Form 3160-4 3 (August 2007) UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

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

60	". WEL	L COMP	PLETION (OR REC	OMPLE	TION REI	PORT	ANDLOC	212	011	ı	se Seria			
la. Type	611. #							-armingto						pache 119 or Tribe Name	
ra. Type	orc.i		ll X Gas		Dry	Other		reau of la	nd Ma	nademe	mil	caril			
b Type	of Completion		New Well	Wor	k Over	Deepen		Plug Back	Di	ff.Resvr,.	U U			nent Name and No) .
	of Operator	c Corre	arati on								I	se Nam			
3. Addres		s corp	<u>JIACIOII</u>	, , , , , , , , , , , , , , , , , , , 			3a.	Phone No. (1	nclude d	rea code)		rthwe Well N		IN	
2010 F	armington,	Farmi	naton. N	м 87401				505-3	25-68	00				3- aaca	
1. Locatio	n of Well (Rep	ort locatio	on clearly an	d in accord	ance with	Federal req	quireme	nts)*						Exploratory	
At surfa	ce 2252	' FNL,	1528' E	EL (G)	SW/NE	Sec. 8	T26N	RO4W N	1PM		Bl	anco	Mesav	zerde	
		•			•							., T., R. vey or A		Block and	
At top p	rod. interval re	ported bel	ow											26N, RO4W N	.M. P
444-4-1	danel.										12.Cot	inty or l	Parish	13. State	
At total	. 223	- ,	FEL '522	• •	8 T26N			•				Arrib		NM	
14. Date S	pudded	15. Da	te T D. Read	ched		16. Da		•	Doody	to Drad	17. El	evations	s (DF, F	RKB, RT, GL)*	
0/0/	11		19 19 9				D & A	لشا	Keauy	to Prod.		71.00	. ~		
8/8/ 18 Total I	Depth, MD		/1/11 76' 1	9. Plug Ba	ck T.D.	 MD	10/2		120 T	epth Bridg	re Plug Se	7139 t: M			
.s. Iouil	TVD	82	.,0. ,	, ing Da		TVD	822	24'	20. 1	pui Diiug	,	ı. ivii TV			
21. Type I	Electric & Othe	r Mechani	cal Logs Ru	n (Submit c					22. W	as well cored	d? X			Yes (Submit analysis))
••			-	,	- ·	•			1	as DST run	X	No	=	es (Submit report	
TEMP/A	RRAY IND-E	RTAP SH	ALLOW CO	CUSED/SI	PECTRAI	GR/CI	BLIG	SRICCL	D	rectional Su		No	<u> </u>	Yes (Submit copy)	
23. Casing	and Liner Rec	ord <i>(Repo</i>	rt all strings	set in well)											
Hole Size	Size/Grade	Wt (#ft.)	Top (MI	D) Botto	n (MD)	Stage Cem		No.of Sks Type of Cer		Slurry Vo (BBL)	ol c	Cement T	op*·	Amount Pulled	i
2.25"	9.625"	32.3#			4341		Depth			See Rem	بر وبلوء	- 260 TS -		0	
3.75"	7.0"	23#				200 sl 3452' 540 sl			OF JEIN	1	surface		103 bbls -	cir	
5.25"	4.50"										4130 CBL		0		
.23	3.50	11.0	+	- 62	/_	6371'		440 3/	-			3140'			
			<u> </u>								- 3	170			
		-													
24. Tubing	Record				1				1		l				—
Size	Depth Set (MD) F	acker Depth (MD)	Size	Depth Set	(MD)	Packer Dep	oth (MD)	Size	D	epth Set	(MD)	Packer Depth (N	(D)
2.375"	8133		uener Bepuir (1,12)			()	1	···· (-·- <u>)</u>				(
25. Produc	ing Intervals					26. Perfor	ation R	ecord							
	Formation		Тор	Во	ttom	Per	rforated l	Interval		Size	No. H	oles		Perf Status	
A) Blanco Mesaverde			54851	64	64781		38',	6041-43'		.34"	29			1 spf	
5)						6045-	471,6	5065-761							
()						6112-1	14',	6133-35						24.25	
D)						•	6147-	49'						12232	رج ^ي
27. Acid, F	racture, Treat	ment, Cem	ent Squeeze	, Etc.									ં /ગું	E	
	Depth Interval					·		Amount and 1	Type of N	laterial			13	RECEN	
Bland	o Mesaver	de	109,4	147 gal	x/link	N2 foam	n, 178	8,000# 20)/40 s	and			001	<u> </u>	No. or Sa?
													15	1961 20	1 1
										_			19	OIL CONS. DIV. I	DIST. 3
											-		14%	*	
Product	ion - Interval A													ξε _λ	و ب
Date First Produced	Test	Hours	Test	Oil	Gas	Water	Oil Gra Corr A		Gas	Prod	luction Met	hod		2111016	9
roduced	Date 10/18/11	Tested	Production	BBL	MCF	BBL			Gravity				flow	ring	
Choke Size	Tbg, Press. Flwg	Csg. Press.	24 Hr.	Oil	Gas MCF	Water BBL	Gas. C Ratio	Oil V	Well Stat	us	_		_		
3/8"		SI 240		BBL	820	72	Kallo								
	tion-Interval B														
	T =	Hours Tested	Test Production	Oil	Gas	Water	Oil Gra Corr A		Gas	Prod	luction Met	hod A	CEPTE	D FOR RECORD	1
8a. Produc	Test		CLOUDELLON	BBL	MCF	BBL	1 "	. 1	Gravity	- 1		į.			â
28a. Produc Date First Produced	Date	rested		<u> </u>				١							—
28a. Produc Date First	Date Tbg Press	Csg.	24	Oil	Gas MCF	Water	Gas C	Oil V	Well Stat	us			OC.T	2 4 2011	
8a. Produc Date First Produced Choke Size	Date	Csg. Press	24 Hr		Gas MCF	Water WOC	Gas C Ratio	Dil 1	Well Stat	us				2 4 2011	

