Form 3160-4 (August 2007) 

## **UNITED STATES** DEPARTMENT OF THE INTERIOR

## RECEIVED

FORM APPROVED OMB NO. 1004-0137 Expires July 31, 2010 BUREAU OF LAND MANAGEMENT WELL COMPLETION OR RECOMPLETION REPORT AND LOG 5. Lease Serial No

	***************************************							— Fa	, minete	n Field	்ரு, Jica	rilla Co	ontract 97
la Type o	of Well	Oıl We	II 🗶 Gas	Well	Dry	Other		Burea	au of La	and Man	19themenric	ui, Anotee o	i Thoe Ivanie
••	of Completion	Oth	New Well	1	rk Over	Deepen		Plug Back	Dif	f Resvr,.	Jica	rilla A	nent Name and No.
2. Name of	•										8 Lease 1	Name and W	/ell No.
Energen  3. Address	Resources	s Corpo	pration		<del></del>		3a.	Phone No. (i.	include ai	rea code)		rilla 97	#6M
	nmington,	Farmi	natan. N	IM 87401				•	25–680	,	9. API W		•
4. Location	n of Well <i>(Repo</i>	ort locatio	n clearly ar	nd in accord	dance with	Federal re	quireme		20 000			139-31025	Exploratory
At surfac	ce 2425	' FSL,	680' 1	FWL (L)	NW/SW	Sec. 7	T26N	RO3W NME	PM.		Basi	n Dakota	1
At top pr	od. interval rep	·		. ,	·						Survey	R., M, or or Area	Block and 2 <b>6N,R03W N.M.P.</b>
At total d	lepth											or Parish	13. State
14 Date Sp	oudded	15 Da	te T D. Rea	ched	<del></del>	16. Da	ate Com	pleted					KB, RT, GL)*
							D&A		Ready t	o Prod.		, .	, ,
6/26/		7/	26/11				2/22	/12			690	03' GL	
18 Total D	TVD	80	60'	19. Plug Ba		TVD	785 785		20. De	epth Bridg	ge Plug Set	MD TVD	
21. Type E	copy of eac	h)				s well corec	100	_	'es (Submit analysis)				
(T) (A)	/cc	. متحملات	DOMES / One :	/ <del>~~</del>	or /cm *=	T ~~~	<b>N</b> # # * * * * * * * * * * * * * * * * *			s DST run	No X No	=	es (Submit report
	and Liner Reco					T COMP	NTKN		Dir	ectional Sur	rvey <sup>)</sup> 🗶 No	, LJ ,	/es (Submit copy)
Hole Size	Size/Grade	Wt (#ft )	<u> </u>			Stage Cen		No of Sks		Slurry Vo	ol Com	ent Top*	Amount Pulled
			<del></del>		ottom (MD)		h	Type of Ce	ment (BBL)				
12.25"	9.625"	32.3#		i	271			140 sl			i	rface	8 bbls - circ
8.75"	7.0"	23#			984	3343		835 sl 285 sl				0'db1	
6.25"	4.50"	11.6#	+	+ '	7968		6173				The state of the s	0 dbl	<del></del>
			-		+			1155 sks			313	0 dbl	· · · · · · · · · · · · · · · · · · ·
24 Tubing	Record												
Size	Depth Set (1		acker Depth	(MD)	Size	Depth Se	t (MD)	Packer Der	pth (MD)	Size	Depth	Set (MD)	Packer Depth (MD)
2.375" 25 Produc	7784'				-	26 Perfo	ration R	ecord	<del></del>	<u>l</u>			<u> </u>
23 110000	Formation		Тор	l R	ottom		erforated			Size	No Holes	.	Perf Status
A) F	Basin Dako	nta	7802 1	<del></del>			7804-7	7816		40"	36		3 spf
B)	DESTIT DAKE	<del>/</del>	7002 1				7004 7		<del>  '</del>				
C)												RCVL	) MAR 6'12
D)													JONS, DIV.
27. Acid, F	racture, Treatr	nent, Cen	ent Squeeze	e, Etc	·····					•			)IST. 3
1	Depth Interval							Amount and	Type of M	aterial			
Bas	sin Dakota		1000	gal 15	HCL;	69,905	gal 1	FR water	frac,	5000#	100 mesh	, 54,500	# of 20/40
	,												
	ion - Interval A	<del>,</del>											
Date First Produced	Test Date 2/14/12	Hours Test Oil Gas Tested Production BBL MCF 13 - 0 0		MCF	Water BBL Corr API			Gas Produc Gravity		luction Method	ction Method flowing		
Choke Size 1/8"	Tbg Press Flwg. SI SI 700	Csg Press	24 Ht	Oil BBL	Gas MCF	Water BBL	Gas <sup>-</sup> C Ratio	Oil I	Well Statu	s	,		
							•					(Facility of the Control of the Cont	
28a. Product	tion-Interval B				T =	T 112	Oil Gra	tv	Gas	Prod	luction Method	H ACC	EPTED FOR RECORD
28a. Product Date First Produced	Test Date	Hours Tested	Test Production	n Oil BBL	Gas MCF	Water BBL	Corr. A		Gravity	1100	denon vicinoa	1	CP IED FOR NECURD
Date First Produced	Test Date	Tested Csg	Production 24	n BBL Oil	MCF Gas	BBL Water	Corr. A	OIL					
Date First Produced	Test Date	Tested	Production	n BBL	MCF	BBL	Corr. A	OIL	Gravity			i k	EC: 2 9 2012

