FORM 3160-4

( April 2004)

## UNITED STATES

UNITED STATES
DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED

OMB NO. 1004-0137

Expires: March 31, 2007

## 5. LEASE DESIGNATION AND SERIAL NO.

WELL COMPLETION OR RECOMPLETION REPORT AND 2014

														Jicar	illa Contrac	t 110
								re:		s.4 . s .	NGC	Cf.	 :::		TTEE OR TRIB	
1a. Type of Well	Oil	Well	Gas Well	Dry		C	ther	ourest	1 Oï Lê	200	W.E.	12931	Ué CINDIY	AN ALLO	TTEE OR TRIB	E NAME
b. Type of Compl	etion	New Well	Wo	rkover		Deepen S	5T.[3	Plug Bac	:k		Diff. R	esvr.	7. UNIT		arilla Apac	he
		Otl	ner _ <b>O</b> []	COM	S.ν	201	Α.								•	
2. Name of Operate		_			1 11	2 20		:-					8. FARM	OR LEA	SE NAME	
EnerVest Ope	erating, L.L.(	C.		Jr	)/4 ~										carilla A #7	7F
Address     100     Location of Well	l Fannin Stre	eet Ste. 80	W, Housto	n, Ix /	7002		3a. Ph	71	lude area ( 3-970 <b>-</b> 1	-	·	_	9. API W	30	0-039 <b>-</b> 3117	1-00CI
At surface															Basin Dakot	
TE SULLICO	66	50' FNL &	2053' FV	VL Unit	Lette	r C, Sec	. 17, 7	726N, R	05W						OR BLOCK AN	D SURVEY
At top prod. Interval	reported below											-	OR AREA		Sec 17, T2	6N, R05W
At total depth			,	Same	(vertic	al well)								Rio An		NM
14. Date Spudded	15	5. Date T.D. 1	Reached		16	Date Con	nnleted					-			(DF, RKB, RT,	
opasaca		200 1,0,1			10.	240 000	D&A	х	Ready to l	Prod.			205		(21, 100), KI,	vio./
3/17/2	014		3/24/2014						2/2014					6640'	GR; 6653	' RKB
18. Total Depth:	MD	7619'		back T.D.	:	MD		761			20. Dep	th Bridge I		MD	,	
	TVD	7619'				TVD		761	8'					TVD	<u> </u>	
t. Type F	lectric & other	I oga Dun	(Cubmit a	anu of a						22	2 Was	s well core	42 [	x No	□ Vec	(Submit analysis)
Type El		_	•		•						z. ** d:	s wen core	" l			(Storin analysis)
	'	Cased-hol	e GR/Net	itron ait	er cas	ıng					Was	s DST run'	· [	x No	Yes	(Submit report)
						,					Dire	ectional Su	rvey?	x No	Yes	(Submit copy)
	and Liner Rec				<del></del>					No.	of Sks. &	k Type of				
Hole Size	Size/ Grade	Wt. (#		Top (MD)		Bottom(MI	))   S	Stage Cemen	ter Depth	<u> </u>	Ceme	nt	Slurry V		Cement Top	
12 1/4" 7 7/8"	8 5/8" J-55 4 1/2 N-80	11.0		0		505' 7614'	+	252	ı	-	297 Ty 322 Pre		73 30	1/2	Surf (circ Surface (ci	<del>-  </del>
7 776	4 1/2 11-80	11.	JIT .			7014	$\dashv$	442			73 Pre		103		Surface (Ci	
	-	+				· · ·	_	172			50 Typ		12			
					_		-				55 Pre		134			
										_	50 Typ		12			
4. Tubing	Record	_ <u>'</u>										1.			<u> </u>	
Size	Depth Set (M	ID) Pa	cker Depth (M	D)	Size	_	Depth So	et (MD)	Packer	Depth	ı (MD)	8	Size	Deptl	h Set (MD)	Packer Depth (MD)
2 3/8", 4.7# J-55 5. Produci	7479' ing Intervals						6. Pe	erforation	Record			<u> </u>				
	Formation		Тор	· T	Bottom			erforated Int			s	ize	No. of	Holes		Perf. Status
· · · · · · · · · · · · · · · · · · ·	Dakota							7360-741				40"	8-			n, producing
3)	Dakota					_		7449-758		$\dashv$		40"	15			n, producing
<u> </u>					_											
D)																
27. Acid,Fr	acture Treatm	ent, Cemen	ıt Squeeze,	Etc.												
D	epth Interval								Amount a							
7360-7410'															50.3 bpm 8	
7449-7588'			Acidize w/	1000 gal	15% H	CI & ball:	s. Frac	w/13566	50 gal 20	# XL	gel and	25526	2# sand (	0 50 bp	, & 3492 psi.	
	ion- Interval A								150.							TED FOR RECO
Date First Produced 5/22/2014	Test Date 5/31/2014	Hours Test	Production	Oil	23	Gas MCF 256	ВЬ	ater II 41	Oil Gravit Corr. API		Gas	Gravity	-	oction Meth	_	UN 0 9 2014
Choke Size	Tbg. Press Flwg.	Csg Pres				Gas MCF		ater	Gas: Oil R	Ratio	- 1	ell Status	1,20			MGTON FIELD OFF

