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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED OM Exp

17741 1 1	I I ICO V LD
IB No	1004-0137
ıres <sup>.</sup> Ju	ıly 31, 2010

	VVELL	. CONP	LETION	OK KE	COMPL	ETION	KEPUI	RT AND I	LUG		5. Lease Seria NMSF078			
la Type		_	II ⊠ Ga		_	Other					6. If Indian, A	llottee o	or Tribe Name	
b. Туре	of Completi	_	New Well ner	_	k Over	Deeper Deeper	n 🗆 I -	Plug Back	□ Diff.	Resvr.	7 Unit or CA Agreement Name and N NMNM73737			
	of Operator .E ENERG	Y INC		E-Mail: jm		act: JEAN bleenergyi					8 Lease Name RIO BRAV	and W O 27 8	ell No.	
		IGTON, N	IM 87401	····		F	Ph: 303-	No. (includ 228-4316	e area cod	e)	9 API Well N		45-32691-00-D1	
	on of Well (F Sec face SEN	27 T31N I	R13W Mer	and in acco	ordance wi	th Federal 1	requireme	ents)*			10. Field and I BASIN DA	KOTA	• •	
	prod interva									J	or Area Se	ec 27 T	Block and Survey 31N R13W Mer N	
	l depth										12 County or SAN JUAN	1	13. State NM	
4. Date 8 02/28/	Spudded 2006			Date T.D. F 03/11/2006			16. D	ate Complet & A 💆 0/06/2006	ed Ready to l	Prod	17. Elevations 56	(DF, K) 39 GL	B, RT, GL)*	
8. Total	Depth:	MD TVD	653 653		19 Plug E	Back T.D.	MD TVI	65	33 33	20. Depth	n Bridge Plug S		MD TVD	
I. Type I GR D	Electric & O EN NEUT	ther Mecha CBL GR	inical Logs CBL DEN	Run (Subm NEUT	it copy of	each)			Was	well cored? DST run? ctional Surv	<b>⊠</b> No	☐ Yes	s (Submit analysis) s (Submit analysis) s (Submit analysis)	
. Casing a	and Liner Re	cord (Rep	ort all string	gs set in we	·			. T .y	601 0	T 51 T				
Hole Size		Grade	de Wt. (#/ft.)		Bot (M				f Sks & of Cement	Slurry V (BBL)		Top*	Amount Pulled	
13 50 8.75		.625 J-55 000 N-80			0	333 4745			300 560			0	;	
6.25		500 N-80	11.0			6533			165			4296		
				<u> </u>	_									
4. Tubing	g Record													
Size 2.375	Depth Set (	MD) P	acker Depth	(MD)	Size 2.375	Depth Set	(MD) 6421	Packer Dep	oth (MD)	Size	Depth Set (M	D) 1	Packer Depth (MD)	
	ing Intervals			2000	2.070	26 Perfo	oration Re	cord						
	ormation	1/0-1	Тор		Bottom		Perforate	d Interval	2.0400	Size	No Holes		Perf Status	
) )	DA	КОТА		6398	6498			6398 TO		3.120 0.340		OPEN		
<u>/</u>					•	1-		0390 10	3 6496	0 340	1	OPEN		
<del>/</del>		-+				<del>                                     </del>					-			
	racture, Trea	tment, Cer	nent Squeez	e, Etc.		I					I	<u> </u>		
	Depth Interv		100 Bi	las balla sur	170 O form			Amount and	Type of M	laterial				
			198 Bio sea 198 130000				Q FOAM N	/IAX PSI 369	B, AVG PSI	2556 ISIP 3	053, 5MIN, 262	3PSI, 10	MIN	
						·	<u>-</u>			<del></del>	·		·	
	ion - Interva													
First luced 1/06/2006	Test Date 04/06/2006	Hours Tested 3	Test Production	Oil BBL	Gas MCF 64 7	Water BBL 5 (	Con	Gravity r API	Gas Gravity		duction Method FLOW	/S FROI	M WELL	
(e	Tbg Press Flwg 18	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Rati		Well Sta	atus			·	
875 a. Produc	sı tion - Interva	135.0		0	518	40	)		P	GW				
First	Test Date	Hours Tested	Test Production	Oıl BBL	Gas MCF	Water BBL		Gravity API	Gas Gravity	Proc	duction Method			
/06/2006	04/06/2006	3		0.0	64 7 <sup>2</sup>	5 0	)				FLOW	'S FROM	// WELL	
l	Tbg Press Flwg 18 SI	Csg. Press 135 0	24 Hr Rate	Oil BBL 0	Gas MCF 518	Water BBL 40	Gas Ratio		Well Sta	tus GW	A9	CEPI	TED FOR REC	
0.875 See Instructi	Flwg 18 SI ons and space	Press 135 0 ces for ada SSION #9	Rate  Litional data 3107 VERI	BBL 0 on reverse FIED BY	MCF 518 side) THE BLM	BBL 40	Ratio NFORM	ATION SYS	PC STEM	9W	BLM REVIS	SED *	B 18 29	

