Form 3160-4 (August 2007)

## UNITED STATES DEPARTMENT OF THE INTERIOR

RECEIVEL

FORM APPROVED OMB NO. 1004-0137

Expires July 31, 2010 BUREAU OF LAND MANAGEMENT JUL 28 2011 5. Lease Serial No. WELL COMPLETION OR RECOMPLETION REPORT AND LOG JIC 110 Bureau of Land Management 11a Apache la. Type of Well Oil Well X Gas Well Dry Other <u>Jicarilla Apache</u> New Well Work Over Deepen Plug Back Diff.Resvr,. b Type of Completion: 7. Unit or CA Agreement Name and No Report to Lease 2. Name of Operator 8. Lease Name and Well No. EnerVest Operating, LLC Jicarilla A No. 8N 3a. Phone No. (include area code) Address 9. API Well No. 1001 Fannin St Ste 800 Houston, Tx 77002 713-495-6537 30-039-29839-00C1 Location of Well (Report location clearly and in accordance with Federal requirements)\* 10. Field and Pool, or Exploratory Basin Dakota NW/4 SE/4 1420'FSL & 2475'FEL Lat 36.48375 Long 107.382222 11. Sec., T., R., M., or Block and Survey or Area UĹ J, Sec 17, 26N, 05W At top prod. interval reported below 12. County or Parish 13. State At total depth NW/4 SE/4 1432' FSL & 2563' FEL Rio Arriba 17 Elevations (DF, RKB, RT, GL)\* 15. Date T.D. Reached 16. Date Completed 14. Date Spudded Ready to Prod D&A 7/28/11 7/2/11 6.665 GL 4/30/11 18. Total Depth: MD 7600 19. Plug Back T.D.: MD 7585 20. Depth Bridge Plug Set: MD TVD TVD 21. Type Electric & Other Mechanical Logs Run (Submit copy of each) 22. Was well cored? X No Yes (Submit analysis) Was DST run X No Yes (Submit report RMT Elite Log Directional Survey? Yes (Submit copy) 23. Casing and Liner Record (Report all strings set in well) Stage Cementer No of Sks & Slurry Vol. (BBL) Size/Grade Wt (#ft.) Bottom (MD) Cement Top\* Hole Size Top (MD) Amount Pulled Depth vpe of Cement 200  $\overline{12} \ 1/\overline{4}$ 9 5/8" 36 0 393 surf K-55 LTC 510 20 bb/s 8 3/4 7" 23 0 3510 N-80 LTC 7600 370 ひにんとく 6 1/4 4 1/2" 11.6 0 N-80 LTC 24. Tubing Record Packer Depth (MD) Depth Set (MD) Size Packer Depth (MD) Size Depth Set (MD) Size Depth Set (MD) Packer Depth (MD) 2-3/8' 7452 25. Producing Intervals 26. Perforation Record Perforated Interval Size No. Holes Perf. Status Formation Bottom Top 0.400 124 A) Basin Dakota 7360 7377' to 7546 0pen B) C) D) Acid, Fracture, Treatment, Cement Squeeze, Etc. Depth Interval Amount and Type of Material Acidize w/ 500 gals 15% HCl. 7377' to 7546' 2 Frac w/ 2121 bbls 3% KCl carrying 80,844 lbs of 20/40 sand. 28. Production - Interval A Oil Gravity Corr API Date First CE 61 81 TT 31 Test Hours Oil Gas MCF Water Gas Production Method Test BBL Produced Date Production BBL Gravity Tested ACCEPTED FOR RECORD Choke Water Tbg Press Csg Oıl Gas Gas. Oil Well Status Hr BBL Size Flwg. JUL 2 9 2011 28a. Production-Interval B Oil Gravity Corr API Date First Production Method Test Hours Test Oil Gas Water Gas Date MCF BBL BBL FARMINGTON FIELD OFFICE Produced Gravity Production Tested Choke Tbg Press. Gas MCF Water Gas Oil Well Status Csg.

