Form 3160-4 (March 2012)

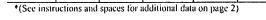
UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

TECHNEL

SEP 23 2013

FORM APPROVED OMB NO. 1004-0137 Expires: October 31, 2014

Famington Field Office												OM 36:	5. Lease Serial No. Jicarilla Contract 110						
la. Type of b. Type of	Well Completion	: 0	Dil Well Vew Wel	į Z C	ias Well Vork Over	Dry Deepen	O Pl	ther lug Back	다 Din	IV e .au f. Resvr.	01	Laur	र्ची त्रा	Jica	arilla A	, Allottee or pache Trib	е		
		. (Xher:											7. t	Jnit or C	A Agreeme	nt Name	and No.	
EnerVest	Name of Operator EnerVest Operating, L.L.C.													Jica	8. Lease Name and Well No. Jicarilla A #2F				
													VPI Wel 039-31	l No. 166 – 00	دع				
4. Location of Well (Report location clearly and in accordance with Federal requirements)*												10.	10. Field and Pool or Exploratory						
1000 FINE & 1040 FEE (OE II), Sec. 10 120N K00W													11	Blanco Mesaverde 11. Sec., T., R., M., on Block and					
														'''	Survey or Area Sec. 18 T26N-R05W				
	At top prod. interval reported below															or Parish 13. State			
		FNL 8	1062'	(UL H),	Sec. 18	T26N R05W								Rio	Arriba	a NM			
05/04/201	D5/04/2013 D & A ✓ Ready to Prod.													668	9' GL	ns (DE, RK	B, RT, O	GL)*	
18. Total D					19, Ph	ig Back T.D.;		7720' 7720'			20. T	Depth B	ridge Pl		MD TVD				
	GR/CCL/CBL & RMT Was DST run?												Z N	No Yes (Submit analysis) No Yes (Submit report) No Yes (Submit copy)					
23. Casing	and Liner R	ccord	(Report o	all strings	set in wel	1)				·····	L	ілгесно	nai Surv	ey? N	10 [7]	Yes (Subm	н соруј		
Hole Size	Size/Gra			p (MD)			Stage Cementer Depth			No. of Sks. & Type of Cemen		Slurry Vol. (BBL)		Cement Top*		A	mount Pulled		
12 1/4"	9 5/8" J-	55 3	36#	0		523'				225 s		e III	56 bbl	<u>s</u>	Surf (circ)				
8 3/4" 7 7/8"	E 4 (0)		74	0		3418'			1159 sx Pre			1		Surf (circ)					
7 778"	5 1/2"		17#	10		7767'				(3 stg			481 bt	DIS	Sun (d) CEL	27:13	
		+	-							(O Sig	CITIC	jobj				nov	COM		
																	DIST		
24. Tubing Size		Set (MD	n Dag	ker Depti	· (MD) T	Síze		Depth Set	(MD)	Packer	Donth	(MEN)		ize	Dont	h Sat (MID)	l Do	cker Depth (MD)	
2 7/8"	7561'	oei (ivil	7	.kei Depii	I (WID)	3120		Depth Sei	i (IVID)	FACKCI	Бери	(MID)	<u>ა</u>	izc	ілері	h Set (MD)	1 18	eker Depur (ML)	
25. Produci							2		foration I										
A) Blanco	Formation Mesaverd			To 4421'	pp	Bottom 5887'		Perforated Interval 4910' - 5518'			0.40"		No. Holes		Perf. Status Open				
B)						,	_	4010 0010			0.40			100	990				
C)						÷													
D)								·											
27. Acid, Fi	acture, Treated		Cement :	Squeeze,	etc.					mount	and T	ype of N	Asterial				•		
4910' - 529			- :	29.7 bbl	s 15% H	Cl & bio-balls	, frac	w/193,0					_	ater, and	r, and 1,604,100 scf N2				
5412' - 55	18' (38 ho	es)		19.3 bbl	s 15% H	CI & bio-balls	, frac	w/170,0	000# 20	/40 sar	d, 1,	150 bb	Is gelw	ater, and	1,466	,300 scf N	2		
	·																		
28. Product	on - Interva	I A												-			····		
Date First		Hours	Test		Oil	Gas	Wate		Oil Grav	-		as	Pro	duction M	lethod			,	
Produced 08/30/13	09/15/13	Tested 24	Proc		BBL 0	MCF 374.1	BBL 0	•	Corr. AF	4	G	ravity	FI	owing					
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 F Rate		Oil BBL	Gas MCF	Wate BBL		Gas/Oil Ratio		w	ell Stati	IS					······································	
64/64"	SI n/a	։ 113 p	si 🗕	▶	0,	374.1	0				P	Produci	ng						
28a. Produc						la	har		10:10		<u> </u>		Ti-	4	(-4) ¹				
Date First Produced	Test Date	Hours Tested		- 1	Oil BBL	Gas MCF	Wate BBL	ater Oil Grav BL. Corr. AI		, ,		as ravity	Pro	Production N					
Choke Size	l'bg. Press. Flwg. Sl	Csg. Press.	24 F Rate	- 1	Oil BBL	Gas MCF	Wate BBL		Gas/Oil Ratio		W	'eli Statı	ıs						