MMOCDW

Date First	tion- Interval B	Hours Tested	Test	Oil Bbl	IC	Water	loa	C-oude.	Geo. Gravity	Production Method	
Produced	Test Date	riours rested	Production	Oil Bbi	Gas MCF	Bbl		Gravity r. API	Gas Gravity	Production Wethod	
Choke Size	Tbg. Press Flwg. SI	Csg Press.	24 Hr. Rate	Oil Bbl	Gas MCF	Water Bbl	Gas	: Oil Ratio	Well Status		
8c. Produc	tion- Interval C					1					
Date First Produced	Test Date	Hours Tested	Test Production	Oil Bbl	Gas MCF	Water Bbl		Gravity : API	Gas 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	I	
29. Dispositio	n of Gas <i>(Sold,</i> a	used for fue		! <u> </u>							
Gas sold with	h "Test Allowab	le" C-104 t	ising green c	ompletion							
0. Summary	of Porous Zones	(include A	quifers):		_			31. Form	ation (Log) Mar	rkers:	
	rtant zones of porosity				rill-stem tests,	, including depth	interval				
	used time tool onen		ut-in pressures ar								Тор
Format	tion Top	Bott	om .	Descript	ions Conte	ents, Etc.			Name	Ī	Measured Depth
Ojo Alamo	2524				··-						
Kirtland	2713		1				ł				
ruitland Coal	1 .									İ	
rictured Cliffs											
ewwis Shale	3198'		-								
Chacra	4047		-								
Cliffhouse	4787										
/Ienefee	4840		-								
oint Lookout	5354							•			
Mancos .	5521	i	İ				]				
Gallup	6532										
Greenhorn	7270'										•
Graneros Shale	e 7330		ļ				Ì				
Dakota	7359										
	remarks (includ		-								
	nich items have Mechanical Logs (1 f			g a check in	the appro		ſ	DST Rep		Directional Surve	
Sundry No	tice for plugging and	cement verifica	tion		Core Analys	sis		Other:	well bo	Re scho	ematic
1. I hereby certi	fy that the foregoi	ng and attac	hed information	on is complete	e and correc	et as determine	ed from	all available	records (see attac	ched instructions)*	
Name (please	print) Jeanie	McMillan				Title	Sr.	Regulator	y Analyst		
Signature	Kean	ie /	nem	Jell		Date	6/2/	/2014			
	on JUUI and Title 43										

