Form 3160-4 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

RECEIVED MAR 12 2012

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

			page 2)								\longrightarrow			
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr.	Oil BBL	Gas MCF	Water	Gas ⁻ ()	Well Sta		ARMIN	NGTON F	IELD (OFFICE
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF ************************************	Water BBL	Oil Gra • Corr • A	APIesi.	Gas Gravity		Production			
28a. Produc	tion-Interval B									A	CCEP	TED FO	RRE	CORD
Choke Size 5/8"	Flwg	Csg Press. 460	24 Hr —>	BBL 0	Gas MCF 1992	BBL 40	Ratio	νı		tus SHUTII	Ŋ			_
	3/9/12 Tbg. Press.	3		Oil	MCF 249	BBL 5 Water	Gas (Well Sta	tus			FLOW	ING
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas	Water	Oil Gra	avity API	Gas Gravity	I	Production	n Method		
28 Product	ion - Interval A				····									IST. 9
														ner vil
			131,5	90# sd								Ę	CUD	MOD 15'17
	5' - 7538	· · · · · · · · · · · · · · · · · · ·	A. w/	1,500	gals 158	NEFE I	ICl a	cid. Fra			1 gals	foam f	ld ca	rrying
	Depth Interval	nem, cem	iem squeeze,	EIU.				Amount and	Type of	Material		 .		
D) 27 Acid F	racture, Treatr	nent Com	ent Saugeza	Etc			- 4				Щ_			
C)			<u> </u>						-				+-	
<u>B)</u>			ļ	_					_				ļ	
A)	DAKOTA		7315'	7:	5381	731	5' -	7538'		0.34		29		
	Formation		Тор	В	ottom	Pe	rforated	Interval		Size	1	No. Holes		Perf. Status
25. Produc	ing Intervals					26. Perfor	ation R	ecord				L. 		<u> </u>
Size	Depth Set (MD) P	Packer Depth (I	MD)	Size	Depth Set	(MD)	Packer De	pth (MD) S	Size	Depth Set	(MD)	Packer Depth (MD)
24. Tubing	Record													
				+							· · · ·	<u> </u>		
			-								_			
7~7/8"	5-1/2"	17#		76	43'			960						143
2-1/4"	8-5/8"	24#			29'		.,	360						10
Hole Size	Size/Grade	Wt (#ft.)	Top (MI) Botto	om (MD)	Stage Cem Depth		No of Sk Type of Ce		Slurry (BE	/ Vol. 3L)	Cement 7	op*	Amount Pulled
23 Casing	and Liner Rec	ord <i>(Repo</i>	rt all strings	set in well)									
GR/CCL/										/as DST r		X No X No	=	es (Submit report Yes (Submit copy)
21. Type E	lectric & Othe	r Mechani	cal Logs Run	(Submit o	copy of each	1)				as well c		X No	=	es (Submit analysis)
	TVD					VD						T	VD	
1/2/2 18. Total E			/26/12 549' 19) Plug Ba	nck T D N	MD	3/6/ 762		20. 1	Depth B	ridge Plu	6593' C	ID	
							D & A		Ready	to Prod				•
14. Date S ₁	. 2551/1		te T D. Reac	hed		16. Da	te Com	pleted				IO ARRIE 7. Elevation		NM RKB, RT, GL)*
At total o	iepth SAMI	7										2. County or		13. State
At top pr	od interval rep	orted belo	ow same									Survey or SEC.3D	-T26N-	
i i sui la	~ 880'I	.NL & 1	.140' FWL								11	Sec., T., R	., M., o	
4. Location At surface	n of Well (Rep		•		dance with i	∙ederal req	juireme.	nts)*			10	Field and I		Exploratory
382 CR	3100 Az	tec, N	M 87410					505-3	33-32	204	[30-039	-3100	2-004
3. Address							3a.	Phone No. (include	area coo	te) g	BREECH API Well I		Jt
2 Name o	f Operator ergy Inc.										8	Lease Nan		
		Otl	her		 :							Report		Lease
b Type o	of Completion.	_	New Well		-	Deepen		Plug Back	D	ıff Resvi	r, 7	Unit or C4	Agreer	ment Name and No
la. Type o	ofWell ┌	☐ Oil We	II X Gas	Well [Dry	Other		ال	n cau	of Lun	4 1119	If Indian, A	Allotee o	or Tribe Name

