Form 3160-4 (August 2007)

(See instructions and spaces for additional data on page 2)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

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

			DOMEAN	OI LA	ND WILLIAM	COLUMNIST		_			- 1			•
•	WEL	L COMP	PLETION	OR REC	OMPLE1	TION RE	PORT	AND LO	G			5. Lease Ser		
la Type	of Well F	7 03.04		· -	1 15							NMM-C		or Tribe Name
	L		II X Gas		Dry	Other		.			1	n/A	Allotte	or tribe rank
b. Type	of Completion		New Well	Wo	rk Over	Deepen	L	Plug Back	, 🔲 D	iff Res	vr,		A Agree	ment Name and No.
2 Name	of Operator		her		·							N/A		
	erqy Ínc.										1	3. Lease Nai		
3. Addres							3a	Phone No	(include	area c	ode)	BREECH API Well		48F
382 CR	3100 Az		M 87410						333-36	530				5-00(1
4. Locatio	on of Well (Rep	ort locatio	on clearly an	d in accord	lance with	Federal red	quireme	ents)*			10			Exploratory
At surfa	ce 665'F	VL & 23	305' FEL					. ,	,		<u> </u>	BASIN		
											1	Survey or		r Block and
At top p	rod interval rep	ported bel	^{ow} SAME											26N-R6W
At total	depth case	-									1	2. County or		13 State
14 Date S	. SANG	·	ite T D. Read	ahad.		16. Da	to Com	plated				IO ARRI		NM RKB, RT, GL)*
14 Date 3	puducu	13 00	ile 1 D. Kea	Siled			D & A	ipicica Is	Ready	to Pro	od [ˈ	/ Elevation	IIS (DI', I	KKD, KI, GL)
3/30	/2012	4/	12/2012				5/10	/2012	7)			6589'G	L	
18 Total I				9. Plug Ba	ck T.D: N	MD		85'	20 1	Depth I	3ridge Plu		ЛD	
	TVD	_				TVD							`VD	
21 Type E	Electric & Other	r Mechani	ical Logs Ru	n (Submit c	opy of eacl	h)			22 W	as well	cored?	X No		Yes (Submit analysis)
	. 1									/as DST		X No	=	Yes (Submit report
GR/CCL,	CBL and Liner Rec	ard (Pane	ut all atuings	not we well	· · · · · · · · · · · · · · · · · · ·			·		rection	al Survey?	X No	<u> </u>	Yes (Submit copy)
- I						Stage Cem	enter	No of SI	(n 8)	Clur	ту Vol	r		T
Hole Size	Size/Grade	Wt (#ft)	Top (MI	<u> </u>	m (MD)	Depth		Type of C	ement		BBL)	Cement	Top*	Amount Pulled
2-1/4"	8-5/8"	24#			22'			380						30 BBL
7-7/8"	5-1/2"	17#		77	10'			112	0					100 BBL
												ļ		
						·-							-	
24 T-1-	1							<u> </u>						
24. Tubing	g Record	· · · · · ·								-,				
Size	Depth Set (I		Packer Depth (MD)	Size	Depth Set	(MD)	Packer De	epth (MD)	 	Size	Depth Se	t (MD)	Packer Depth (MD)
2-3/8"	7403'					26 Perfor	ention D	acord .						1
25. 110dac	Formation		Тор	D,	ottom		rforated			Size	,	Vo Holes	1	Perf Status
A)]										0.34			-	Ton Status
B)	BASIN DAKO	IA	7,286	<u> </u>	507 '	1,20	0, -	7,507'		J. 341			DOLL	D MAY 25'12
C)														CONS. TIU.
) D)				 					_				1888	K _ 5 BB 22
	racture, Treatn	nent Cem	ent Squeeze	Etc.										DIS1.3
	Depth Interval	ioni, con	Squooze	, 200.				Amount and	Type of I	Material				
	6' - 7,507	11	A w/	′1 000 c	mals 15%	NEEE I	ICT a	c. Frac				s foam	fld c	arrying
	· //50.			160# sd.		14312		<u> </u>	, u ,,,	-507	<u>g</u> a			
			=			· 								
	· · · · · · · · · · · · · · · · · · ·	*												
8 Producti	ion - Interval A							-		•				
Date First	Test	Hours	Test	Oil	Gas	Water	Oil Gra	vity	Gas		Production	Method		
Produced	Date 5/10/2012	Tested 3	Production	BBL O	MCF 102	BBL 17	Corr A	UPI	Gravity			2	FLOW	ING :
Choke	Tbg Press	Csg.	24 .	Oil	Gas	Water	Gas (Dil	Well Stat	ius	(\V-	-3-	74.3	UNU.
Size 3/8"	Flwg Sl 560	Press. 1350	Hr	BBL O	MCF 816	BBL 126	Ratio	ľ		SHUT	TNI			
	tion-Interval B				1 010	120	L	L	<u>.</u>	OLIU I	<u> 447 </u>	ACCE	PTET	FOR RECORD
Date First	Test	Hours	Test '	Oil	Gas	Water-	Oil Gra	vity	Gas	T	Production		v0 # 8amilia	- 1 - 1 2 F THE AS NOTED
Produced	Date	Tested	Production	BBL	MCF	BBL	Corr A	LPI	Gravity	1			VAM	1 4 2012
Choke	Tbg Press	Csg.	24	Oil	Gas	Water BBL	18 23 E	400	Well Stat	us			<u> </u>	- 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
Sıze	Flwg SI	Press.	Hr	BBL	MCF	RBL	MAIN	ノレロ				FARM	MATC	N FIELD OFFICE

