🗖	Diff. F	Resvr	6. If	Indian, Allo	ttee or	Tribe Name	
	•	_	er				· .	~ ر	_			7. Ui	nit or CA Ag	greemei	nt Name and No.	,
Name of NOBLE	Operator ENERGY I	INC	E.	-Mail· jr			EAN M MU ergyinc.co						asc Name a			
3. Address	5802 US FARMING		M 87401						o. (include ard 8-4316	a code	)	9. Al	PI Well No.		5-33939-00-D2	
4. Location	of Well (Re	port locat	ion clearly an	d in acc	ordanc	e with Fed	eral require	ements	)*			10. F	ield and Po	ol, or E	xploratory Fruthend C	, 0
At surfa			_ 1875FEL 3			,			400 00700 1			11. S	Sec., T., R., I	M., or E	Block and Survey	. <b>002</b> D
At total		•	oclow NWN FNL 1875FE						108.20726 V	v Lon		12. C	County or Pa		13. State NM	
14. Date S <sub>1</sub> 09/29/2				ite T.D. /10/200		ed	16 C	Date D & 11/2	Completed A Rea 1/2007	ıdy to F	rod.	17. E	Elevations (I 575	OF, KB. 7 GL	, RT, GL)*	
18. Total D	Oepth:	MD TVD	6560 6560		19. P	ug Back T		MD TVD	6560 6560		20. De	pth Brid	dge Plug Se	T	MD 6150 VD 6150	
GR NE	UT DEN CB	BL GR NE	inical Logs Ru EUT DEN CE	BL GR I	NEUT	y of each) DEN CBL	. GR NEU	T D13	.500	Was	well core DST run tional Su	d? ? irvey?	R⊼ No i	די Yes ו	(Submit analysis) (Submit analysis) (Submit analysis)	•
23. Casing a	nd Liner Reco	ord (Repo	ort all strings		<del></del>		la a				Lai					
Hole Size	Size/G	rade	Wt. (#/ft.)	Top (ME		Bottom (MD)	Stage Cer Dep		No. of Sk Type of Co		Slurry (BE		Cement T	op*	Amount Pulled	
13.500	<del></del>	325 J-55			0	330				310		63		0		
8.750 6.250	<u> </u>	00 N-80 00 N-80			0	4723 6560			<u> </u>	425 185	+	196 53	-	0 4070		
0.230	7,	100 14-00	7 11.0		$\dashv$	0300	<del>'</del>		<u>.                                    </u>	100	<u>'</u>	55			EB 4 708	
							<u> </u>						M		IS.DIV.	
														DIC	1.0	
24. Tubing		(B)   B		1	~1	<u> </u>						1 -				
Size 2 375	Depth Set (M	1D) P	acker Depth (	(MD) 2195	Sizo	Dept	th Sct (MD	)   P	acker Depth (	(MD)	Size	De	pth Set (MI	))   P	Packer Depth (MD)	
	ing Intervals	1004		2190		26	. Perforatio	n Rece	ord							
F	ormation	. [	Тор		Botto	om	Perf	orated	Interval		Size	N	lo. Holes		Perf. Status	
A) FF	RUITLAND C	COAL		1493		1843			1493 TC	18	3.1	30			N DAKOTA PERF'D A	
B)	n-								1493 TO 1	843	3.1	30	62	BASIN	FRUITLAND COAL	.PEr
C)								- 1			r			4-	ready to	
	racture, Treat	ment, Cei	ment Squeeze	, Etc.						I					produced.	