<u> </u>								- · · · · · · · · · · · · · · · · · · ·				
28b Product	ion - Interv	val C										
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oıl Gravıty Corr API	Gas Gravity	Production Method			
Choke Size	Tbg Pres Flwg SI	Csg Press	24 Hr	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status				
28c. Produc	tion-Interv	al D	1	<del></del> _		1		, <b>.</b>				
Date First Produced	Test Date	Hours Tested	Test	Oil BBL				Gas Gravity				
Choke Size	Tbg Pres Flwg SI	SS Csg Press	24 Hr	Oıl BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status				
29 Disposit	tion of Gas (	Sold, used for	fuel, vented, e	etc)	1	to be	sold	L		<del>-</del>		
30 Summa	ary of Poro	us Zones (Inc	lude Aquifers)	)				31 Forma	ition (Log) Markers	<del>.</del>		
Show al	ll important	zones of porosi	ty and contents t	thereof. C				31. Toma	inon (Eog) Markers			
Γ		Т	D-44		D					Тор		
Forma	tion	Тор	Bottom		Desci	riptions, Co	ontents, etc.		Name	Meas Depth		
										MD AND TVD BELOW		
								San Jos	e	surface		
								Ojo Ala	mo	3106		
								Kirtlan	ad.	3241		
								Fruitla	and .	3353		
								Picture	xd Cliffs	3601		
								Huerfan	ito Bentonite	4082		
								Cliff H	louse	5297		
								Menefee	-	5391		
								Point I	ookout	5779		
								Mancos		6268		
								Niobrar Greenho		6497 7713		
								Granero		7775		
								Dakota	)S	7802		
32 Additio	nnal remarl	ks (include nli	I igging procedi	ure).				Dakota		7802		
Elect	trıcal/Mech	nanıcal Logs (	attached by pla I full set req'd and cement ver	)	Geo	appropriate logic Repo e Analysis		eport Direc	ctional Survey			
34 I hereb	y certify th	nat the forego	ng and attache	ed inform	ation is coi	mplete and	correct as deterr	nined from all avail	able records (see attached	instructions)*		
Name (p	please prin	t) Anna :	Stotts					Title Regula	tory Analyst			
Signatui	re	Inn	n Stot	6				Date 02/24/	12			

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

Form 3160-4 (August 2007)