nto Eirct I T	cst	Hours	Test	Tou	LGan	Water	0.1	I Com	Dandantan Mathad	
oduced D	est Pate	Tested	Production	Oil BBL	Gas MCF	BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
	bg. Press Iwg. I	Csg Press	24 Hr.	Oil	Gas MCF	Water BBL	Gas. Oil Ratio	Well Status	•	
c. Production	n-Interval D	1			_!		 	I		
	est Pate	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method	
ze F	Tog. Press. Csg. 24 Oil Gas Water Gas: Oil Well Status Tilwg. Press Hr. BBL MCF BBL Ratio				· • · · · · · · · · · · · · · · · · · ·					
		used for j	fuel, vented, e	lc.)		TO BE	SOLD			
Show all un	portant zones	of porosity	ude Aquifers) y and contents the contents t	nereof: Co				31. Format	ion (Log) Markers	
Formation		Гор	Bottom		Descri	intions Co	ntents, etc.		Name	Тор
			- Dottom						Ivanic	Meas.Depth
								LOWER FI	RUITLAND COAL	3042'
								PICTURE	CLIFFS SS	3052'
	1							LEWIS SI	HALE	3201
							•	CHACRA S	SS	39591
								CLIFFHO		4740'
								MENEFEE		4826'
							•		OOKOUT SS	5289'
	Ī							MANCOS S		5653'
•			•					GALLUP	,	6384 '
								TOCITO	,	6798'
							•	GREENHOR	PN	7198'
		}						GRANEROS		7256'
		İ						DAKOTA 1	l	7284'
								BURRO CA		7561'
		Ī						İ	ľ	
			ging procedur				-	MORRISON	<u> </u>	7644 '
	,	, ,	,	-7.						,
Indicate wh	ich items ha	ve bee att	ached by plac	ing a chec	k in the ap	propriate	boxes:			
			full set req'd) I cement verifi	. [=	gic Report Analysis	DST Rep Other:	ort Durecti	onal Survey	
I hereby cer	tify that the	foregoing	g and attached	informat	ion is comp	plete and c	orrect as determin	ed from all availab	ole records (see attached inst	ructions)*
Name (please	e print) <u>F</u>	RISTEN	D. LYNÇI	<u>I</u>			Т	tle REGULATO	ORY ANALYST	
Signature 4	King	e U	B. Z	gn	ch	_	Da	ate <u>5/11/20</u>	12	
					 				fully to make to any departi	

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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