FORM 3160-4

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB NO. 1004-0137

WELL COMPLETION OR RECOMPLETION REPORT AND LOG 2014

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

licarilla	Contract	110	

la. Type of	Well	Oil We	ell x	Gas Well	Dry	Otho	ا التي التي التي التي التي التي التي الت		aFk!	: 0: 0	_6. INDL	AN ALLC	OTTEE OR TRII	BE NAM	мЕ
b. Typc of 0	Completion	x	New Well	Workov	er	Deepen	Plug Ba	ck	Di	ff. Resvr.		Jio	carilla Apac	che_	
			Other								7. UNIT	AGREE	VIEN I	•	
			Quie.			9 711/1	10T 3		· · · · · · · · · · · · · · · · · · ·	_					
2. Name of C	Operator			01	F COM	s. DIV I	<del>) 3  . 0</del>				8. FARM	I OR LEA	ASE NAME	_	
EnerVest	Operating, L	.L.C.				- 0.20	111								
3. Address			<del>_</del>	<del></del>	JUN	1 2 25	a. Phone No. (inc	oluda avaa	anda1		9. API V		icarilla A #	7F	
	1001 Fannin	Street	Ste 800	Houston 1	r <sub>v</sub> 77002	ľ		3-495-5	•		y. APIV		0-039-311	71 🛶	<b></b>
	of Well (Report loca					nents)*	71	J- <del>4</del> /J-5	7555		10. FIEL			/ 1	DOCA
At surface		660'	ENIT & 2	0521 EWA	I Init I atta	TC Soo 1	7 T26N D	newi					inco Mesav		
At top prod. In	nterval reported belo		FNL & 2	033 FWL	Onit Lette	er C, Sec.	17, T26N, R	03 W			OR AREA	1	Sec 17, T2	26N,	R05W
											12. CO	UNIYO	R PARISH	13.	STATE
At total depth				Sa	me (verti	cal well)						Rio Ar	riba		NM
14. Date Spu	ıdded	15.	Date T.D. Read	ched	16	. Date Compl	eted				17. ELE	VATIONS	OF, RKB, RT	, GR, et	tc.)*
			•			D	& A x	Ready to	Prod.						
	17/2014	Ц		4/2014				22/2014				6640'	GR; 6653	3' RK	<u>B</u>
18. Total Dept	tn: MD TVD		7619' 7619'	19. Plug bac	k T.D.:	MD	761 761		20,	Depth Bridge P	lug Set:	MD	•	•	
	140		7019	<u> </u>	<del></del>	TVD	701	<del>-</del>	<del> </del>			TVI	<u> </u>		
21. Тур	pe Electric & o								22.	Was well cored	?	x No	Yes	(Submi	it analysis)
•	•	Ca	sed-hole (	GR/Neutro	n after cas	sing				11/ DCT				(C.1	
										Was DST run?		X No	_		it report)
										Directional Sur	vey?	xNo	Yes	(Submi	it copy)
	sing and Liner														
Hole Size 12 1/4"			Wt. (#/ft.) 24#	Top 0	(MD)	Bottom(MD) 505'	Stage Cemen	ter Depth	<del></del>	cs. & Type of Tyle III	Slurry V		Surf (circ		Amount Pulled
7 7/8"	4 1/2 N	_	11.6#	0	-	7614'	252	1		Prem lite	30	112	Surface (c		
							442	0	273 I	Prem lite	103				
									·	Гуре III	12				
							<u></u>		<del></del>	Prem lite	134		ļ	-	
a. Tul	bing Record		<del>_</del> _	l					50 1	Гуре Ш	12				
24. Tul	Depth S	et (MD)	Packer	Depth (MD)	Size	De	pth Set (MD)	Packer	r Depth (MD	)) S	ize	Dept	th Set (MD)	Pac	ker Depth (MD)
2 3/8", 4.7#	J-55 74	79'	+					<u> </u>							
	oducing Interva	ıls				26.	Perforation	Record							<del></del>
	Formation			Тор	Bottom	1	Perforated In	teval ·		Size	No. of	Holes		Perf. St	atus
A)	Mesa Ver						4862-490			0.40"	6		<del></del>	<del></del>	ducing
B)	Mesa Ver						5028-508 5164-52			0.40"	8		<del></del>		ducing
C) D)	Mesa Vere						5306-542			0.40"	10		<del></del>		ducing
	id,Fracture Tre		. Cement S	aueeze. Etc			3300-317			0.10			Оро	11, p10	adom <u>s</u>
	Depth Interval			1				Amount a	and Type of	Material				_	
40.00 4000					•		rac w/90000	gal 70-6	50% N2 fo	oam (34860	gal 20#	gel + 10	099000 scf N	12) &	124710#
4862-4903'	·			40 s @ 50-6 dize w/100			Frac w/1050	J0gal 70-	-60% N2	toam (431:	14 gal 20	# gel + :	1283000sct	N2) &	153685#
5028-5080	,		20/	40 sd @ 50	60 bpm &	3100 psi.		**···		a W		<u> </u>		(5) (0	# 1 1 Z Z Z W S
5164-5246'	1		20/	10 ed @ 50.	60 hnm &	1 3570 nei		-		•	-	-			&d 167680#
5306-5422			Aci	dize w/1000 40 sd @ 50-	) gal 15% l	TCI & balls	Frac w/1550	00gal 70	0-60% N2	2 foam. (60	900 gal	20# gel	+ 1903000 :	scf N2	2)& 249160#
	oduction- Interv	/al A		+U SU (W. 20-	oo opin &:	JUOU USI.									
Date First	Test Date		Hours Tested	Test	Oil Bbl	Gas	Water Bbi	Oil Gravit		Gas Gravity	Produ	ection Me	thod		
Produced 5/22/201	14 5/31/20	)14	24	Production	29	MCF 300	66	Corr. API			Flov	ving			
Choke Size	Tbg. Press		Csg Press.	24 Hr. Rate	Oil Bbl	Gas	Water	Gas: Oil R	Ratio	Well Status	1, 3,				
64/64	Flwg. SI		157		29	MCF 300	Вы 66			Producing			OTED SC		

