UNITED STATES FORM APPROVED DEPARTMENT OF THE INTERIOR OMB NO 1004-0137 **BUREAU OF LAND MANAGEMENT** Expires: March 31, 2007 5. LEASE DESIGNATION AND SERIAL NO. WELL COMPLETION OR RECOMPLETION REPORT AND LOG Jicarilla Contract 102 6. INDIAN ALLOTTEE OR TRIBE NAME Oil Well 🗶 Gas Well Dry Other la. Type of Well Jicarilla Apache Tribe b Type of Comp RCVD SEP 7'12 **NTI CONS. DIV** SEP 07 2012 2. Name of Operator 8 FARM OR LEASE NAME DIST. 3 EnerVest Operating, L.L.C. Farmington Field Office Jicarilla Apache 102 #7N Euroat 3 Phine No. (Include area code) (1) O11.
2 713-495-5355 9. API WELL NO 1001 Fannin Street Ste. 800, Houston, Tx 77002 30-039-30068 10. FIELD NAME 4. Location of Well (Report location clearly and in accordance with Federal requirements) Basin Dakota 845' FNL & 1980' FWL, Sec 03 T26N R04W (UL C) 11. SEC. T. R. M. OR BLOCK AND SURVEY OR AREA Sec 03, T26N, R04W At top prod. Interval reported belo 12. COUNTY OR PARISH At total death Same (vertical well) Rio Arriba NM 14 Date Spudded 15. Date T.D. Reached 16. Date Completed 08/28/2012 17. ELEVATIONS (DF, RKB, RT, GR, etc.)\* D& A X Ready to Prod. 6/27/2012 7/9/2012 7203' GL; 7214' KB 18. Total Depth: 19. Plug back T.D.: 20. Depth Bridge Plug Set 8410 8380 MD MD MD TVD 8410' 8380 TVD TVD 21. Type Electric & other Logs Run (Submit a copy of each) Was well cored? x No GR/CCL/CBL Was DST run? GR/DEN/NEU/RES Casing and Liner Record (Report all strings set in well, Hole Siz Size/ Grade WL (#/fL) Top (MD) Bottom(MD) Stage Cementer Depth No. of Sks. & Type of Slurry Vol. (Bbl) Coment Top\* Amount Pulled 12 1/4" 9 5/8" J-55 36# 0 513' 225 sx Type III 56 bbls Surf (circ) 8 3/4" 7" J-55 23# 0 4182 3633 404 sx Type III 160 bbl Surf (circ) 6 1/4" 4 1/2" P-110 11.6# 0 8398 1000' (CBL) 510 sx Type III 184 bbl 24. **Tubing Record** Depth Set (MD) Packer Depth (MD) Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Death (MD) 2 3/8" 8307 25 Producing Intervals Perforation Record Тор Perforated Inteval No of Hole Perf. Status A) Dakota 8178' - 8330' 0.40" 34 Open, producing B) C) D) Acid, Fracture Treatment, Cement Squeeze, Etc Amount and Type of Material 861 gal. 15% HCL and 60 0.875" Bio Sealers, frac w/104406# 20/40 mesh sand and 3585 bbls of slickwater. 8178' - 8330'

Production-Interval A Oil Gravity Gas Gravity Gas MCF RЫ Cort. API Flowing, rate calc from Dak/MV flow test 8/21/2012 8/24/2012 217 24 76 73 using subtraction method Choke Size Tbg. Press Csg Press 24 Hr Rate Water Gas: Oil Ratio Well Status Producing MCF 217 32/64 180 73 28a. Production-Interval B Date First Test Date Gas Gravity Bhi Produced MCF Corr. API

\* See instruc nd spaces for additional data on page 2)