	,		BUREAU	OF LAN	D MAN	AGEMEN	ΙT	回回				Expu	res July 31, 2010
	WELI	_ COMP	PLETION O	R RECO	MPLE	TION REI	PORT			.H W L.	5 Lease Sei		
la Type	of Well	Oil We	ll X Gas W	'ell	Dry	Other		-	4074	1 6016	6 If Indian,	Allotee	or Tribe Name
b Type	of Completion	_	New Well		Over [Deepen		Plug Back Farm	n Diffi	Resvr. Off	N/A 7- Unit or C	A Agree	ment Name and No
2 Name o	of Operator		-					- 34.77 0		<u>a Manau</u>	8 Lease Na	me and I	Well No
	ergy Inc.										BREECH		
3 Addres							3a	Phone No (i		•	9. API Well	No.	
382 CR	3100 Az on of Well (Repo		M 87410	, , , , , , , , , , , , , , , , , , ,		Cadanalna			33-363	0			5-0012
At surfa			805' FEL	in accorac	ince wiin	reaerai rei	quiremei	nis) ·			10 Field and BASIN		Exploratory S
At top p	rod interval rep	ported bele	OW CIANAGE								SEC 13	r Área	r Block and 26N–R<i>6</i>W
At total	danth		SAME								12 County o	r Parısh	13 State
14 Date S	· SANT		te T D Reach			16 Do	ite Com	nlatad			RIO ARRI		
	•			eu			D & A	X	Ready to	o Prod.		•	RRB, RT, GL)
	/2012	<u> </u>	12/2012	DI D	1 7 5			/2012	100 5	1.5.1	6589'G		
18 Total I	Depth MD TVD	77	20' 19	Plug Bac		MD TVD	768	35'	20 De	pth Bridge	_	MD FVD	
21 Type E	Electric & Other	r Mechani	cal Logs Run	Submit co	py of eac	h)			22 Was	well cored?	X No		Yes (Submit analysis)
										DST run	X No		Yes (Submit report
GR/OCL		ard /Dama	ut all atuuss s	-4 II)					Dire	ectional Surve	ey ⁷ X No		Yes (Submit copy)
Hole Size	Casing and Liner Record (Report all strings set it				ttom (MD) Stage Cemer					Slurry Vol	Cement	Top*	Amount Pulled
2-1/4"	8-5/8"	24#		52:	, 	Depth	'	Type of Cement 380		(BBL)			30 BBL
-7/8''	5-1/2"	17#			7710'		1120						100 BBL
				-					-				
24 Tubing	Record												
Size	Depth Set (MD) P	Packer Depth (M	D) 5	Size	Depth Set	(MD)	Packer Dep	oth (MD)	Size	Depth Se	et (MD)	Packer Depth (MD)
2-3/8"	7403'						· · ·	<u> </u>	·				
25. Produc	cing Intervals		,			26 Perfor	ration Re	ecord					
	Formation		Top Bottom		tom	Perforated Interval			:	Size	No Holes		Perf Status
	BASIN MANO	xxs	6,597'	6,8	6,806		6,597' - 6,80		0.	34"	28		
3)													MAY 25'12
<u>) </u>													nuc nu.
)) 	C						*					<u> </u>	ers.
	Parth Interval	nent, Cem	ent Squeeze,	±tc				Amount and	Type of Mo	ntarial			
Depth Interval 6,597' - 6,806' A. w/1,000 gals						L NIEGE L	UCT ac		ls foam f				
0,53	- 0,000				115 13	NEPE I	ici ac	s. Frac	Q W/ 90	5,703 ga	IS TOME I	<u>.10 Ca</u>	ттушу
129,280# sd.													
	ion - Interval A			T 6.1		T.v.	Love			15:			
Date First Produced	Test Date 5/10/2012	Hours Tested	Test Production	Oıl BBL O	Gas MCF 92	Water BBL 4	Oil Gra Corr A		Gas Gravity \	Produc	tion Method	FL O W	ING.
Choke Size	Tbg Press Flwg	Csg. Press	24 Hr	Oil BBL	Gas MCF	Water BBL	Gas C Ratio	Oil -	Well Staffus	s show) • • 3 •	-2843	4.54.51
3/8'	SI 560		_	0	739	. 29	<u> </u>		SI	UT IN	A.P.	aeeri	ED FOH HECOR
28a Produc Date First	Test	Hours	Test	Oil	Gas	Water	Oil Gra	vity [/	Gas	Produc	tion Method	ALL DE	
Produced	Date	Tested	Production	BBL	MÇF	BBL	Corr A	API (Gravity			MA	Y 1 4 2012
Choke Sıze	Tbg Press Flwg SI	Csg Press	24 Hr	Oil BBL	Gas MCF	Water BBL	, Gas C Ratio		Well Status	3	FAF	MIN U	TON FIELD OFFI
		4		<u> </u>	<u> </u>								