William The

SEP 25 2013

	rest Date	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Draduction Mathad	·				
Produced	ijest ibate	Tested	Production	BBL	MCF	BBL	Corr. API	Gravity	Production Method					
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status						
	uction - Inte			12										
Produced	Test Date	Hours Tested	Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method					
ize	Tbg, Press Flwg. Sl	Csg. Press:	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	Well Status					
9 Disno	sition of Ga	S (Solid: us	ed for fuel, ve	nted etc)										
			sing green comp				• •							
			(Include Aqui				· · · · · · · · · · · · · · · · · · ·	31. Formation	on (Log) Markers					
	ng depth int					intervals and all ing and shut-in	l drill-stem tests, pressures and							
T*		T	10.44		D					Тор				
Form	nation	Top	Bottom		Desc	criptions, Conte	nts, etc.		Name	Meas, Depth				
Ojo Alamo Kirtland							-	Menefee Point Lookout		4858' 5400'				
ruitland Co lictured Cli								Dakota		7,373'				
ewis Shale hacra	1	3263' 4087'	4087; 4822;											
liffhouse Menefee		4822' 4858'	4858' 5387'											
Point Looko Manços (Re		5400' 5900'	5900° 6565'											
Sallup Greenhorn		6565' 7294'	7294' 7350'		•									
Graneros Dakota		7350 7373	7373' TD		Ť									
2. Additi	ional remarl	ks (include	plugging prod	cedure):	- 1									
	Test Allow		online.in NN ired 9/18/20			nd of day 9/1	8/2013. Will be p	, ut back on prod	duction when C-104 for ne	w well häve been				
3. Indica	te which ite	ms have be	een attached b	y placing a	check in the	appropriate bo	xes:							
_		•	(1 full set requand cement ve			Geologic Repor	DST R	•	☑ Directional Survey					
4. Therel	by certify th	at the fore	going and atta	ched infor	nation is con	nplete and corre	ect as determined fro	om all available re	cords (see attached instruction	s)*				
N	ame <i>(please</i>	print) Ba	rt Treviño			····	Title Regulato	ory Analyst						
Si	gnature	- 5	00		`		Date 09/23/201	13						
itle 18 U.	S.C. Sectio	ñ [001 and dulent stat	Title 43 U.S.	C. Section	1212, make s as to any m	it a crime for ar	ny person knowingly jurisdiction	y and willfully to	make to any department or age	ncy of the United States any				
	d on page 3					14-15-	Y		AND THE RESERVE OF THE PROPERTY OF THE PROPERT	(Form 3160-4, page				
		7				ny								

Form 3160-4 (March 2012)