Tbg. Pre

PARAMIGTON PIELD-OFFICE

MODERTED FOR RECORD

SEP 0 7 2012

NMOCD  $\sim$ 

Well Status

Gas MCF

Choke Sız

ate First oduced			lours Tested	Test Production	Oil Bbl	Gas MCF	Water Bbl		Gravity r. API	Gas Gravity	Production Method	
				_	10.1511	ļ		1	010 4	37.70		· · · · · · · · · · · · · · · · · · ·
oke Size	Tbg. Press Flwg. SI		esg Press.	24 Hr. Rate	ОЛВЫ	Gas MCF	Water Bbl	\(\text{lag}\)	s; Oil Ratio	Well Status		
c. Produ	ction- Int						Water					
te First aduced	Test Date			Test Production					Gravity T API	Gas Gravity	Production Method	
noke Size	Tbg. Press Csg Press. 24 F Flwg. SI			24 Hr. Rate	Oil Bbl	Gas MCF	Water Bbl	Gae	s: Oil Ratio	Well Status		
9. Disposit		•			•	<del></del>						
				4 using gre	en comple				21 Face	nation (Log) Ma	arkare:	
	portant zones	of porosity	and contents th	-		drill-stem tests	s, including depti	h interva		nadon (Log) Ma	arkers.	,
Е.		Γ	T							N		Тор
rom	nation	Тор	Botto	<sup>om</sup>	Descriptions Contents, Etc					Name		Measured Depth
jo Alamo		3649'	1	Sands	tone / wate	r			Pictured	Cliffs		3969'
ictured Clif	fs	3969'	4082'	į.	tone / gas				Point Lo	okout	6160'	
ewis		4082'	5670'	Shale	-	-			Greenho	m	8092'	
lesa Verde		5670'	6248'	Sands	tone / shale	/ gas			Dakota		8185'	
lancos		6248' 8092' Shale / sandstone gas and oil										
akota		8092'	8185'	Sands	tone / Gas	and Oil						
2. Addition	nal remari	ks (includ	e plugging	procedure	):							<del></del>
33. Indicate	which ite	ems have	been attac	hed by plac	ing a check	in the app	propriate box	ces:				· · · · · · · · · · · · · · · · · · ·
X Electri	ical/ Mechani	ical Logs (1 f	iul) set require	1)	Geologic Report					Report	шгису	
Sundr	y Notice for p	olugging and	cement verific	ation	[	Core Ana	dysis		Other	:		
34. I hereby	certify that	the forego	ing and atta	ched informa	tion is comp	olete and cor	rrect as detern	nined fi	om all avail	able records (see	attached instruction	*
Name (p	lease print)	Loren	Diede				т	itle <u>C</u>	Contract A	gent		
	ح ،	$\not\sim$	1		>			Date 9	/6/2012			
Signatur												
				1212, make it	a crime for any	person knowi	ingly and willful	ly to mal	ce to any depart	iment or agency of th	c United States any fals	; fictitious or fraudulent statem

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PORM 3160-4

( April 2004)

## UNITED STATES

BUREAU OF LAND MANAGEMENT WELL COMPLETION OR RECOMPLETION REPORT AND LOG

DEPARTMENT OF THE INTERIOR

FORM APPROVED OMB NO 1004-0137

Expires. March 31, 2007 5. LEASE DESIGNATION AND SERIAL NO.

