Form 3160-4 (Ápril 2004)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED ROUD JAN240* OMB NO. 1004-0137* Expires March 31, 2007 OIL CONS. DIV

WELL COMPLETION OR RECOMPLETION REPORT AND LOG											5. Lease Serial No. Jicarilla Cont. 152 6. If Indian, Allotee or Tribe Name					
la. Type of Well Oil Well 🔽 Gas Well Dry Other																_
Garage Control										0.1	Jicarilla Apache					
	of Completion:	Oth	•		KOVEI [Deepen	<u> 2007 -</u>	Ling Baci	<u> </u>	Dilla	esvre 6	7. (ment Name a	nd No.
2. Name o	•							(HF)	CEI			8.1	Lease Na	me and V	Vell No.	
ENERGEN 3. Addres	I RESOURCE:	S CORPC	RATION				3a.	Phone No.			code)			illa 1	52W #	4B
2198 B	loomfield	Highway	, Farmir	ngton, N	M 874	01		505-		-6800			API Wel	1 No. 9-2929 4	1	
4. Locatio	n of Well (Repo	ort locatio	n clearly and	d in accord	ance with	Federal red	quireme	nts)*			**********	_			Exploratory	
At surfa	^{ce} 730 ¹	FNL,	1960' F	WL	NE/NW								Blanc	o Mesan	verde	
At top p	rod, interval rep	orted belo	ow.									5	Survey o	r Area	r Block and T26N, R0	5W NIMEM
At total	lepth											1	County o	or Parish Lba	13.State	
14. Date S	pudded	15. Dat	e T.D. Reac	hed			nte Com D & A	pleted	x Re	ady to F	Prod.	17.	Elevation	ons (DF, I	RKB, RT, GL)*
02/0		<u> </u>	02/15/06				01/	16/07						l'GL		
18. Total I	Depth: MD TVD	76	46' 19	9. Plug Bac		MD IVD	76	33'	20). Dept	h Bridge	Plug		MD TVD		
21. Type I	Electric & Other	r Mechanic	cal Logs Rur	ı (Submit co	py of eac	h)			22.	Was wel	l cored?		No		Submit analysis)
	-									Was DS			No		Submit report	,
no new	and Liner Reco	ard (Reno	rt all strings	set in well)					<u> </u>	Directio	nal Survey	<u>/?</u>	XN	<u>, </u>	es (Submit co	py)
Hole Size	Size/Grade	Wt.(#ft.)		— —	n (MD)	Stage Cem	nenter	No.of S			lurry Vol.	Т	Cemen	t Top*	Amount	Pulled
12.25"	9.625"	32.3	<u> </u>		9'	Depth		Type of 0		\top	(BBL)	十			177 cu.	ft circ
8.75"	7.0"	23.3	- 		58'			600								.ftcirc.
6.25"	4.50"	11.6		764				410				丁			,	ft CBL
								*****							1	TOC: 3370'
24. Tubing	Record			L		, ,										
Size	Depth Set (MD) P	acker Depth (1	MD)	Size	Depth Set	(MD)	Packer D	epth (1	MD)	Size	\Box	Depth S	et (MD)	Packer De	pth (MD)