28b Producti				T	T =		T			
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	Tbg Press Flwg SI	Csg Press	24 Ht ->	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status		
28c Produc	tion-Interva	ıl D								
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	Tbg. Press Flwg SI	Csg Press	24 Hr —>	Oıl BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status		
29. Disposit	ion of Gas (S	iold, used for	fuel, vented, e	tc.)		TO BE	SOLD			
30 Summa	ary of Poros	e Zones (Inc	lude Aquifers)	•	 ,	~~~~~~~		31 Forma	tion (Log) Markers	
Show all	I important zo g depth interv	ones of porosit	y and contents to	hereof Co				37. 7611114	non (20g) markers	
			D							Тор
Forma	ition	Top Bottom			Desc	riptions, Co	ontents, etc.		Name	Meas.Depth
	T							LOWER F	RUITLAND COAL	3042'
								PICTURE	D CLIFFS SS	3052'
								LEWIS S	HALE	3201'
								CHACRA	SS	39591
								CLIFFHC	USE SS	4740'
								MENEFEE	1	4826'
									OOKOUT SS	5289'
								MANICOS	SHALE	5653'
								CALLUP		6384 '
								TOCITO		67981
								GREENHO	RN	7198'
•								GRANERO	S	72561
				l I			,	DAKOTA	1 .	7284 '
								BURRO C	ANYON	7561'
		_						MORRISC	N .	7644'
33 Indicate	e which iter	ns have bee a	gging procedu ttached by pla full set req'd) nd coment ven	cing a ch	Geo	appropriate logic Repo		ceport Direc	tional Survey	
					——————————————————————————————————————			nined from all avail	able records (see attached in	structions)*
			N D. LYNC						TORY ANALYST	-
								,	- 	
Signatur	. 4/1.	XIII	A.	\mathcal{L}_{aa}	l			Data = E/11 /0	012	
Signatur	·	Valvar	D. 7	m				Date	<u>U12</u>	-R
Citle 18 U.S	C Section	1001 and T	itle 43 U S C	Section	1212, mal	e it a crim	ne for any person	n knowingly and w	illfully to make to any depa	rtment or agency of the Ur
							atter within itc in		, , , , , , , , , , , , , , , , , , , ,	

States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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Form 3160-4 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED OMB NO. 1004-0137

Expires July 31, 2010 BUREAU OF LAND MANAGEMENT WELL COMPLETION OR RECOMPLETION REPORT AND LOG Lease Serial No Chmm²03554 6 difilindian, Allotee or Tribe Name Diff Reston Fig. 1a. Type of Well Oil Well X Gas Well Dry Other New Well Work Over Deepen Plug Back b. Type of Completion: 7. Unit or CA Agreement Name and No. BUTE Name of Operator 8 Lease Name and Well No XIO Energy Inc BREECH C #248F 3a. Phone No (include area code) Address 9 API Well No 382 CR 3100 Aztec, NM 87410 <u>505-333-3630</u> 30-039-31075~00°C Location of Well (Report location clearly and in accordance with Federal requirements)* 10 Field and Pool, or Exploratory BLANCO MESAVERDE 665'FNL & 2305' FEL 11. Sec., T., R, M., or Block and Survey or Area At top prod. interval reported below SAME SEC 13 (B) -T26N-R6W 12. County or Parish At total depth SAME RIO ARRIBA 14. Date Spudded 16 Date Completed 17 Elevations (DF, RKB, RT, GL)* 15. Date T.D Reached Ready to Prod. D&A 3/30/2012 4/12/2012 5/10/2012 6589 'GL 18. Total Depth MD 19. Plug Back T.D.: MD 20. Depth Bridge Plug Set MD 77201 7685 TVD 21. Type Electric & Other Mechanical Logs Run (Submit copy of each) X 22 Was well cored? No Yes (Submit analysis) Was DST run X No Yes (Submit report \mathbf{x} GR/CCL/CBL Directional Survey? No Yes (Submit copy) 23 Casing and Liner Record (Report all strings set in well) Stage Cementer No.of Sks & Slurry Vol (BBL) Hole Size Size/Grade Wt (#ft) Top (MD) Bottom (MD) Cement Top* Amount Pulled Depth Type of Cement 12-1/4" 8-5/8" 5221 24# 380 30 BBL 7-7/8" 5-1/2" 17# 7710 1120 100 BBL 24. Tubing Record Size Depth Set (MD) Packer Depth (MD) Depth Set (MD) Packer Depth (MD) Depth Set (MD) Packer Depth (MD) Size 2-3/8" 74031 25. Producing Intervals 26. Perforation Record No Holes Perf Status Formation Top Bottom Perforated Interval Size A) BLANCO MESAVERDE 4,787' - 5,425' 0.34" 4,787' 5,425' 28 B) IL CUNU. DIV. C) didi. S 27. Acid, Fracture, Treatment, Cement Squeeze, Etc Depth Interval Amount and Type of Material 4,787' - 5,425' A. w/1,000 gals 15% NEFE HCI ac. Frac'd w/143,164 gals foam fld carrying 150,132# sd. 28 Production - Interval A Oil Gravity Corr API Date First Gas MCF 49 Production Method Hours Test Water Gas BBL 2 Produced BBL O Gravity (Tested Production /10/2012 Choke 24 Well Status Tbg. Press Csg Gas Water Gas. Oil ~ Нг BBL MCF BBL Flwg SI 560 SHUT IN 3/8" 1350 389 0 13 ACCEPTED 28a. Production-Interval B Oil Gravity Corr API Date First Test Hours Oil Gas MCF Water Gas Production Method Test MAY 1 4 2012 Produced BBL BBL Gravity Date Tested Production FARMINGTON FIELD OFFICE Choke Tbg Press. Csg 24 Gas MCF Water Gas Oil Well Status