RECEIVED

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SEP 23 2013

FORM APPROVED OMB NO. 1004-0137 Expires: October 31, 2014

	W	ELL CO	MPLE	ETION	OR F	RECOMPLI	ETIC	ON REP	ORT /	AÑDĭĽ	10G.	sno Lon i	neio C SnaM i	G Jica	ease Ser rilla Co	ial No. ontract 110)		
la. Type of V b. Type of C	a. Type of Well													6. II Jica	Indian, rilla Ap	Allottee or ache Tribe	Tribe l		
Other:													7. Unit or CA Agreement Name and No.						
EnerVest (Name of Operator													Jica	Lease Name and Well No. Jicarilla A #2F				
1001 Fannin Street, Ste. 800, Houston, TX 77002 713-659-3500												9. A 30-0	PI Well 39-31	No. 166 - 00	c1				
													10. Field and Pool or Exploratory Basin Dakota						
1850 FNL & 1045 FEL (UL FI), 58C, 18 126N RUSVV												Li	11. Sec., T., R., M., on Block and						
710 001140														Survey or Area Sec. 18 T26N R05W					
At top prod, interval reported below												12. (County	or Parish 13. State					
At total de	At total depth 1881' FNL & 1062' (UL H), Sec. 18 T26N R05W													Rio	Arriba		NM		
14. Date Spt 05/04/2013	udded		15. E	Date T.D. 08/2013	Reache				ate Comp		9/20/2 leady to				elevatio 9' GL	ns (DF, RK	B, RT.	, GL)*	
18. Total De		7772'	100/0	707E010		ig Back T.D.:	MD	7720	10 00.11				idge Plug	Set:	MD				
21. Type El		7772		D /C.			TVI	D 7720'			22 U	lac wat	l cored?	Z I N	TVD	Yes (Submi	t analy	cie)	
GR/CCL/C			cai Logs	Kun (St	ioniii col	by or each)						as Wei		Z N		Yes (Submi	•		
						·h					D	irection	nal Survey'	Р П И	o [7]	Yes (Submi	(copy		
Hole Size	Size/Gra		(#/ft.)	all strings set in we		Bottom (MD)		Stage Cementer Depth			No. of Sks. & Type of Cement		Slurry Vol. (BBL)		Cement Top*			Amount Pulled	
12 1/4"	9 5/8" J-	55 36#	Į.	0		523'	\dashv	Ю	·	T		ype III 56 bbls			Surf (circ)				
8 3/4"	0					3418'	***************************************		····			·							
7 7/8"	5 1/2"	17#	ł	0		7767'	767' 1:		1159	x Prem Lt 481		481 bbls	;	Surf (c					
								(3 stg cmt job)							L77, 13				
							_								,			<u> </u>	
04 Tubin-	D1	i								<u> </u>								U. U	
24. Tubing Size		Set (MD)	Packe	r Depth (MD)	Size	Т	Depth Set	(MD)	Packer	Depth (MD)	Size	i. T	Dept	h Set (MD)]]	Packer Depth (MD)	
2 7/8"	7561'															····			
25. Producii	ng Intervals Formation			Тор		" Bottom			foration I orated In				Size	No. I	Holes Perf. Status				
A) Basin D		<u>.</u>	73	373'		TD,	7377' - 7599'			0.40"				62 Op				. Dittido	
B)						*													
C)																			
D)				·····					-										
27. Acid, Fr	acture, Treat Depth Interv		nent Sq	uceze, et	C.					Amount	and Tvo	se of N	Asterial						
7377' - 742			21	bbls 15	5% HCI	& bio-balls,	frac	w/66,000						ater					
7502' - 759	99' (36 hol	es)				Cl & bio-balls									•				
	•																		
							:	- 1				····							
28. Producti Date First		II A Hours	Test	Ю	il	Gas	Wat	ter .	Oil Grav	vity	Gas	<u> </u>	Produ	iction M	ethod				
Produced		Tested	Produc		BL	MCF	BBI		Corr. Al	PI		ivity							
08/30/13	09/15/13	24	-			270.9	0						Flov	ving					
Size		Csg. Press.	24 Hr. Rate	О В	il BL	Gas MCF	Wa BBI		Gas/Oil Ratio		We	II Stati	us						
64/64"	SI n/a	113 psi	-	▶ ()	270.9	0				Pr	oduci	ng						
28a. Produc			In.	10		10-	100		lou c		- L		ln 1	uction M	other 4				
Date First Produced	Test Date	Hours Tested	Test Produc	otion B	ıl Bl.	Gaș MCF	Wa BB		Oil Grav Corr. Al	•	Gas Gre	s ivity	Prodi	iction M	einoa				
Choke	Fbg. Press.		24 Hr.	o		Gạs	Wa		Gas/Oil	······	We	II Stati	us						
Size	Flwg. SI	Press.	Rate	▶ B	BI.	MCF	BB	i_	Ratio						^	mo borar scar	J5) E1	신청 (전략 소설)이다	
	i	i	, -			1	1		1		1						14 1	# 100 Pt	