28b. Froductio	on 🎙 Inter	val C								-
Date First Produced	Test Date	Hours Tested		Oil BBL			Oíl Gravity Corr API	Gas Gravity	Production Method	1980
Choke ** Size	Tbg. Pres Flwg. SI	SS. Csg. Press.	24 Hr	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status		
28c Product	ion-Interv	al D	,\				<u> </u>	. <u>I</u>		
Date First Produced	Test Date	Hours Tested		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 Ratıo	Well Status	•	
29. Disposition	on of Gas (Sold, used fo	or fuel, vented, e	etc.)		to be	sold			
Show all	important :	zones of poro	nclude Aquifers) sity and contents t shion used, time t	hereof. Co				31. Formati	on (Log) Markers	
Formati	ion	Тор	Bottom		Descr	iptions, Co	ontents, etc.		Name	Top Meas.Depth
								San Jose)	surface
								Naciemen	ito	2230
								Ojo Alam	o Ss	3220
								Kirtland	l	3443
								Fruitlan	nd	3500
								Pictured		3840
								Lewis Sh		3926
								Cliff Ho		5485
								Menefee		5629
	ľ							Point Lo	okout	6029
								Mancos		6479
								Gallup		7130
								Greenhor	m ·	7950
	1							Graneros	1	8008
								Dakota		8139
Indicate Electri	which iter	ms have bee		cing a che	eck in the a		boxes:		onal Survey	cebout
				d informa	tion is con	nplete and	correct as determ	ined from all availat	ole records (see attached in	structions)*
Name (ple	ease print, M	Anna A	Stotts					Title <u>Requlate</u>	ory Analyst	
Signature	4	Inn					<u>_</u>	Date	1	
itle 18 II S (7. Section	1001 and	Title 43 U.S.C.	Section	1212 mol-	e it a crim	e for any person	knowingly and will	fully to make to any dana	rtment or agency of the Uni

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)