28b. Prod	luction - Inter	val C										
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method	i		
N 1	TT - D			-		<u> </u>		W. N. G.				
Choke Size	Tbg Press Flwg	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oıl Ratio	Well Status				
28c Prod	uction - Inter	val D		1								
ate First	Test	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method	1		
roduced	Date	Tested	Production	BBL	MCF	BBL	Corr API	Gravity		-		
hoke ize	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	•			
29. Dispo VENT	sition of Gas(	Sold, used	for fuel, ven	ted, etc)				I				
	nary of Porous	Zones (Inc	clude Aquife	ers).				31.	Formation (Log) M	arkers		
tests, i	all important including depi coveries:	zones of po th interval t	prosity and c tested, cushi	ontents the	ereof: Corec me tool ope	f intervals an en, flowing ar	d all drill-stem nd shut-in pressure	s				
	Formation		Top	Botton	1	Descripti	ons, Contents, etc		Name		Top	
			·		_	•	···		OJO ALAMO		Meas. Dep	
								}	FRUITLAND PICTURED CLIFF DAKOTA	-S	1169 1824 6395	
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) Additio	onal remarks (	include plu	aging proce	dura)	ł						···	
	he fact comp			dure).								
											•	
	٠. ده	*	•									
	nclosed attac											
1 Electrical/Mechanical Logs (1 full set req'd.) 2. Geologic Reports. 5. Sundry Notice for plugging and cement verification 6. Core Analysis							•	3 DST Report 4. Directional Survey				
5. Sunc	iry Notice for	plugging a	nd cement v	erification		6. Core Ana	llysis	7 Other:				
. I hereby	certify that t	ne foregoin	g and attach	ed informa	tion is com	nlete and cor	rect as determined	from all availab	le records (see attac	ched instruction	18)	
	,		Electro	nic Subm For	ission #931 NOBLE E	107 Verified NERGY IN	by the BLM Wel C, sent to the Far VE MASON on 0	Information Symington	ystem.		,.	
Name (p	lease print) J				-D. proces	uj 01E		GULATORY CO	ŕ			
	_										·	
Signatur	e(I	Electronic	Submission	n)			Date 09/2	20/2010				

Form 3160-4 (August 2007)