	Depth Interva	al						Ar	mount and Ty	pe of N	1aterial					
	14	93 TO 1	843 SEE PE	RFORA	TION, A	ACIDING A	ND FRACT	URE B	ELOW IN CO	MMEN	SECTIO	N				
28. Product	tion - Interval	. A														
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Ga Me		Water BBL	Oil Gr Corr A		Gas Gravit	у	Producti	on Method			
Α	11/26/2007	24		0.0		101.0	5 0	Con Air		FLOWS FROM WELL						
Choke Size	Tbg Press Flwg SI 270	Csg Press 650 0	24 Hr Rate	Oil BBL 0	Ga M		Water BBL 5	Gas O Ratio	11	Well S	latus DRG					
28a Produc	ction - Interva	L		L				_L								,
Date First	Test	Hours To tod	Test	Oil	Ga		Water	Oil Gr		Gas		Producti	on Method			
Produced B	Date 11/26/2007	Tested 24	Production	BBL 0.0	М	101 0	5 0	Corr A		Gravit			FLOW	'S FRO	M WELL	
Choke Size	Tbg Press Flwg	Csg Press	24 Hr Rate	Oil BBL	Ga Mo		Water BBL	Gas O Ratio	nl	Well S	tatus				<del></del>	
8/64	SI 270	650 0		0		101	5				ORG					

23. Additional remarks (include plugging procedure)   Permation   Top   Bottom   Descriptions Contents, etc.   Name   Top   South Accordance (Include Againces)	20h Dro	duction Intern	ol C										_		
Production   State   Production   State   Production   State				T# .	lo.	Ta .	Inc.	Io.o		3	In a constant				
Post   Production   Interval D											Production Method				
Discrete   Total   Total   How   Total   Total   How   Total   Total   How   H		Flwg							\	Well Status					
Treatment   Dec   Tools   Production   Dec   Tools   Production   Dec	28c. Proc	luction - Interv	al D			L							_		
Price   Pric											Production Method		-		
32. Additional remarks (include plugging procedure):  Formation  Top  Bottom  Descriptions, Contents, etc.  Name  Top  Meas. Depth  Activity Contents of processing and contents thereof Corod intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveres, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recovered.  Formation  Top  Bottom  Descriptions, Contents, etc.  Name  Top  Meas. Depth  Activity Cool, 1973  CulFF HOUSE  1339-1840  Activity Cool, 1973  CulFF HOUSE  1339-1840  Activity Cool, 1973  CulFF HOUSE  1341-1732007 RU the frace equipment. Perf 1839-1843' and frac the lower Fruitland Coel formation with 333339' of sand. Set R8P @ 1600'. Press test to 5000ps; Perf from Cool and Coel formation with 333339' of sand. Set R8P @ 1600'. Press test to 5000ps; Perf from Cool and Coel formation with 333339' of sand. Set R8P @ 1600'. Press test to 5000ps; Perf from Cool and Coel formation with 333339' of sand. Set R8P @ 1600'. Press test to 5000ps; Perf from Cool and Coel formation with 11,6938' of sand. RD frac equip. Start flowing well back on 8646th choke.  Stage #1 Stage #2 Stage #3  33. Circle enclosed attachments  1. Electrical/Mechanical Logs (I full set req'd)  2. Geologic Report  3. DST Report  4. Directional Survey  5. Sundry Notice for plugging and cement verification  6. Core Analysis  7. Other:  Electrical/Mechanical Logs (I full set req'd)  5. Sundry Notice for plugging and cement verification  6. Core Analysis  7. Other:  Electroic Submission #58192. Verified by the BLM Well Information System.  Fellows Electroic Submission #58192. Verified by the BLM Well Information System.  Committed to AFMS8 for processing by JiM LOVATO on 8201/2008 (88)XL0047SE)  Tule REGULATORY COMPLIANCE		Flwg								Well Status	Status				
30. Summary of Porous Zones (Include Aquifers):  Show all important zones of porosity and contents thereof Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.  Formation  Top  Bottom  Descriptions, Contents, etc.  Name  Top  Meas. Depth  ALAMO  A42  KIRTLAND  B93  FRUITLAND COAL  1294  PICTURED CLIFFS  1873  CLIFF HOUSE  3394  POINT INCHED CLIFFS  1873  CLIFF HOUSE  3394  POINT INCHED CLIFFS  1873  CLIFF HOUSE  3394  POINT INCHED CLIFFS  346478  AKOTA  B93  FRUITLAND COAL  1294  PICTURED CLIFFS  1873  CLIFF HOUSE  3394  POINT INCHED COKOUT  GRAVE  B94  B95  B96  B97  B97  B97  B97  B97  B97  B97			Sold, used f	or fuel, vent	ed, etc)	<u> </u>		<u> </u>					•		