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

UNITED STATES DEPARTMENT OF THE INTERIOR

OCT 21 2011

KEULWED

FORM APPROVED OMB NO. 1004-0137

FARMINGTON FIELD OFFICE BY_T_Solvers

Expires July 31, 2010 BUREAU OF LAND MANAGEMENT 5. Lease Serial No WELL COMPLETION OR RECOMPLETION REPORT AND LOGITON Field Office Bureau of Land Manag Jicarilla Apache 119 1a. Type of Well 6. If Indian, Allotee or Tribe Name Oil Well X Gas Well Dry Other Jicarilla Apache New Well Work Over Deepen Plug Back Diff.Resvr,. b. Type of Completion: 7. Unit or CA Agreement Name and No. Other Name of Operator 8. Lease Name and Well No Energen Resources Corporation Northwest #4N 3a. Phone No. (include area code) 9. API Well No. 2010 Farmington, Farmington, NM 87401 505-325-6800 30-039-3<u>1038- 00</u>C Location of Well (Report location clearly and in accordance with Federal requirements)* 10. Field and Pool, or Exploratory At surface Basin Dakota 2252' FNL, 1528' FEL (G) SW/NE Sec. 8 T26N R04W NMPM 11. Sec, T., R., M., or Block and Survey or Area At top prod. interval reported below G-Sec. 8, T26N, R04W N.M.P.M. 12. County or Parish 13. State At total depth 2234 'FNL'1522 FEL (G) Sec. 8 T26N R04W <u>Rio Arriba</u> 14. Date Spudded 15. Date T.D. Reached 16. Date Completed 17. Elevations (DF, RKB, RT, GL)* Ready to Prod. □ D & A 7139' GL 8/8/11 9/1/11 10/20/11 18. Total Depth MD 19. Plug Back T.D.: MD 82761 8224' 20. Depth Bridge Plug Set: MD TVD TVD TVD 21. Type Electric & Other Mechanical Logs Run (Submit copy of each) X No 22. Was well cored? Yes (Submit analysis) Was DST run X No Yes (Submit report TEMP/ARRAY IND-RTAP SHALLOW COCUSED/SPECTRAL GR CBL GR CCI Directional Survey? X No Yes (Submit copy) 23. Casing and Liner Record (Report all strings set in well) Stage Cementer No.of Sks. & Slurry Vol. Hole Size Size/Grade Wt (#ft.) Top (MD) Bottom (MD) Cement Top* Amount Pulled Type of Cement (BBL) Depth 12.25" 9.625" 32.3# 4341 -260 - TS 200 sks See Remarl 0 8.75" 7.0" 23# 34521 40991 103 bbls - circ. 540 sks surface 6.25" 4.50" 11.6# 6371 8271' 440 sks 4130 CBL 0 3140' 24. Tubing Record Depth Set (MD) Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) Packer Depth (MD) 375" 2. 81331 25. Producing Intervals 26. Perforation Record Formation Perforated Interval Size No Holes Perf. Status Top Bottom A) Basin Dakota 79501 8040-45',8056-62' B) 8141-47',8170-82' 40" 87 3 spf C) 22224 25202 D) 27. Acid, Fracture, Treatment, Cement Squeeze, Etc. Depth Interval Amount and Type of Material 0 Basin Dakota 180,247 gal 2% KCL slickwater, 113900# 20/40 sand OIL CONS. DIV U 28. Production - Interval A 440100 Oil Gravity Corr API Date First Test Hours Oil Gas Water Production Method Test Gas Produced Date 10/18/1: Production BBL MCF BBL Gravity Choke Water Tbg Press Oil Gas MCF Csg Gas: Oil Well Status Press Hr BBL BBL Flwg. Size Ratio SI 3/8" SI 0 SI 240 820 72 28a. Production-Interval B Oil Gravity Corr. API Date First Hours Oil Water Test Test Gas Gas Production Method ACCEPTED FOR RECORD BBL MCF Produced Date Tested Production BBL Gravity Choke Tbg. Press Csg. 24 Oil Gas Gas: Oil Well Status 2 4 2011 Hr. BBL NEWO CIBatio Size Flwg Press MCF

E-11 roduction - 11	terval C								
Date First Test Hours Produced Date Tested		Test Production	Oil BBL	Gas MCF	Water BBL	Oıl Gravity Corr API	Gas Gravity	Production Method	
Choke Tbg lize Flwg SI	Press Csg Press.	24 Hr →	Oil BBL	Gas MCF	Water BBL	Gas: Oıl Ratıo	Well Status	-	
8c. Production-In	erval D	_ '				<u> </u>			
Date First Test roduced Date	Hours Tested	Test Production	Oil BBL ·	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method	
Choke Tbg. ize Flwg SI	Press. Csg Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Corr API Gas: Oil Ratio	Well Status		
Disposition of G	as (Sold, used for	fuel, vented, e	tc.)		to be	sold			
0. Summary of P	rous Zones (Inc	hide Aquifers)					21 Formet	ion (Log) Markers	
Show all import	ant zones of porosi	ty and contents t	hereof. Co				31. Format	ion (Log) ividikeis	
	T				D				Тор
Formation	Top Botton			Descriptions, Contents, etc.				Name	Meas.Depth
							San Jose)	surface
							Naciemer	nto	2230
							Ojo Alar	no Ss	3220
		1					Kirtland	1	3443
							Fruitlar	1	3500
							Picture		3840
							Lewis St		3926
							Cliff Ho	ouse	5485
							Menefee		5629
							Point Lo	ookout	6029
							Mancos		6479
							Gallup		7130
							Greenho	m	7950
		!					Graneros	3	8008
							Dakota		8139
Indicate which	24 2011)	attached by pla	cing a che	cck in the a		boxes:		ional Survey	
I. I hereby certify	that the forego	ing and attache	d informa	tion is com	plete and c	correct as determin	ed from all availa	ble records (see attached ins	tructions)*
Name (please p	rint) Anna	Stotts				т	tle <u>Requlat</u>	ory Analyst	
Signature	ync ?	31.	1			D	ate <u>10/21/1</u>	1	