## UNITED STATES DEPARTMENT OF THE INTERIOR

RECEIVED

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

FARMINGTON FIELD OFFICE BY IL Salvers

	,		BUREAU (	OF LAN	D MANA	GEMEN	TI.						Expir	res July 31, 2010	
*	WEL	L COMP	LETION OF	REC	OMPLET	ION RE	PORT	ANDLOG	27	2012	-   -	. Lease Seri	al No.		
												Jicari.	lla C	ontract 97	
1a. Type	of Well	Oil Wel	I X Gas W	ell $\square$	Dry	Other		rarmingt				. If Indian, A	Allotee	or Tribe Name	
					•		<u>3</u> 1	ur <b>eau of L</b> ] Plug Back	a <u>nd</u> №	lanagen	յeր,	Jicarilla Apache			
b Type	of Completion:	L <b>x.</b> Oth	New Well er	∐ wor	k Over	Deepen	L	Plug Back	Пр	ıff.Kesvr,.	7	7. Unit or CA Agreement Name and No.			
2. Name o	of Operator										۲,	3. Lease Nan	and V	Well No	
	n Resource	s Corpo	ration								_ ՝	Jicari.			
<ol><li>Addres</li></ol>	SS						3a.	Phone No. (1	nclude	area code)	9	API Well		, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
2010 F	armington,	Farmir	gton, NM	87401				505-3	<u>25–68</u>	800		30-039	-3102	5-00C2	
	on of Well (Rep	ort locatio	n clearly and i	n accord	ance with l	Federal re	quireme	ents)*			10			Exploratory	
At surfa	ace 242	5' FSL,	680' FW	L ( <b>L</b> )	NW/SW	Sec. 7	T26N	RO3W NME	M.		L	Blanco			
											11	I.Sec., T., R Survey or	l., M., o Area	r Block and	
At top p	rod interval re	ported belo	W								- }	L-Sec.	7, T	26N, RO3W N.M.P.	
											12	2. County or	Parish	13. State	
At total	depth										R	io Arrik	oa.	NM	
14. Date S	Spudded	15. Dat	e T D. Reache	d		16 Da	ate Com			·	1	7. Elevation	ıs (DF, l	RKB, RT, GL)*	
							D & A	<u>x</u>	Ready	to Prod.					
6/26	<del></del>	7/:	26/11				2/22	2/12				69031	GT.		
18. Total I	Depth. MD	80	<b>1</b> 9.	Plug Ba	ck T.D N		78	52'	20 1	Depth Brid	ge Plı	ıg Set: M	ſD		
	TVD		50'			'VD	78	52'				T	VD		
21 Type I	Electric & Othe	r Mechanic	al Logs Run (	Submit c	opy of each	ı)			22 W	as well core	d۶	X No		Yes (Submit analysis)	
						Was DST run					X No Yes (Submit report				
	∕cc, cest s					L COMP	NTRN		D	urectional Su	ırvey?			Yes (Submit copy)	
23. Casing	g and Liner Rec	ord <i>(Repor</i>	t all strıngs se	t in well)						***************************************					
Hole Size	Size/Grade	Wt (#ft)	Top (MD)	Botton	tom (MD) Stage			No of Sks		Slurry Vol.		Cement Top*		Amount Pulled	
12.25"	9.625"	32.3#		2	71			Type of Cer	<del></del>			surfa		8 bbls - circ	
8.75"	7.0"	23#		1	84	2242		Ť			1350			o mas - circ	
			<del>                                     </del>	1	<del></del>	3343		835 sks			<del></del>				
6.25"	4.50"	11.6#	<del> </del>	/9	68	6173		<del>                                     </del>	285 sks				<u>cbl</u>		
			<del></del>	<del> </del>				1155 s	ks			3130	<u>cbl</u>		
				ļ											
				<u> </u>								l			
24 Tubing	g Record														
Size	Depth Set (	MD) Pa	cker Depth (MI	))	Size	Depth Set	t (MD)	Packer Dep	th (MD)	Size		Depth Set	(MD)	Packer Depth (MD)	
2.375"	7784	<u>'l</u>							-						
25. Produc	cing Intervals					26 Perfo	ration R	lecord							
	Formation		Тор	Во	ttom	Pe	erforated	Interval		Size	1	No Holes	1	Perf Status	
A) Bl	anco Mesav	<i>r</i> erde	5297 MD	626	7 MD	5	5780-!	5790		. 40"		27	T	1 spf	
B)						5807-5	813.	5824-5830	5				72.52.05		
C)					-		5855-5						(CV	) MARC 130	
D)				<u> </u>			<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>	<del>5000</del>	_				JIL (	<del>JONS. DIV. —</del>	
	Fracture, Treatr	ment Ceme	nt Squeeze E	tc.	+							•		<del>7.57.3</del>	
	Depth Interval	neik, cenk	ant Squeeze, E					Amount and 7		(atarial			,		
			1000 0				200	Amount and T							
Branc	∞ Mesaver	ove	1200 G	4T T24	HUL ac	1a, 34	,300 (	gal 13CP	70Q I	Delta 1	40,	151,700	# of 2	20/40 sand	
														·	
					F11										
28 Product	ion - Interval A	<b>L</b> .													
Date First	Test	Hours	Test	Oil	Gas	Water	Oil Gra	Anri I	Gas	Proc	luction	n Method			
Produced	Date 2/14/12	Tested 13	Production	BBL 0	MCF 0	BBL <b>14</b>	C011. 7	, I	Gravity				flow	ring	
Choke	Tbg Press	Csg	24	Oil	Gas	Water	Gas (	Oil (	Vell Stat	us				—- <u>4</u>	
Size 1/8"	Flwg	Press	Hr	BBL	MCF	BBL	Ratio								
		br and			L										
	tion-Interval B		Т	0.1	I d.	117.	Louis			- I =		36.3			
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gra	. n. '	Gas Gravity	Proc	tuction	n Method	***	EPTED FOR RECORD	
			<b>&gt;</b>				<u> </u>						ALL	AL IED LOW MCOOM	
Choke Size	Tbg Press Flwg.	Csg Press.	24 Hr	Oil BBL	Gas MCF	Water BBL	Gas. ( Ratio	Oil V	Well Stat	us			ص	מברים מי מחוים	
	SI SI		<b>&gt;</b>		]		HMA	CD.					٢	EE 2 9 2012	
See instructions	and spaces for addit	tional data on	page 2)		·	·	WITH	الله الله الله الله الله الله الله الله				i i	FARI	MENGTON FIELD OFFICE	