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

Produced				Production		MCF	Вы	Corr. API				
Choke Size	Tbg. Pres Flwg. Sl	is .	Csg Press.	24 Hr. Rate	Oil Bbl	Gas MCF	Water Bbl	Gas: Oil Rat	io Well Si	tatus		
28c. Produ	iction- Int	erval C			<u></u>							
Date First Produced			Hours Tested	Test Production	Oil Bbl	Gas MCF	Water Bbl	Oil Gravity Corr. API	Gas Gr	avity	Production Method	
Choke Size	Tbg. Pres. Flwg. SI	s	Csg Press.	24 Hr. Rate	Oil BbI	Gas MCF	Water Bbl	Gas: Oil Rati	io Well Si	tatus		
29. Dispositi	ion of Gas	S (Sold, 1	ised for fuel	, vented, et	_ <del></del>	-4						
Gas sold w												
30. Summary	y of Porou	ıs Zones	(include Ac	quifers):				31. I	Formation (Lo	og) Marl	kers:	·
			and contents th			rill-stem tests, i	ncluding depth	interval				
tested, cushio	n used, time	tool open, t	lowing and shut	-in pressures a	nd recoveries.							
. Form	ation	Тор	Botto		Descript	tions Conte	ata Eta		_	Momo		Тор
. rom			50110	.	Descrip	nons Conte	ns, Etc.			Name		Measured Depth
Ojo Alamo		2524					-		_			
Kirtland		2713						·				
Fruitland Co	al	3004	}					}				
Pictured Clif	ffs	3107										
Lewwis Shal	le ,	3198'			•							
Chacra		4047	İ									
Cliffhouse		4787										
Menefee	ļ	4840		-							•	
Point Looko	ut	5354										
Mancos		5521										•
Gallup		6532		ŀ								
Greenhorn		7270'										
Graneros Sha	ale	7330	1									
Dakota		7359	}									
<ol> <li>Indicate v</li> </ol>				d by placin	g a check in	7						
Electrical	I/ Mechanica	I Logs (1 fu	ill set required)		Ļ	Geologic Rep	ort		T Report		Directional Surv	
Sundry N	lotice for plu	gging and c	ement verificati	on	L	Core Analysis		Oth	er: Well.	bore	e sche	matic
34. I hereby cer	rtify that th	e foregois	ng and attach	ed information	n is complete	and correct	as determin				hed instructions)*	
			McMillan	·				Sr. Regul				
Name (pleas	Sei	rnee	Mc	Me	llen	<u></u>	Date	6/2/2014				
Name (pleas		d Title 43 U		212, make it a	crime for any pe	erson knowingly	and willfully (	to make to any dep	partment or agenc	y of the Un	nited States any false, f	ictitious or fraudulent ststements
Signature			risdiction.									
Signature			risdiction.									(Form 3160-4, page
Signature			risdiction.									(Form 3160-4, page