Show all important zones of poroxity and centents thereof Cored intervals and all drill-stem tests including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.  Formation  Top  Bottom  Descriptions, Contents, etc.  Name  August RRTLAND  State			Zonos (Inc	Juda Aguifa	#a\.					121 For	motion (Log) Mor	ul. aug			
Formation Top Bottom Descriptions, Contents, etc.    Name   Meas. Depth   Meas. Depth	Show tests,	all important :	zones of po	rosity and c	ontents there	eof Cored to tool open,	intervals an , flowing ar	d all drill-stem nd shut-in press	ures	31.101	mation (Log) was		·		
32. Additional remarks (include plugging procedure)  Perforation, acidizing and frac detail: 11/13/2007 RU the firac equipment. Perf 1839-1843' and frac the lower Fruitland Coal formation with 30,033# of sand. Set RBP @ 1800/. Press to to 5000psi. Perf from 1687-1693, 1712.5, 1717-9 & 1756-1765. Frac the middle Fruilland Coal with 79,124# of sand. Set RBP @ 1800/. Press to to 5000psi. Perf from 1687-1693, 1712.5, 1717-9 & 1756-1765. Frac the middle Fruilland Coal with 79,124# of sand. Set RBP @ 1650/. Press to to 5000/Psi. Perf the upper Fruilland Coal with 79,124# of sand. Set RBP @ 1650/. Press to 5000/Psi. Perf the upper Fruilland Coal with 79,124# of sand. Set RBP @ 1650/. Press to 5000/Psi. Perf the upper Fruilland Coal with 79,124# of sand. Set RBP @ 1560/. Press to 5000/Psi. Perf the upper Fruilland Coal with 79,124# of sand Set RBP @ 1560/. Press to 5000/Psi. Perf the upper Fruilland Coal with 79,124# of sand Set RBP @ 1560/. Press to 5000/Psi. Perf the upper Fruilland Coal with 79,124# of sand Set RBP @ 1560/. Press to 5000/Psi. Perf the upper Fruilland Coal with 79,124# of sand Set RBP @ 1560/. Press to 5000/Psi. Perf the upper Fruilland Coal with 79,124# of sand Set RBP @ 1560/. Press to 5000/Psi. Perf the upper Fruilland Coal with 79,124# of sand Set RBP @ 1560/. Press to 5000/Psi. Perf the upper Fruilland Coal with 79,124# of sand Set RBP @ 1560/. Press to 5000/Psi. Perf the upper Fruilland Coal with 79,124# of sand Set RBP @ 1560/. Press to 5000/Psi. Perf the upper Fruilland Coal with 79,124# of sand Set RBP @ 1560/. Press to 5000/Psi. Perf to 1560/. Press to 5000		Formation		Тор	Bottom		Descript	ions, Contents,	ents, etc. Name						
Perforation, acidizing and frac detail:  11/13/2007 RU the frac equipment. Perf 1839'-1843' and frac the lower Fruitland Coal formation w/ 33,033# of sand. Set RBP @ 1800'. Press tst to 5000psi. Perf from 1687'-1693', 1712.5', 1719' & 1756'-1763'. Frac the middle Fruitland Coal w/ 79,124# of sand. Set RBP @ 1650'. Press tst to 5000psi. Perf the upper Fruitland Coal @ 1493', 1545' & 1578'. Frac upper Fruitland Coal w/ 11,693# of sand. RD frac equip. Start flowing well back on 8/64th choke. Stage #1 Stage #2 Stage #3  33. Circle enclosed attachments:  1. Electrical/Mechanical Logs (I full set req'd.) 2. Geologic Report 3. DST Report 4. Directional Survey 5. Sundry Notice for plugging and cement verification 6. Core Analysis 7 Other:  34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):  Electronic Submission #58192 Verified by the BLM Well Information System. For NOBLE ENERGY INC, sent to the Farmington Committed to AFMSS for processing by JIM LOVATO on 02/01/2008 (08JXL0047SE)  Name (please print) JEAN M MUSE  Title REGULATORY COMPLIANCE	22 A J.J.									KIR FRI PIC CLI PO GA	TLAND UITLAND COAL TURED CLIFFS FF HOUSE INT LOOKOUT LLUP		893 1294 1873 3394 4257 5847		