28b Producti	on - Interva	al C		-										
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method					
Choke Size			24 Hr	Oil BBL	Gas MCF	Water BBL	Gas. Oil Ratio	Well Status						
28c. Product	ion-Interva	l D		J			<u> </u>							
Date First Produced Date Hours Tested		Test Production	Production BBL MCF BBL Gravity					Gas Production Method Gravity						
Choke Size	Tbg Press Flwg. SI	Csg Press.	24 Hr	Oil BBL	Gas MCF	Water BBL	Gas: Oıl Ratio	Well Status	Well Status					
29 Dispositi	on of Gas (S	old, used for	fuel, vented, e	(c.)		TO BE	SOLD							
30 Summai	ry of Porou	s Zones (Inc	lude Aquifers):					31. Formati	on (Log) Markers					
Show all	important zo depth interv	ones of porosit	y and contents the state of the	nereof Co				1	DAKOTA 730 D CANYON 750 ISON 760	38				
Format	ion	Тор	Bottom		Descr	ntions Co	ontents, etc.		Name	Тор				
		ТОР	Bottom		Descri					Meas Depth				
								NACIEMEN	rio)	1450				
								OJO ALAM	D SS	2412				
								KIRILAND	SHALE	2591				
	FRUITLAND FORMATION						2709							
							LOWER FF	WITLAND COAL	2984					
						PICTURED	CLIFFS SS	3078						
								LEWIS SH	ALE	3216				
	CHACRA SS					SS	3986							
								CLIFFHOU	ISE SS	4763				
								MENEFEE		4854				
			i						OKOUT SS	5298				
								MANCOS S	HALE	5701				
				1		-		CALLUP		6442				
								GREENHOF		7222				
27 Adds:==		Control of	gging procedu					GRANEROS	<u> </u>	7283				
Z. Addition	an remarks	(memue piuj	gging procedu	ic).										
33. Indicate	which item	s have bee at	tached by plac	ing a che	ck in the a	ppropriate	poxes.							
Electri	ical/Mechar	nical Logs (1	full set req'd)	[Geok	ogic Repor	nt DST R	eport Directi	onal Survey					
Sundr	y Notice for	r plugging an	d cement veri	fication [Core	Analysis	Other:							
34. I hereby	certify that	the foregoin	ng and attached	l informa	tion is com	plete and	correct as determ	ined from all availal	ble records (see attached ins	tructions)*				
Name (ple	ease print)	LORRI	D. BINGHA	м				Title <u>REGULAT</u>	ORY ANALYST					
Ciarret	4	ALA	AG	1	2	24				. .				
Signature	J	July						Date <u>3/12/12</u>		-				
=														

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 fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 3)