2.375"	7539															
25. Produc	ing Intervals		•			26. Perfor	ration R	ecord			 -			, -		
	Formation		Тор	. Bo	ttom	Pe	rforated	Interval		Siz			. Holes		Perf. Statu	
	- Point Lo	okout	5298'	54	821				\dashv	0.3	4"		30		1 s ₁	<u>of</u>
B) C) M (7 - Cliffh	M150	4892'	-51	44'					0.3	4"		30		1 sp	
D)		Juse	4032	_ 						<u> </u>	•		<u> </u>			^
27. Acid, I	racture, Treatr	nent, Cem	ent Squeeze,	Etc.												
	Depth Interval							Amount and	d Type	of Mater	rial					
529	8' - 5482'	,	133,7	16 gals	. 60Q s	slickwat	ter f	oam & :	106,	700#_	20/40	san	<u>d</u> _		·	
489	2' - 5144'	'	121,6	70 gals	60-650) slick	watee	r foam	£ 14	3,000	# 20/4	10 s	and			
28. Product	ion - Interval A															
Date First Produced	Test Date 01/16/07	Hours Tested 3	Test Production	Oil BBL	Gas MCF 858	Water BBL	Oil Gravit	ty	Gas Grav	ity	Produc	ction N	Method	flow	ing	
Choke Size	Tbg. Press. Flwg. Sl 130	Csg. Press. 130	24 Hr.	Oit BBL	Gas MCF	Water BBL	Gas: (Ratio	Dil	Well	Status						
28a, Produc	tion-Interval B	1 200	·····			<u> </u>								APP	COTENS	NO DEPAREN
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravit	ty	Gas Grav	ity	Produc	tion N	Method	- NI-VI	•	X SZO CAD
Choke	Tbg. Press.	Csg.	24	Oil	Gas	Water	Gas: (Dil		Status	<u> </u>				JAH 22	2007
Size	Flwg. Sl	Press.	Hr.	BBL	MCF	BBL	Ratio							CADA		N POSSOE

100 Shu

ion - Interv	al C				······································				
Test	Hours	Test	Oil	Gas	Water	Oil	Gas	Production Method	P. Control of the Con
Date	Tested	Production	BBL	MCF	BBL	Gravity	Gravity		
Tbg. Press Flwg. Sl	Csg. Press.	24 Hr>	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Sta	itus	
tion-Interva	ıl D		· · · · · · · · · · · · · · · · · · ·						
Test Date	Hours Tested	Test Production	Oil Gas Water Oil Gravity		Oil Gravity	Gas Gravity	Production Method		
Tbg. Press Flwg. SI	Csg. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status		,
ion of Gas (S	old, used for j	fuel, vented, et	c.)	****					
- of Doron	a Zanas (Incl	hida Aquifora):				· · · · · · · · · · · · · · · · · · ·	21 5	ermation (Log) Markers	
ill importan	nt zones of pe epth interval	orosity and co	ntents th	nereof: Co , time to	red interva ol open, i	als and all drill-st lowing and shut	em	Milation (Log) Markets	
								· · · · · · · · · · · · · · · · · · ·	Тор
tion	Тор	Bottom		Descr	iptions, Co	ntents, etc.		Name Nacimiento Ojo Alamo Kirtland Fruitland Pictured Cliffs Lewis Otero Cliffhouse Menefee Point Lookout Mancos Gallup Greenhorn	Meas.Depth
							Naci	miento	1602
							Ojo .	Alamo	2422
									2770
									2932
- 1							Pict	ured Cliffs	3197
									3336
i									4126
									4887
l									4974
									5406
							Mano	os	5929
1							Gall	up	6338
							Gree	nhorn	7313
1							Gran	eros	7375
							Dako	ta	7421
nal remark	s (include plu	gging procedu	re):				Dako	ta	7421
e which iter	ns have bee a	ttached by plac	ing a che	eck in the a	ppropriate	boxes:			
	- ,	• •	fication			nt DST Re	port I	Directional Survey	
y certify tha	nt the foregoin	ng and attached	d informa	ition is con	nplete and	correct as determ	ined from all	available records (see attache	ed instructions)*
lease print,	Vicki_	Donaghey					Γitle <u>Req</u>	ılatory Analyst	·
· Vic	(i)	Sign	Kuy	/		1	Date	01/17/07	
			, ,	1					