W

Press

Нr

BBL.

BBI.

Ratio

Flwg

SI

Size

ate First	Test	Hours	Test	Oil	Gas	Water	Oil	Gas	Production Method	
oduced	Date	Tested	Production	BBL	MCF	BBL	Gravity Corr API	Gravity	Troduction Pictured	
oke e	Tbg Press Flwg SI	Csg Press	24 Hr —>	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status		
c. Produc	tion-Interva	al D				·				
nte First oduced	Test Date	Hours Tested	Test Production	Otl BBL	Gas MCF	Water BBL	Oıl Gravıty Corr API	Gas Gravity	Production Method	
oke ze	Tbg Press Flwg. SI	Csg Press	24 Hr ->	Oil BBL	Gas MCF	Water BBL	Gas. Oil Ratio	Well Status		
Dispositi	ion of Gas (S	Sold, used for j	uel, vented, e	tc)	•	TO BE	SOLD			
Show all	l important zo g depth interv	ones of porosity	ude Aquifers) and contents to used, time to	hereof. Co				31. Format	ion (Log) Markers	
Format	tion	n Top Bottom			Descr	iptions, Co	ntents, etc		Name	Тор
		-							TITTE AND COLT	Meas Depth
		ĺ							RUITLAND COAL	3042'
	ł	l							CLIFFS SS	3052'
]							LEWIS S		3201 '
								CHACRA S	SS	3959'
	j	Ì						CLIFFHO	USE SS	4740'
	1							MENEFEE		4826'
								POINT L	DOKOUT SS	√-5289 ¹
								MANCOS S	SHALE	56531
	ĺ							GALLUP	ļ	6384 '
	ŀ							TOCITO		6798 '
								GREENHO	3N	7198'
	1							GRANEROS	3	7256'
				j				DAKOTA 1	L	7284 '
	1	İ		Ì			•	BURRO CZ	NYON	7561'
								MORRISON	1	7644'
Electri	ical/Mechar	nical Logs (1	tached by plac full set req'd) d cement vern	_ [Geold	ppropriate ogic Repor Analysis		port Durect	ional Survey	·
					ion is com	plete and c	orrect as determin	ned from all availa	ble records (see attached ins	tructions)*
Name (ple	ease print)	KRISTE	D. LYNC	H			T	itle <u>REGULAT</u>	ORY ANALYST	
	b	Listo	6	. 0	Por	ch	r	Date 5/11/20	12	
Signature	4	0030			0				<u> </u>	
	/	0030		и	0					

(Continued on page 3)

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