1. Electrical/Mechanical Logs (1 full set req'd.) 2. Geologic Report 3. DST Report 4. Directional Survey 5. Sundry Notice for plugging and cement verification 6. Core Analysis 7 Other:  34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):  Electronic Submission #58192 Verified by the BLM Well Information System.  For NOBLE ENERGY INC, sent to the Farmington  Committed to AFMSS for processing by JIM LOVATO on 02/01/2008 (08JXL0047SE)  Name (please print)  JEAN M MUSE  Title REGULATORY COMPLIANCE	Perfo 11/13 forma 1687 sand & 15 back Stage	oration, acidiz 3/2007 RU the ation w/ 33,03 '-1693', 1712 . Set RBP @ 78'. Frac uppe on 8/64th che e #1 S	ing and fra e frac equ 33# of san .5', 1719' 1650'. Pre er Fruitlan oke. tage #2	ac detail: ipment. Pel d. Set RBP & 1756'-170 ess tst to 50 d Coal w/ 1	rf 1839'-18 @ 1800'. l 63'. Frac th 000PSI. Pe 1,693# of	Press tst to e middle f rf the uppe	o 5000psi. Fruitland C er Fruitland	Perf from Coal w/ 79,124 d Coal @ 1493	# of 3', 1545'						
5. Sundry Notice for plugging and cement verification 6. Core Analysis 7 Other:  34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):  Electronic Submission #58192 Verified by the BLM Well Information System.  For NOBLE ENERGY INC, sent to the Farmington  Committed to AFMSS for processing by JIM LOVATO on 02/01/2008 (08JXL0047SE)  Name (please print) JEAN M MUSE  Title REGULATORY COMPLIANCE				(1 C 11	115		• • •					4 5	1.0		
Electronic Submission #58192 Verified by the BLM Well Information System. For NOBLE ENERGY INC, sent to the Farmington Committed to AFMSS for processing by JIM LOVATO on 02/01/2008 (08JXL0047SE)  Name (please print) JEAN M MUSE  Title REGULATORY COMPLIANCE					-			-		•	oort	4. Direction	nal Survey		
For NOBLE ENERGY INC, sent to the Farmington Committed to AFMSS for processing by JIM LOVATO on 02/01/2008 (08JXL0047SE)  Name (please print) JEAN M MUSE  Title REGULATORY COMPLIANCE	34. I here	by certify that	the foregoi	ng and attac	hed informa	ition is com	plete and c	orrect as detern	nined fron	n all available	records (see attac	ched instruction	ons):		
Name (please print) JEAN M MUSE  Title REGULATORY COMPLIANCE			•		For	NOBLE E	NERGY II	NC, sent to the	e Farming	gton					
Signature (Electronic Submission) Date 01/22/2008	Namo	(please print)	JEAN M N												
	Signa	ature	(Electroni	c Submissi	on)	,		Date	e <u>01/22/2</u>	008					

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fradulent statements or representations as to any matter within its jurisdiction

Additional data for transaction #58192 that would not fit on the form

A COLORADO AL GARAGE

## 32. Additional remarks, continued

Total Sand Max Press Avg Press Avg Rate	4165psi	79,124# 2407psi 2037psi 26.8bpm	4884psi 2947psi	
5Min 10Min 15Min Frac Gradie 500gal of 19 Broke @ 15 Fluid to Rec 11/14/2007 top of sand circ clean action 1700'. Brea 11/15/2007 circ and clean and RIH to 11/16/2007 6554'. Cont 11/17/2007	1523psi 1315psi 1165psi ent 1.44psi/ft 5% Acid 500ga 61psi Broke cover 904bbls Cont to flow we @ 1565' Break nd release RBP the RBP @ 18 k Circ and circ k Continue to circ an out to top of 1800'. Break cir Continue to circ inue to circ.	@ 1343psi 1242bbls 1242bbls cli dn to 3BPH of circ and clean o PPOOH, LD RB 00' Release RBF 42O and sand fro CH2O from csg v RBP @ 2205'. R CW air and circ cw/ air. Break cir	927psi 881psi 851psi 1.20psi/ft 00gal of 15% Aci 477bbls H2O and 0psi. N ut sand to top of s P. RIH to top of s P and POOH. LD om wellbore. W air. Finish RIH teleased RBP, Po H2O from csg rc and mill out the	ID frac valve and NU BOP. RIH to RBP @1650'. Latch onto RBP sand @ 1741'. Break circ and RBP. RIH w/ retreiving head to to top of fill @ 2175' Break DOH, LD RBP. PU 3 7/8"mill, 4 DC e CIBP. Clean out to PBTD @ d RIH. Set 7" - 3.25 bore