	Test Date Tbg. Press Flwg. S1 tion-Interva Test Date Tbg. Press Flwg. S1 on of Gas (S) ry of Porou all importance of the sand reco tion nal remark:	Tog. Press. Flwg. Sl Tog. Press. Flwg. Csg. Press. Sl Tog. Press. Csg. Flwg. Csg. Press. Sl Tog. Press. Csg. Press. Sl Tog. T	Test Date Tog. Press. The Hours Test Production Tog. Press. Test Date Test Date Test Production Test Production Test Production Test Production Test Production Tog. Press. Flwg. S1 Ton of Gas (Sold, used for fuel, vented, et and recoveries) Top Bottom Top Bottom Top Bottom Top Bottom Top Which items have bee attached by place and recoveries Top Volice for plugging and cement verify certify that the foregoing and attached by certify the foregoing and certification by certification b	Test Date Tested Production BBL Tobg. Press. Csg. Press. Hr. Dil BBL Test Date Tested Production BBL Test Date Tested Production BBL Test Date Tested Production BBL Tobg. Press. Csg. Press. Hr. BBL Tobg. Press. Csg. Press. St Hr. BBL Tobg. Press. Csg. Press. Csg. Press. St Hr. BBL Tobg. Press. Csg. Press. Csg. Press. BBL Tobg. Press. Csg. Press. Csg. Press. BBL Tobg. Press. BBL Tobg. Press. Csg. Press. BBL Tobg. Press. BBL Tobg. Press. Csg. Press. BBL Tobg. BBL To	Test Date Hours Test Production BBL Gas MCF Tbg. Press. Csg. 24 Hr. BBL Gas MCF Ton-Interval D Test Hours Test Dil BBL MCF Test Hours Test Dil Gas MCF Test Hours Test Dil Gas MCF Ton of Gas (Sold, used for fuel, vented, etc.) Try of Porous Zones (Include Aquifers): Ill important zones of porosity and contents thereof: Concluding depth interval tested, cushion used, time to the est and recoveries Top Bottom Description Description Description Description Top Bottom Description Desc	Test Date Hours Test Production BBL Gas Water BBL The Press Csg. 24 Hr. Oil BBL MCF BBL The Press Tested Production BBL MCF BBL Ton-Interval D Test Hours Test BBL MCF BBL Tested Tested Production BBL MCF BBL The Press Csg. 24 Dil Gas MCF BBL The Press Csg. 24 Dil Gas MCF BBL Ton of Gas (Sold, used for fuel, vented, etc.) Try of Porous Zones (Include Aquifers): Ill important zones of porosity and contents thereof: Cored interval contents thereof: Cored interval can depth interval tested, cushion used, time tool open, for said recoveries Top Bottom Descriptions, Compared to the production Descriptions Top Bottom Descriptions Compared to the production Geologic Report Top Sold Sold Gas Water BBL The Press MCF BBL MCF The Press MCF BBL MCF BBL The Press MCF BBL MCF The Press MCF MCF The Press MCF MCF The Press MCF MCF The Press MCF MCF The Pres	Test Date Press. Press. Csg. 24 Dil BBL Gas Water BBL Gravity Tbg. Press. Csg. 24 Dil BBL Gas BBL Gas BBL Ratio Total Hours Test BBL Gas BBL Gas BBL Gravity Test Date Press. Press. Ht. BBL Gas BBL Gravity Test Date Hours Test Production BBL Gas BBL Gravity Tbg. Press. Csg. 24 Dil BBL Gas Water BBL Gravity Total Flwg. Press. Ht. BBL Gas Water BBL Gravity Total Gas Water BBL Gravity Total Gas BBL Gas Water BBL Gravity Total Gas BBL Gas Water BBL Gravity Total Gas BBL Gas Water BBL Gravity Total Gas Water BBL Gravity Tast Oll BBL Gas Water BBL Gravity Total Gas Water BBL Gravity Tast Oll BBL Gas Water BBL Gravity Tast Oll BBL Gas Water BBL Gravity Tast Oll BBL Gas Water BBL Gravity Total Gas Water BBL Gravity Tast Oll BBL Gas Water BBL Gravity Total Gas BBL Gas Water BBL Gravity Tast Oll BBL Gas Water Gas Oll BBL Gas Water BBL Gravity Tast Oll BBL Gas Water BBL Gravity Tast Oll BBL Gas Water Gas Oll BBL Gas Water BBL Gravity Tast Oll BBL Gas Water BBL Gravity Tast Oll BBL Gas Water Gas Oll BBL Gas Water Gas Oll BBL Gas	Test Hours Test Production BBL Gas Mater BBL Gravity Gas Gravity Fig. Press. Press. Press. Hr. BBL Gas Mater BBL Gas G	Test