Form 3160-4 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB NO. 1004-0137 Expires: November 30, 2008

WELL COMPLETION OR RECOMPLETION REPORT AND LOG												5. Lease Serial No. Jicarilla Cont. 97			
1a. Type of Well Oil Well X Gas Well Dry Other												6. If Indian, Allotee or Tribe Name			
on wen E day wen E 21,											Jicarilla Apache				
b. Type of Completion:											svr,.	7. Unit or CA Agreement Name and No.			
	•	C 0000	00 477 011									8. Lease Na	ime and V	Vell No.	
ENERGEN RESOURCES CORPORATION 3. Address 3a. Phone No. (include area code)											ode)	Jicarilla 97 6			
2198_Bloomfield Highway, Farmington, NM 87401 505-325-6800											ouc)	9. API Well No.			
4. Location	on of Well (Rep	ort locati	on clearly an	d in accor	dance with I	ederal req	uiremen	 nts)*	<u> </u>	000			9-2626		
At surface 1150' FNL, 790' FEL												10. Field and Pool, or Exploratory Blanco Mesaverde 11. Sec., T., R., M., or Block and			
At top prod. interval reported below											L	Survey o	г Агеа , Т26N,	R3W, N.	M.P.M.
At total depth											ı	12.County or Parish 13.State Rio Arriba NM			
14. Date S	•	15. Da	ate T.D. Read	ched			ate Com D & A	-	Ready	y to Pı	1	17. Elevations (DF, RKB, RT, GL)*			
	9/99		2/22/99				07/0	2/01				6921'	GL		
18. Total Depth: MD 7986 19. Plug Bz					Back T.D.: MD 7945 20. Depth Bridg						Bridge Plu	Plug Set: MD TVD			
21. Type l	Electric & Othe	r Mechan	ical Logs Ru	n (Submit					22. Wa	ac mali	coredo F			Sub-it · · ·	
7.	,			, 3 23 mile	-F) St Cac	,				is well is DST		X No X No		Submit analysis Submit report	<i>)</i>
GR/Tem	p/HRI/GR/S	pec De	n/Dual S	paced I	Neutron				1		al Survey?	<u> X</u> }∘		es (Submit co	py)
23. Casing	g and Liner Rec	ord (Repo	ort all strings	set in wel	1)				'						
Hole Size	Size/Grade	Wt.(#ft.) Top (MI	D) Bott	tom (MD)	Stage Cen Depti		No.of S Type of C			ırry Vol. (BBL)	Cement	Top*	Amount	Pulled
12-1/4	9-5/8	36	0		241			177 cu			BBL)	surface			
8-3/4	7	20	0	3	1989			1011 cu				750			
6-1/4	4-1/2	11.6	3989) 7	986			938 cu.				4028			
							· · ·	i							
															
24. Tubing	g Record														
Size	Depth Set (1	MD) I	Packer Depth (MD)	Size	Depth Set	t (MD)	Packer D	epth (MD)		Size	Depth S	et (MD)	Packer De	oth (MD)
2-3/8 25 Produc	7817					26 D 6									
23. 11000	Formation		Top			26. Perfor					- 				
A) Blanco Mesaverde			т _{ор} 5642		Sottom 5992			orated Interval Size				No. Holes		Perf. Status	
B)			3042	 -	1992	5642,48,58,60,62,90, 92,5715,17,76,78,92,				0.34	<u> </u>	36		-	
C)	,											1	1]3.3.		
D)							94,5800,02,04,11,13, 81,33,35,50,52,56,58,								
	Fracture, Treatn	nent. Cem	ent Squeeze	Etc	——· .	<u>31,33,3</u>	<u>, 50, 50,</u>	,32,30,5	8, [- & \	S 156	2001		
	Depth Interval	, , , , ,		, 200.				Amount and	Type of N	Materia	T C	707-	300	اري <u>دي ا</u> اري چه	
564	2' - 5992'		116.0	00 gal	s. 60Q f	oam & 1	110 0					0		1 Ecc. 1	
				<u> </u>	<u> </u>	oun u .	110,0	0011 2074	o sun		- Kis	Cit			
											165	}	V	E CONT	
				····	 .							Co El	2 20 11	145	
28. Product	ion - Interval A											201	المالمال	VA	
Date First	Test	Hours	Test	Oil	Gas	Water	Oil	1	Gas		Production	Method		. (<u>?</u>	
7/02/01	Date 07/09/01	Tested 7dy	Production	BBL	MCF	BBL	Gravit	ty	Gravity				Flow	ina .	Oo
Choke Size	Tbg. Press. Flwg. SI 875	Csg. Press. 1020	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: C Ratio	Oil	Well Status				1 1011	~?	JUL O A 7
28a, Produc	tion-Interval B	LTOZU			300	<u> </u>	L				-			- 450 kO	<u> </u>
Date First	Test	Hours	Test	Oil	Gas	Water	Oil	——г	Gas		Production	Method		G612	<i>w</i>
Produced	Date	Tested	Production	BBL	MCF	BBL	Gravit	y	Gravity	_	FIGURETION	Method	b.	-	
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: C Ratio	Oil	Well Status						
See instructions	and spaces for addit	tional data o	n reverse side)			<u> </u>			·		 .				

										·	
8b. Producti	on - Interval		·								
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water Oil BBL Gravity			Gas Gravity	Production Method	
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio		Well Status		
28c. Product	tion-Interval	D		·							
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity		Gas Gravity	Production Method	
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio		Well Status		
29. Dispositi	ion of Gas (So	ld, used for	fuel, vented, et	c.)		To be	sold				
30. Summa	ry of Porous	Zones (Incl	ude Aquifers):						31. Format	tion (Log) Markers	
tests, i	all important neluding dep es and recove	oth interval	orosity and co tested, cush	ntents th	nereof: Co l, time too	red interva ol open, i	als and all drill- flowing and sh	-stem nut-in			
Forma	tion	Тор	Bottom		Descriptions, Contents, etc.					Name	Top Meas.Depth
Mesaver	de	5642	5999	(00	(continued from front) 70,72, 74,90,94,5918,20,33,35,90,92 1JSPF (total of 36 holes)					по	3220
11004401		0012		1						d l	3420
			 							nd	3462
									!	d Cliffs	3715
									Lewis	u 011110	3770
	1									ito Bentonite	4112
										ouse	5307
									Menefee		5414
	1								Point L		5745
									Mancos	UURUUL	6260
											6745
										rn	7730
										S	7794
			1 1 1						Dakota		7918
32. Additio	onal remarks	(include plu	gging procedu	ге):	·						
									,		
33. Circle	enclosed atta	chments:					**, * *				· · · · · · · · · · · · · · · · · · ·
			full set req'd)		2. Geologic 6. Core A	=	3. DST Repo	ort	4. Directiona	d Survey	
34. I hereb	y certify that	the foregoi	ing and attache	d inform	ation is cor	nplete and	correct as deter	rmined	from all avail	able records (see attached in	structions)*
Name (p	please print)	Vicki	Donaghey					Title	Product	tion Assistant	
Signatu	re <u>Vic</u>	ki-	DW	ıAp	uy			Date	07/19/	01	- 1. 1.

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.