28b. Producti	- <del></del>									
Produced	First Test Hours duced Date Tested		Test Production	Oıl BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method	
Choke Size	Tbg Pres Flwg. SI	Csg Press	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas Oıl Ratio	Well Status		
28c. Product	tion-Interv	al D				<del></del>		<u></u>		
Date First Produced			Test Production	Oil BBL			Oil Gravity Corr. API	Gas Gravity	Production Method	
Choke Size	Tbg Pres Flwg. SI	Csg Press	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas <sup>.</sup> Oil Ratio	Well Status	1	• "
29. Dispositi	ion of Gas (	Sold, used for	fuel, vented, e	tc.)	<u> </u>	to be	sold			
30 Summa	ry of Poro	us Zones (Inc	lude Aquifers)	·				31. Forma	tion (Log) Markers	
	g depth inter		ty and contents t						, <b>U</b>	
Format	tion	Тор	Bottom		Descr	uptions, Co	ontents, etc.		Name	Тор
		<u> </u>	Bottom Bostipholo, Coments, etc							Meas.Depth
										MD AND TVD BELO
	ĺ							San Jos	е	surface
	1		İ					Ojo Ala	mo	3106
	ĺ		}					Kirtlan	d	3241
								Fruitla	nd	3353
	1							Picture	d Cliffs	3601
								Huerfan	ito Bentonite	4082
	,							Cliff H	ouse	5297
								Menefee		5391
	į							Point L	ookout	5779
								Mancos		6268
								Niobrar	a	6497
								Greenho	m	7713
								Granero	s	7775
								Dakota		7802
33 Indicate	which ite	ms have bee a	gging procedu ttached by pla	cing a che		ippropriate		nort Direct	tional Survey	
Sundr	ry Notice f	or plugging a	nd cement veri	fication	Core	Analysis	Other:	·		
34. I hereby	certify the	at the foregoi	ng and attache	d informa	tion is con	nplete and	correct as determi	ned from all availa	able records (see attached	instructions)*
Name (pl	lease print	Anna S	Stotts					Title Regulat	tory Analyst	
Signature	e	Inna!	Hotte				I	Date <u>02/24/1</u>	12	

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