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

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

												ì			
	WELL	COMP	LETION	OR RI	ECON	MPLE	TION R	EPOR	T AND	LOG		5. Lease S NMSF			
la Type	of Well					_	Other					6. lf India	n, Al	lottee o	r Tribe Name
b. Type	of Completio		New Well er	□ Wo		er _	Deepen	□ Pl	ug Back	□ Diff	Resvr.	7 Unit or NMNN			ent Name and No.
. Nobi	of Operator LE ENERGY			E-Mail:			· JEAN N energyin			<del></del>		8. Lease N RIO B	lame	and We	
3 Addres	ss 5802 US FARMIN	HWY 64 IGTON, N	M 87401				3a Ph	. Phone i	No. (includ 28-4316	le area code	e)	9. API We	II No	30-04	45-32691-00-D2
4. Location	on of Well (R	eport locat	ion clearly	and in ac	cordan	ce with						10. Field a	ind P	ool, or	Exploratory
	face SEN	E 1980FN	R13W Mer L 660FEL	NIVIP							i	BASIN BASIN 11 Sec.,	FRU	<del>M., of</del>	Block and Survey 31N R13W Mer NM
At top	prod interva	l reported b	oelow									12 Count			13. State
	al depth				D			1 77: D	- C			SAN J			NM
14. Date : 02/28				Date T.D. 3/11/200		iea		16. Dai D 0 8 10/0	te Complet & A 🔀 06/2006	Ready to I	Prod.	17 Elevat	ons ( 563	DF, KE 39 GL	3, RT, GL)*
18. Total	-	TVD	6535 6535	5		lug Bac		MD TVD		33 33	20. Dep	th Bridge P	•		MD TVD
21 Type GR D	Electric & Or DEN NEUT	ther Mecha CBL GR	nical Logs I CBL DEN I	Run (Sub NEUT G	mit cop R CBL	oy of eac DEN I	ch) NEUT			Was	well cored DST run? ctional Sur	₩ No	, , ,	⊟ Yes	(Submit analysis) (Submit analysis) (Submit analysis)
23. Casing	and Liner Re	cord (Repe	ort all string	s set in v	vell) .	-			<del></del>	<u> </u>					
Hole Size	Size/	Grade	Wt. (#/ft.)	To (MI		Bottor (MD)	1 -	Cemente Depth	ſ	of Sks. & of Cement	Slurry (BBI	I Cen	nent T	Гор*	Amount Pulled
13.50		.625 J-55	36.0	+	0		33			300				0	33
	8.750 7 000 N-8 6.250 4.500 N-8		23 (	<del></del>	0		33			560 165	<del></del>			0 4296	73 0
	4.	300 14-00	77.0	<del>' </del>	$\dashv$		-				<u> </u>			4290	
24. Tubin	n Dagard										<u> </u>				
Size Size	Depth Set (	MD) I P	acker Depth	(MD)	Sıze	D	epth Set (I	MD) I I	Packer Der	oth (MD)	Sıze	Depth Se	t (MI	))   F	Packer Depth (MD)
2 375	2 4 4 4 4 4	1865		2003			- P C .	,,,,,		(1.12)		2 5 7 3 5	(1.11	7	2 sp. (1.15)
25. Produc	ing Intervals						26. Perfor	ation Rec	ord						
	ormation		Тор	4700	Botto		F	erforated		0.4070	Size	No. Ho		0051	Perf. Status
A) F	RUITLAND	COAL		1790		1802			1642 To		0.34			OPEN OPEN	
C)						$\dashv$			1790 T		0.34			OPEN	
D)											_				
	racture, Trea		nent Squeez	e, Etc											
	Depth Interv		08 107689	# SAND	MAX PS	SI 4022	AVG PSI			Type of M		1BPM			
			02 59355#												····
28 Product	tion - Interva	-		_											
Date First	Test	Hours	Test	Oil	Gas		Water	Oil Gr	avity	Gas	Pr	roduction Metho	od		<del></del>
Produced 06/07/2006	Date 06/07/2006	Tested 3	Production	BBL 0.0	МС	23.0	BBL 11.0	Corr .	API	Gravity	- 1	F	WO 1	S FROM	M WELL
Choke	Tbg Press	Csg	24 Hr	Oil	Gas		Water	Gas O	ıl	Well Sta	itus	· · ·			
Size 0.5	Flwg 22 SI	Press 110 0	Rate	BBL 0	MC	F 189	BBL 88	Ratio		l P	GW				
	tion - Interva	!		L								e.em		nen	<b>KOH</b> RECORD
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MC		Water BBL	Oil Gra		Gas Gravity	Pr	oduction Metho		5 N 3/2	O THE R P CONTROL OF SOLE
		Losiou		200	l'ile	•		Con		Javily				EB 1	8 2011
Choke Size	Tbg Press Flwg	Csg Press	24 Hr Rate	Oil BBL	Gas MCI		Water BBL	Gas Oi Ratio	1	Well Sta	tus				
	SI	1.1033		200	1,,,,,,	•		, Kanio				FAR	が対	<b>XION</b>	FIELD-OFFICE

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #93106 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
\*\*\* BLM REVISED \*\*\* BLM REVISED \*\*\* BLM REVISED \*\*\* BLM REVISED \*\*\*

28b. Prodi	uction - Interv	al C		•								
Pate First roduced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Prod	uction Method	-	
hoke	Tbg Press Flwg	Csg Press.	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well State	18			,
28c Produ	SI iction - Interv	al D		·	<u> </u>	<u> </u>	Ļ					
ate First	Test	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Produ	iction Method		
roduced	Date	Tested	Production	BBL	MCF	BBL	Corr API	Gravity	11000	iction weinod		
hoke ize	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Statu	ıs .			
29 Dispos VENT	sition of Gas(S	old, used	for fuel, veni	ted, etc)	.1	<b>-</b>						
30 Summa	ary of Porous	Zones (Inc	clude Aquife	rs).				] 3	1. Formatio	n (Log) Mai	kers	
tests, ir	all important z neluding depti coveries.	ones of po	orosity and cotested, cushic	ontents there on used, tim	eof Cored te tool oper	intervals and a	all drill-stem shut-in pressure	s				
I	Formation		Тор .	Bottom	l	Description	s, Contents, etc.			Name		Top Meas Dept
									OJO ALA FRUITLA PICTUR MESAVE DAKOTA	AND ED CLIFFS ERDE		749 1169 1824 3873 6395
					·							
	nal remarks (i ne fact comp			dure):								
3 Circle er	nclosed attach	iments:										
	rical/Mechan		l full set rea	'd.)		2 Geologic R	eport	3. DS7	Γ Report		4. Direction	nal Survey
	ry Notice for	•	•			6. Core Analy		7 Othe	-			·
1. I hereby	certify that th	e foregoin	-			•	ct as determined			s (see attach	ed instruction	ons).
		ſ		For N	NOBLE EI	NERGY INC,	y the BLM Well sent to the Far E MASON on 0	mington		SE)		
Name (pl	lease print) J				p. 00000			GULATORY		•		
Signature	e (E	Electronic	Submission	n)			Date <b>09/2</b>	20/2010				
Signature												