Form 3160-4 . (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

RECEIVED

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

	WEL	- COM	PLETION	OR R	ECOMPLE	TION RI	EPORT	AND LO	G	MAR 1	12 2	Lease Seri	al No 3551	
la. Type	of Well	Oil W	ell X G	as Well	Dry	Other					- 1	5 If Indian. A		or Tribe Name
b. Type	of Completion	_ [<u>]</u>	New W	ell 🔲	Work Over	Deeper	n [Plug Back	real Ear	mingto	n Figi nd Nie	d Office' गानसन्दर्भाटिक	''A gree	ment Name and No.
		Ot	her						Juica	u 01 Lu		Report	. 1	Lease
	of Operator										[3. Lease Nam		
3. Addre	ergy Inc. ss						3a	Phone No. (ınclude	area cod	(e)	BREECH D. API Well I		9F
_382_CR			M 87410		 ;		L	505-3	333 <u>–3</u> 2	204				2-0063
4. Location	on of Well (Rep		-		cordance with	rederal r	equireme	ents)*			10	D. Field and F		
At sui i	880 i	NL & I	L140' F	WL							1	Sec, T, R	, M., o	
At top p	orod. interval rep	orted bel	ow sam	F.								Survey or . SEC . 3D-	Area -T26N -	-R6W
At total	danth			_							13	2. County or	Parish	13 State
14. Date S	- CF1/1		nte T.D. Re	anched .		16 0	Date Com	mlatad				IO ARRIE		NM RKB, RT, GL)*
14. Date 3	spudded	13. 0	ile I.D. Ke	eached			D& A		Ready	to Prod.		7. Elevation	S (Dr, r	(KB, K1, UL)
	′2012	1/	/26/12				3/6/		- 			6593' G	L_	
18. Total	Depth MD TVD	76	549'	19. Plu	g Back T.D:	MD TVD	76	23'	20. 1	Depth Br	idge Plu	-	D VD	
21. Type	Electric & Other	Mechan	ıcal Logs F	Run (Subi	nit copy of eac				22 W	Vas well co	red?	X No		Yes (Submit analysis)
-			Ū	,		,			N N	las DST n	ın	X No	=	Yes (Submit report
GR/CCI	J/CBL g and Liner Rece	- 1 /D	4 -11 -4-1-						D	Directional	Survey?	X No		Yes (Submit copy)
			T	<u> </u>	<u> </u>	Stage Ce	menter	No.of Sk	\$ &	Slurry	Vol	1		
Hole Size	Size/Grade	Wt (#fl)	Top (MID) I	Bottom (MD)	Dep		Type of Co	ement	(BB		Cement T	op*	Amount Pulled
<u>12-1/4"</u> <u>7-</u> 7/8"	8-5/8" 5-1/2"	24# 17#			529' 7643'			360 960						10 143
<u>/-//8"</u>	5-1/2	1/#	+-		7643			900				<u> </u>		145
						- 								
24 57 11														
24. Tubing			<u>-</u>			 		1				-		T
Size	Depth Set (1	MD) I	Packer Dept	h (MD)	Size	Depth Se	et (MD)	Packer De	pth (MD) Si	ze	Depth Set	(MD)	Packer Depth (MD)
25. Produ	cing Intervals					26. Perfo	oration R	ecord						
	Formation		Тор	_	Bottom	F	Perforated	Interval	_	Size	1	No. Holes		Perf. Status
A) B)	MESAVERDI	E	4836	5'	5506'	48	<u> </u>	55061		0.34"		32	 	
C)				-							+		\vdash	
D)						· · · · · · · · · · · · · · · · · · ·					1			
27. Acid, 1	Fracture, Treatm	nent, Cem	ent Squee	ze, Etc.										
	Depth Interval							Amount and						
483	<u> 5506'</u>	•			0 gals 15	% NEFE	HCl a	cid. Fra	c'd w	/121,8	44 ga	als foam	fld	carrying
		<u>-</u>	141	,100#	sd.								VD M	AR 15 12
		.										0.	<u> </u>	ST STEE
28 Product	tion - Interval A		<u> </u>										-DI)1. O
Date First Produced	Test Date 3/9/12	Hours Tested 3	Test Production		Gas MCF 118	Water BBL O	Oil Gra Corr	177	Gas Gravity	Pı	roduction	n Method	FLOW	ING
Choke Size 5/8'	Tbg Press. Flwg	Csg. Press. 460	24 Hr	Oil BBI	Gas	Water BBL O	Gas [,] (Ratio	Oil	Well Sta	tus SHUTIN	,	,		
	tion-Interval B		<u> </u>		<u> </u>					-,		ACCIEDI	rene	OR RECORD
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBI	Gas MCF	Water BBL	Oil Gra	'	Gas Gravity	Pi	oduction	n Method	- 	OV : Telegraphic indicates
			<u>→</u>			E,	1	<u> </u>	- 3	<u>_</u>		A A A	AR 1	3 2012
Choke Sıze	Tbg. Press. Flwg. SI	Csg Press.	24 Hr	Oil BBI	Gas MCF	Water BBL	Gas (ATOR	Well Sta	ıuS				
(See instructions	s and spaces for addit	ional data on				1 1	1 100		1 pl			BY SC	<u>はでい</u> シレ	FIELD OFFICE
						E T		MCI	>	V		UI <u>-3-</u>		

28b. Product	tion - Inter	val C										
Date First Produced	Test Date		ours ested	Test Production	Oıl BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method		
Choke Sıze	Tbg Pres	ss C Pi	sg ress.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status			
28c Produc	tion-Interv	val D			.1	<u> </u>				·····		
Date First Produced	Test Date	Н	ours ested	Test Production	Oil BBL			Oil Gravity Corr. API	Gas Gravity	Production Method		
Choke Size	Tbg Pres Flwg. SI		sg ress	24 Hr	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status			
29. Disposit	tion of Gas (Sold, use	ed for f	uel, vented, et	c.)		TO BE	9010				
20 8	CD	7	- (11.	1 A (C)	-		10 86		21 - Farmet	and an Madan		
Show all	l important g depth inte	zones of	porosity	and contents the c	nereof Co				1ST I	CANYON 75	809 688 526	
Forma	tion	Тор	,	Bottom		Descri	ptions, Co	ntents, etc.		Name	Тор	
											Meas. Depth	
									NACIEMEN		1450	
									OJO ALAM		2412	
									KIRTLAND	SHALE	2591	
			i						FRUITLAN	D FORMATION	2709	
	Ĭ		ĺ						LOWER FF	RUITLAND COAL	2984	
									PICTURE	CLIFFS SS	3078	
									LEWIS SH	IALE	3216	
	1		Ì						CHACRA S	SS	3986	
	l								CLIFFHOU	JSE SS	4763	
									MENEFEE		4854	
	ŀ									OKOUT SS	5298	
									MANCOS S	BHALE	5701 6442	
									GREENHOR	7NT	7222	
	ł		1						GRANEROS		7283	
32 Addition	nal remark	s (includ	de plug	ging procedur	 e):				GRAVEROS	<u> </u>		
				ached by plac	ing a chec		•			 		
==				full set req'd) I cement verif	ication [=	ogic Repor Analysis	DST Repo	ort Directi	onal Survey		
34. I hereby	certify the	at the for	regoing	g and attached	informat	ion is com	plete and o	orrect as determine	ed from all availal	ole records (see attached ins	structions)*	=
Name (pl	lease print) <u>LO</u> I	RRI D). BINGHA	1	1		Ti	tle <u>REGULAT</u>	ORY ANALYST		
	(7		(1		0	_				
Signature	·	7		W.	T	The	tam	<u>)</u> Da	ate 3/12/12			
								<u></u>				
itle 18 U.S.	C Section	1001 a	nd Titl	e 43 II S C	Section 1	212 make	it a crime	for any nerson kr	owingly and will	fully to make to any denar	tment or agency of the	I Init.