Hr

BBL

28b.Productio										_			
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.	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio		Well Status				
28c. Product	ion-Inter	val D											
Date First Test Produced Date		Hours Tested		Oil BBL	BBL MCF BBL Gravity				Gas Gravity	Production Method			
Choke Size			24 Hr	Oil BBL	Gas MCF	Water BBL	Gas. Oil Ratio		Well Status				
29. Dispositi	on of Gas	(Sold,used fo	or fuel, vented, e	tc)									
30 Summar	ry of Por	ous Zones (I	nclude Aquifers	):	·				31. Format	ion (Log) Markers			
	ng depth in		sity and contents cushion used, time										
		_			_						Тор		
Format	ion	Тор	Bottom		Descr	riptions, Co	ontents, etc.			Name	Meas, Depth		
Fruitla	nd	3015		Coa	1, Sha	le, San	dstone						
Pict. C	liffs	3184		San	dstone								
Chacra		4061	}	Sil	tstone								
Mesaverde 4880			Coa	1, Sand	dstone,	Shale							
Menefee				Coa	1. Sand	dstone,	Shale						
Mancos	1			Sha									
Gallup		6559			stone.	Shale							
Dakota		7360			-	, Shale	Coal			•			
Dakuta		/300		Jan	us cone,	, Silaic	, coai						
			}										
32. Additio	nal remai	rks (include	lugging proced	ure).									
Atta	chment	· ·											
	Elite												
Devi	ation	Report											
Stan	dard S	urvey Re	port										
33. Indicate	which it	ems have be	e attached by pl	acing a ch	eck in the	арргоргіа	te boxes						
X Electr	rical/Mec	hanical Logs	(1 full set req'd	) [	Geol	logic Repo	rt DST R	eport	χ Direct	ional Survey			
Sundi	ry Notice	for plugging	and cement ver	rification	Co	ore Analys	is X Othe	r:	_				
34. I hereby	y certify t	hat the foreg	oing and attach	ed informa	ition is co	mplete and	l correct as deteri	nined	from all avail	lable records (see attached	1 instructions)*		
Name (p	lease pru	nt) <u>Brid</u>	get Helfri	ch			<del></del>	Title	Regulat	ory Tech.			
Signature	ر د	Rila	et le	Olin	h			ъ.	7/06/11				
Signatur	·	vag.	v. Till	Juis	Date					te 7/26/11			
			•										

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)