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

William Tambekou

SEP 25 2013

28b. Prod	uction - Inte	erval C		············			***************************************				
Date First Produced	Test Date			Gas MCF	Water BBL	Oil Gi Corr.		Gas Gravity	Production Method		
Choke Size	Tbg. Press. Flwg: SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/O Ratio	òil	Well Status		, , , , , , , , , , , , , , , , , , ,
	uction - Inte	_	La. :	12	T.:						
Date First Produced	Test Date	Date Hours Test Oil Gas Water Oil Gravity Gas Production Method BBL Corr. API Gravity									
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Ģas MCF	Water BBL	Gas/O Ratio	il	Well Status		
29. Dispos	sition of Ga	s (Solid, us	ed for fuel, ver	nted, etc.)			<u>_</u>		1		
Gas sold w/	"Test Allowat	ste" C-104 us	sing green comp	letion.				. •			
30. Sumn	nary of Poro	us Zones	(Include Aqui	fers):	31. Formatic	on (Log) Markers					
	ng depth int					intervals and all ing and shut-in p					
7									\		Тор
Form	nation	Тор	Bottom		Des	criptions, Conter	nts, etc.			Name	Meas, Depth
Ojo Alamo Kirtland	· 11 · · · · · · · · · · · · · · · · · ·	2562' 2795'	2795' 3054'						Menefee Point Lookout		4858' 5400'
	Fruitland Coal 3054' 3171' 3263'								Dakota		7373'
Lewis Shale Chacra	Lewis Shale 3263' 4087' Chacra 4087' 4822'									,	
Cliffhouse Menefee		4822' 4858'	4858' 5387'								
Point Looko Mancos (Re		5400'. 5900'	5900! 6565'								
Gallup Greenhom		6565' 7294'	7294' 7350'								
Graneros Dakota		7350' 7373'	7373' TD		¥						
			plugging proc		610				I		J
•	Test Allow	-				nd of day 9/18	3/2013. V	Will be put t	pack on prod	luction when C-104 for new v	vell have been
				•		e set					
33. Indicat	te which ite	ms have be	en attached by	placing a	check in the	appropriate box	es:				
			(1 full-set req'd			Geologic Report	_	DST Repor	rt	☑ Directional Survey	
								········			
	1 1			ched inforn	nation is cor	nplete and correc				cords (see attached instructions)*	
	ame <i>(please</i> gnature	print) ba	>6	perf			_	Regulatory / 9/23/2013	Analyst		
						it a crime for any atter within its ju			d willfully to n	make to any department or agency	of the United States any
	ous or trans on page 3)		menta in Tepli	cacmanons	us to utily III	and whim its jt	wittidi	1			(Form 3160-4, page 2)

11. ..

(Continued on page 3)