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 fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 3)

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	WEL	L COMP	PLETION	OR REC	OMPLET	ION RE	PORT	AND LO	3 MA	IK T≈	2014	NMM-0	3551	
la. Type	of Well	J oil w	ell 🗶 Gas	Well [] Dry	Other		F	armir	naton Fie	eld G			or Tribe Name
		_	New Well	_	ork Over			Plug Balk						
b. Type	of Completion			□ ₩0	IK OVEI	7 Deebeu	L] Flug Back	Г	mi.Resvi,.	Γ	Lunit or CA	. ~.	ment Name and No
2 Name of	of Omoroton		her									Zeport		Lease
	•										- 13	8. Leåse Nan		
3. Addres	ergy Inc.						3a.	Phone No (include	area code)		BREECH 9. API Well		9F
382 CR		tec. N	M 87410					505-3	33-32	204				2-0062
	on of Well (Rep			d in accor	dance with I	Federal req	juireme	ents)*						Exploratory
At surfa	ice 880 i 1	FINT. E. 1	L140' FWI									BASIN 1		
				_							1	1. Sec., T, R Survey or		r Block and
At top p	rod. interval rep	ported bel	ow same								1	SEC.3D		-R6W
			CELTE								Ī	2. County or		13. State
At total	depth SAM	3									F	IO ARRII	3A	NM
14 Date S	pudded	15. Da	te T.D. Read	ched		16. Da	te Com	pleted			_			RKB, RT, GL)*
							D & A		Ready	to Prod.				
	2012	1/	/26/12			<u> </u>	3/6/	12				6593' (
18. Total	Depth MD	76	1 1949	9 Plug B	ack T.D.: N		76	23'	20.	Depth Brid	ge Pli		ID VD	
	TVD			(0.1		TVD			1				VD	
21. Type I	Electric & Othe	r Mechan	ical Logs Ru	n (Submit	copy of each	1)			1	as well core	-	X №	=	Yes (Submit analysis)
σο /σστ	/cmr								1	Vas DST run Directional S		X No	=	Yes (Submit report Yes (Submit copy)
GR/CCL	and Liner Rec	ord (Renc	ort all strings	set in well	<u>, </u>					onectional 5	ii vey	X No		1 es (Suomit Copy)
i	<u> </u>		<u>_</u>			Stage Cem	enter	No of Sk	s de	Slurry V	ol.			
Hole Size	Size/Grade	Wt (#ft.)) Top (Ml	D) Botto	om (MD)	Depth		Type of Ce		(BBL		Cement	l'op*	Amount Pulled
12-1/4"	8-5/8"	24#		5	29'			360				ļ		10
<u>7-7/8"</u>	5-1/2"	17#		76	543'			960						143
												<u> </u>		
												L		
24. Tubing	Record													
Size	Depth Set (MD) I	Packer Depth (MD)	Size	Depth Set	(MD)	Packer De	pth (MD) Size	;	Depth Set	(MD)	Packer Depth (MD)
25. Produc	cing Intervals					26. Perfor	ation R	ecord			,			
	Formation		Тор	В	ottom	Pe	rforated	Interval		Size		No. Holes	<u> </u>	Perf Status
A)	MANCOS		6654 '	6	י 853	665	4' -	68531		0.34		75		
B)												K	CVU F	MK 15 12
C)													OIL C	ONS. DIV.
D)													D	IST. 3
27 Acid, I	racture, Treatr	nent, Cen	nent Squeeze	, Etc.										
	Depth Interval	<u>. </u>	1					Amount and	Type of	Material				
684	1' - 6853	,	Spear	thead 5	00 gals	15% NEI	E HC	l acid.	Frac'	d w/56,	292	gals fo	am fl	d carrying
				LO# sd.										
- 66	54' 6778'		A. w/	/1.000	gals 159	NEFE I	ICl a	cid. Fra	c'dw/	102,259	ga	ls foam	fld c	arrying
				00# sd.	<u>-</u>					,				
28. Product	ion - Interval A		, ,,,,,	<u> </u>	·									
Date First	Test	Hours	Test	Oil	Gas	Water	Oil Gr	avity	Gas	Pro	ductio	n Method		
Produced	Date 3/9/12	Tested 3	Production	BBL O	MCF 225	BBL 1	Corr	API	Gravity	}			FLOW	TNC
Choke	Tbg Press.	Csg	24	Oil	Gas	Water	Gas. (Oil	Well Sta	tus				
Size	Flwg	Press	Hr.	BBL	MCF	BBL	Ratio							
5/8"	<u> </u>	460			1800	1 8	L.—.			SHUTIN		COEDT	ch c	OR RECORD
Date First	tion-Interval B	Hours	Test	Oil	Gas	Water	Oil Gra	avity	Gas	Den		n Method	8	JIN NECOND
Produced	Date	Tested	Production		MCF	BBL Texts	Corr A		Gravity	''	auctio		D 1 1	3 2012
Choke	Tbg. Press	Csg	24	Oil	Gas ;	Water	Gas: (Well Sta	tus		ΔM	<u> </u>	<u> </u>
Size	Flwg SI	Press.	Hr.	BBL	MCF	BBL	Ratio				F	FARMING	TON F	FIELD OFFICE
(See instructions	and spaces for addu	tional data or	page 2)	_1					E.A		[37 SC	<u>V</u>	
			· · · · · · · · · · · · · · · · · · ·						11 A A					