(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

Choke Size	Tbg Press Flwg.	Csg. Press	24 Hr.	Oıl BBL	Gas MCF	Water BBL	Gas Ratio		Well Sta	tus			FARM	INGTON FIELD O	
Produced	Date	Tested	Production	BBL	MCF	BBL	Corr	ADI'	Gravity		Froduction			JUL 2 9 2011	-EINE
28a. Produc	tion-Interval B	Hours	Test	Oil	Gas	Water	Oil Gr	avity T	Gas	Т	Production	Mathed		11 1 7 0 7N11	
Choke Size	Tbg Press Flwg. SI	Csg Press	24 Hr	Oil BBL	Gas MCF	Water BBL	Gas Ratio		Well Sta	tus			ACCE	PTED FOR REC	ORD
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gr Corr	API	Gas Gravity		Production	n Method			68666
28. Produc	ion - Interval A			i i uc		DD 13			,,,, <u>,,</u>	<i>,</i> ,		<u></u>	Juliu	12076	1817191
			JLY Z					Cl carry	ing 9	7 53	5 1bs <i>(</i>	of 20/40	sand		ייי מוטן,
			Stg 2:			500 ga			my 1	U1,5	70 IDS	01 20/40	o Sario	1. / St. UIT COM?	DIV. DIST.
488	9' to 5513	·	Stg 1:			500 ga		% HCI. Cl carry	ing 1	N1 E	70 1hc	of 20/40	) care		2011
400	Depth Interval	1	C+~ 1	اد اد م	i = 0 · · · ·	EUV	10 15	Amount and	Type of I	Materia	1			/ÿ HEC	EIVEL
27. Acid,	Fracture, Treatr	nent, Cerr	ent Squeeze,	Etc.										/69	At.
D)														1093034	A-35
C)														31	-123
B)															
A) Blanco Mesaverde		erde	4880'	T		4889' to			513' 0			192		0pen	
	Formation		Тор	Bo	ttom		rforated	<del></del>		Size	1	No Holes		Perf. Status	
	ing Intervals			I		26 Perfoi	ration R	Lecord						L	
2-3/8"	Depth Set (1 7452	MD) F	acker Depth (M	ID)	Size	Depth Set	t (MD)	Packer De	pth (MD)	+-	Size	Depth Set	(MD)	Packer Depth (MD)	
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	N-80 LTC							<u> </u>							
6 1/4	4 1/2"	11.6	0	76	00			370				surf	<u>'</u> -	0.5 bb15	
	N-80 LTC												,		
8 3/4	7"	23	0	35	10			510	510		Surf			20 6b/s	
	K-55 LTC														
12 1/4	9 5/8"	36	0	39	93	Бери		200	ment	(1	(שמט	surf	-		
Hole Size	ole Size Sıze/Grade Wt.(#ft.) Top (MD) Bottom					Stage Cem Depth			s &	Slurry Vol.		Cement Top*		Amount Pulled	
	and Liner Rec	ord (Repo	rt all strings s	set in well)								.Д. <u>*</u>			
RMT F1	ite Log								1	as DS7	run al Survey?	X No	=	es (Submit report les (Submit copy)	
21 Type Electric & Other Mechanical Logs Run (Submit copy of each)  22. Was well cored												X No	=	es (Submit analysis)	
	TVD					TVD			<b> </b>			TV			
	Depth: MD		<del></del>							20. Depth Bridge Plug Set MD					
4/30	/11	7/	2/11				7/29		1			6.6	665 GI	L	
14. Date S	pudded	15. Da	te T.D. Reach	ed		16. Da	ite Com D & A	-	Ready	to Pro		7. Elevations	s (DF, R	RKB, RT, GL)*	
At total	- 11017		1432' FS		63' FE							Rio Arr		NM NM	
. z. top p											12	County or I		13. State	
At ton n	rod interval rep	orted belo	ow								["	Survey or A	4rea	17, 26N, 05W	
At surfa	ce NW/4 S	E/4 1	420'FSL 8	2475'1	FEL L	at 36.48	3375	Long 107.	. 38222	22	11	Blanco Sec., T., R.			
4 Locatio	n of Well (Repo	ort locatio	on clearly and	in accord	ance with	h Federal re	quirem	ents)*			10	Field and P	ool, or l	Exploratory	
1001	Fannin St	Ste 8	300 Hou	ston, T	x 7700	)2		713-	495-6			API Well N 30 - 03		139-0DC2	
Ener 3 Addres	<u>Vest Opera</u>	ating.	LLC				3a.	Phone No. (i	nclude	area ci	ode)			A No. 8N	
2. Name o	-			<del></del>				<del></del>				Lease Nam			
o. Type	o. Completion	Otl	-	<u> </u>	L						14	Sunit or CA Repory	Agreen	nent Name and No	
									riela Di Vivlan en	6. If Indian, Allotee or Tribe Name    Jii   Jicarilla Apache     Jiii   Jicarilla Apache     Jiiii   Jicarilla Apache     Jiiii   Jicarilla Apache     Jiiiii   Jicarilla Apache     Jiiiii   Jicarilla Apache     Jiiiiii   Jicarilla Apache     Jiiiiiii   Jicarilla Apache     Jiiiiiiii   Jicarilla Apache     Jiiiiiii   Jicarilla Apache     Jiiiiiiii   Jicarilla Apache     Jiiiiiii   Jicarilla Apache     Jiiiiiiii   Jicarilla Apache     Jiiiiiii   Jiiiiii   Jiiiiii   Jiiiiii   Jiiiiiii     Jiiiiiii   Jiiiiii   Jiiiiii   Jiiiiii   Jiiiiii   Jiiiiii     Jiiiiiii   Jiiiiii   Jiiiiii   Jiiiiii   Jiiiiii   Jiiiiii   Jiiiiii     Jiiiiii   Jiiiiii   Jiiiiii   Jiiiiii   Jiiiiii   Jiiiiii   Jiiiiii   Jiiiiii   Jiiiiii   Jiiiiii   Jiiiiii   Jiiiiii   Jiiiiiii   Jiiiiii   Jiiiiiii   Jiiiiii   Jiiiiiii   Jiiiiii   Jiiiiii   Jiiiiii   Jiiiiiii   Jiiiiiii   Jiiiiiiii					
la. Type			ll X Gas W	··	Dry	Other								r Tribe Name	
	WELL	. COMP	LETION O	R RECO	OMPLE	TION REI	PORT	AND LOG	i JU	L 2	8 2011	Lease Seria	ıl No. 10		