Jicarilla Contract 102

ia. Type of Well	Oi	wen [	<b>X</b> G <sub>3</sub>	s Well	Dry	r (S)	Other		1 5		}	6. INI	DIAN ALLOT	TEE OR TRIBE	NAME		
b. Type of Comple	tion	X New V	Well	Workover	Γ			Plug Back	VE	Dif	f. Resvr.	Jicarilla Apache Tribe					
	-				_	_	•	P 07			Ţ	7. UN	IT AGREEM				
	_	RCVD SEP 7'12 DU CONS DIU															
2 Name of Operato	_	8. FA	RM OR LEAS	E NAMED IS	T. 3												
EnerVest Ope	rating, L.L.	.C.			Jicarilla Apache 102 #7N												
3. Address	_	9. AP	WELL NO.	)-039-3006													
	1001 Fannin Street Ste. 800, Houston, Tx 77002 713-495-5355  4. Location of Well (Report location clearly and in accordance with Federal regularements)*														<del>08</del>		
At surface							N R04	W (UL C)				Blanco Mesaverde  11. SEC. T, R, M., OR BLOCK AND SURVEY					
At top prod. Interval	reported below											OR AREA Sec 03, T26N, R04W					
At total depth		me (verti	ertical well)							12. COUNTY OR PARISH 13. STATE							
	·				····							Rio Arriba NM					
14. Date Spudded		15. Date	T.D. React	ed	110	5. Date (	•	d 08/28/2012				17. ELEVATIONS (DF, RKB, RT, GR, etc.)*					
6/27/20	012		7/0	/2012			D &	A X	Ready to	Prod.	7203', GL; 7214' KB						
18. Total Depth:	MD MD	84	<del></del> -	72012 19. Plug back	T.D.:	MD 8380' 20 Depth Br											
	TVD	84				TVD		8380		ŀ		TVD					
											Was well	cored?	x No	Yes	(Submit analysis)		
GR/CCL/CBL												run?	√No	Пуез	(Submit report)		
GR/DEN/NEU/RES											Directions	d Survey?	IA. □No	ᆜ	(Submit copy)		
												·		<u>~</u>			
23. Casing Hole Size	and Liner Ro		eport al. Wt. (#/ft.)		in well) (MD)	Bottom	(MD)	Stage Compat	er Denth	No of S	ks & Type	of I Shir	ry Vol. (Bbl)	Cement Top	* Amount Pulled		
12 1/4"	9 5/8" J-5		36#	0	<u>(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>	Bottom(MD) Stage Cementer Depth No. of Sks & 513' 225 sx Ty							66 bbls	Surf (cire			
8 3/4"	7" J-55	$\perp$	23#	0		418		3633'		404 sx Type II			160 bbl		:)		
6 1/4"	4 1/2" P-1	10	11.6#	0	-+	839	98'			510 s	x Type I	<u> </u>	84 bbl	1000' (CB	L)		
24. Tubing	Record	)						1		1				<u> </u>			
Size	Depth Set	(MD)	Packer	Depth (MD)	Sizo	Size Depth Set (MD) Packer Depth (MD					D)	Size Depth Set (MD) Packer Dep			Packer Depth (MD)		
2 3/8"	8307	7"			<u> </u>				<u> </u>								
25. Produc	ing Intervals				1		26.	Perforation			Size			<del></del>			
A)	Formation Mesa Verde			Top 5670'	Botto 624				Perforated Inteval 5749' - 6236'			<u> </u>	o. of Holes		Perf. Status en, producing		
<u>B</u> )	111000				02.			3.13		0.40"							
C)																	
D)														<u>L</u>			
<del></del>	racture Treat	ment, Co	ement S	queeze, Etc	·				Amount	and Type o	of Material						
5749' - 5780'	Depth Interval		750	gal 15% HC	1 frac w/	764661	20/40	mesh sand									
6150' - 6236'						w/76466# 20/40 mesh sand and 2401 bbls N2 foam; w/122170# of 20/40 mesh sand and 3179 bbls N2 foam											
28. Produc	tion- Interva	l A															
Date First Produced	Test Date	Hour	s Tested	Test Production	Oil Bbl	Gas MCF		Water Bbl	Oil Gravi Corr. AP	-	Gas Gra	vity	Production Mc	thod			
8/17/2012	8/19/201	2	24		0		825	39	Coll. Ar	•	1		Flowing				
Choke Size	Tbg. Press Flwg.	NA Csg	Press.	24 Hr. Rate	Oil Bbl	Gas MCF		Water Bbl	Gas: Oil	Ratso	Well St	ntus					
32/64	si NA		160	-	0	1	825	39			Produc	cing					
	tion- Interva																
Date First Produced	Test Date	Hour	s Tested	Test Production	Oil Bbl	Gas MCF		Water Bbl	Oil Gravi Corr. AP		Gas Gra	vity	Production Mc	MEDR	CR RECORD 2012		
Choke Size	Tbg. Press	Csg	Press,	24 Hr. Rate	Oil BЫ	Gas MCF		, ,		Gas: Oil Ratio Well S		atus	<del></del>	crp n :	7 2012		
_	Flwg. SI			_		MCF		Вы									
* See instructionsan	d spaces for ada	ittonal dat	a on page	2)										ACTOM F	ASLD-OFFICE		