8b. Production	- Interval (-								
Date First Test Hours Test Produced Date Tested Production		Test				Orl Gravity Corr API	Gas Gravity					
	bg. Press lwg	Csg Press	24 Hr	Oil BBL	Gas MCF	Water BBL	Gas. Oil Ratio	Well Status				
8c. Production)		J						· · · · · · · · · · · · · · · · · · ·		
ate First T				Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity				
	bg. Press lwg	Csg Press.	24 Hr	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status				
		l, used for j	fuel, vented, et	(c)	<u> </u>	TO BE	SOLD					
). Summary (of Porous 7	Lones (Incl	ude Aquifers):				. -	31. Format	tion (Log) Markers			
Show all imp	portant zones	s of porosity	y and contents the	nereof Co				1ST	DAKOTA 73	09 88		
	 -							MORR	ISON 76	26		
Formation	·	Тор	Bottom		Descr	ptions, Co	ntents, etc.		Name	Top Meas Depth		
								NACIEME	OIM	1450		
								OJO ALA	MO SS	2412		
		ŀ						KIRTLAN	O SHALE	2591		
		i						1	ND FORMATION	2709		
								LOWER F	RUITLAND COAL	2984		
	- [ĺ						PICTURE	D CLIFFS SS	3078		
		J		1				LEWIS S		3216		
								CHACRA	SS	3986		
								CLIFFHO	USE SS	4763		
								MENEFEE		4854		
								POINT L	OOKOUT SS	5298		
	Ì							MANCOS	SHALE	5701		
•	- 1	1		1				GALLUP		6442		
								GREENHO	RN	7222		
				ł				GRANERO	S	7283		
Additional	remarks (in	iclude plug	ging procedui	re):								
Electrical	/Mechanica	al Logs (1	tached by place full set req'd) d cement verif	Ī	Geol	ppropriate ogic Repor Analysis		port Direct	ional Survey	, , ,		
I hereby cer	rtify that th	e foregoin	g and attached	l informa	tion is com	plete and	correct as determi	ned from all availa	able records (see attached in	structions)*		
Name (pleas	e print)	LORRI	D. BINGHA	<u>M</u>				Title <u>REGULAT</u>	ORY ANALYST	····		
Signature _		the	DE	7	La)	h)	<u></u> [Date <u>3/12/12</u>	2			
18 U.S.C	Section 10	01 and Ti	ile 43 U.S.C.	Section !	1212, make	e it a crime	for any person ter within its juri	knowingly and wi	llfully to make to any depar	tment or agency of the		

(Continued on page 3) (Form 3160-4, page 2)