28b.Producti	on - Inter	val C													
		Hou Tes			Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API		Gas Production Method Gravity					
Choke Tbg Press Flwg SI		css Csg Pres			Oıl BBL	Gas MCF	Water BBL	Gas Oil Ratio		Well Status					
28c Product	tion-Inter	val D	<del> !</del>			•			L.			<u> </u>			
Date First Test Produced Date		Hou Tes	rs Tes		Oil Gas Water Oil BBL Gravity				Gas Gravity	Production Method					
Choke Tbg Press Csg Flwg Press.		24 Hr.		Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio		Well Status		-				
29 Disposit	ion of Gas	(Sold, used	for fuel, 1	vented, etc.	.)		- I -								
20 0	- CD	7	(To also de 1	A: E\						21 F	(I) Ma-l				
30. Summa	-								ļ	31. Formation (Log) Markers					
	ng depth in			contents the used, time to				ll-stem tests, essures and							
Former	tion	Тор		Bottom	Descriptions, Contents, etc						Тор				
Format	шоп	ТОР				Descri	phons, co	mienis, eic			Meas.Depth				
Fruitla	nd	3015	;		Coal, Shale, Sandstone										
Pict. C	liffs	3184	.		Sand	Istone									
Chacra		4061	.		Silt	stone			İ						
Mesaver	de	4880			Coal	, Sand	stone,	Shale.							
Menefee 4934		.		Coal, Sandstone, Shale											
Mancos		5557	, [		Shal				Ī						
1		6559			Silstone, Shale										
Dakota		7360	- 1		Sandstone, Shale, Coal										
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32. Additio	onal remai	rks (includ	e plugging	g procedur	e) <sup>.</sup>				1	-					
Atta	chment	s:													
	Elite														
	ation														
Stan	idaird S	urvey F	Report												
33. Indicate	e which it	ems have	bee attach	ned by plac	ing a che	ck in the	appropriat	e boxes:							
X Elect	rical/Mec	hanical Lo	gs (1 full	set req'd)		Geolo	ogic Repo	rt 🔲 DST R	eport	X Direct	ional Survey				
Sund	ry Notice	for pluggi	ng and ce	ement verif	ication	Co	re Analysı	ıs <b>χ</b> Othe	er:						
24 11 1		1 - 4 d C-			· · · · · · · · · · · · · · · · · · ·						-1-1	1			
34 I hereb	у сеппу і	nat the for	egoing an	id attached	iniomiai	non is con	npiete and	correct as deten	minea	irom ali avali	able records (see attached	instructions)*			
Name (p	olease pru	nt) <u>Bri</u>	dget H	<u>lelfrich</u>	1				Title	Regulat	ory Tech.	·			
		h	1 .	11	1 -	,									
Signatur	re	Bride	ret .	Stelf	rech	9		<del></del>	Date	7/26/11					
	1 - ,	7	· 71.	··· lli	* :										
				-											
Title 10 II C	C Saction	n 1001 a	d Title 43	3 11 5 0 6	ection 1	212 maka	it a crim	e for any person	lenove	ingly and will	Ifully to make to any der	partment or account of the II-le			

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.