28b. Produc	tion- Inte	rval C														
Date First Produced			1		Test Production		Oil Bbl	Gas MCF	Water Bbl		til Gravity Corr. API	Gas Gravity	Production Method			
Choke Size	Tog. Press Csg F		Press.	24 Hr. Rate	<u> </u>	Oil Bbl	Gas MCF	Water Bbl	G	ias: Oil Ratio	Well Status					
	sı		<u> </u>			▶		<u> </u>	<u> </u>			<u> </u>				
	tion- Inte	rval D														
Date First Produced	Test Date Hours Tested		s Tested	Test Production		Oui Bbi	Gas MCF	Water Bbl	- 1	hl Gravity Corr. API	Gas Gravity	Production Method				
Choke Size	ze Tbg. Press C: Flwg Si		Csg Press 24		24 Hr. Rat	c .	ОіІ ВЫ	Gas MCF	Water Bbl	G	ias: Oil Ratio	Well Status			***************************************	
29. Dispositio	n of Gas	(Sold, 1	used	for fuel	, vented,	etc.	<u>.</u>	L				<u> </u>	<del></del>			
3as sold with	"Test	Allow	able	e" C-1	04 usir	ng j	green cor	r								
30. Summary	of Porou	s Zones	(inc	lude A	quifers):						31 Forma	ation (Log) Mar	kers:			
Show all impo tested, cushion								rill-stem tests, i	actuding depth	interv	val					
	uscz, enne i	oor open,	110WIII	is and sill	- I pressure	au								,		
Forma	tion	Top Bottom		Botto	om	Descriptions Contents, Et						Name			`op	
												Measured Depth				
Ojo Alamo		3649'	l		San	Sandstone / water						liffs	3969'			
Pictured Cliffs		3969		4082' Sandstone / gas and water						Point Lookout				6160'		
Lewis						le	one / gaz an	a mater			Greenhorn		8092'			
Mesa Verde		5670'		6248'			one/shale /	Gas			Dakota		8185'			
Mancos	1 1							Oil and G	as							
Dakota		8185'			San	dste	one / gas au	nd oil								
					İ											
•													•	]		
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														<u> </u>		
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32. Additiona	ıl remark	s (inclu	de pl	ugging	procedu	re):								<u> </u>		
		•			-											
												•				
	1111										<del></del>	·				
33. Indicate v						acın	ng a check ii	_ `` `	='	S:			——————————————————————————————————————			
	l/ Mechanic			-			<u> </u>	Geologic Re	port		DST Re	port	X Directional Su	irvey		
Sundry Notice for plugging and cement verification Core Analysis											Other					
34. I hereby ce	rtify that t	he forego	oing	and attac	hed infor	nati	on is comple	te and correc	t as determi	ned f	rom all availabl	e records (see atta	ched instructions)*		<del></del>	
Name (plea	se print)	Loren	Die	de					Tú	ile _	Contract Age	ent				
	5		D	1		•	_									
Signature		_	_	, ,		_	<del>-&gt;</del>		Da		9/6/2012					
Title 18 U.S C. Sec representations as to					1212, mak	e it a	crime for any p	erson knowing	ly and willfully	y to m	ake to any departm	nent or agency of the	United States any false	, fictitious or franc	fulent statements or	
					·								<del></del>	(F	orm 3160-4, page 2)	