Form 3160-4 (August 2007)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT



FORM APPROVED OMB NO. 1004-0137 EXPIRES: July 31, 2010

LL COMPLETION OR RECOMPLETION REPORT AND LOG $^{ m MAY}$ $^3$ $^1$	1, 20
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	WE	LL COMPL	ETION OR R	ECOMPLE	TION RE	PORTA	ND LOG 3	1, 2013	1	Lease Se		107697	: NMLC002	9358	
Ia. Type of W	Vell V	Oil Well	Gas We	Dry		nh N	MOCD /	ARTES	314	If Indian					
b. Type of Co		New Well	Work Over	Deepen	3	lug Back	Diff. Resvr.		~	1	, , , , ,	. 01 111	oc realic		
	Ot	her:	<del></del>					•		7. Unit or (	CA Agree	ment l	Name and !	No.	
2. Name of C	Operator									I. Lease N	ame and	Well N	0.		
			DEVON ENERGY PRODUCTION COMPANY, LP									nosa 2	4 Fed Com	1H	
3. Address	333 WEST SH	IERIDAN, OKL	AHOMA CITY, OK .	<del></del>									15-40626		
		rt location cled	arly and in accord	lance with Fed	eral require	ments)*			$\cdot$	10. Field a		-	-		•
At Surfa		FNL 275 FWL		•			•		H	11. Sec, T.			e Spring W	lest	·
At top pr		eported below							1		or Area	JII DIO	ck und		
			•						L				19S 31E		
At total I	Depth 390	FNL & 756 FEI	L SEC 24			PP: 579 F	NL & 293 FWL		12. County or Parish 13. State					NM	
14. Date Spu	ıdded	12/25/12	15. Date T.D. R	eached ·	1/31/13	6. Date Con	npleted /	3/15/13	+	17. Elevati	ons (DR.	RKB.	RT; GL)*	MM	
• `			·			D &		ady to Prod				35	537' GL		
18. Total De			13,679'	19. Plug Ba	ck T.D.:	MD	13,631'		20. [	und Brida	se∏e Si	et:	MD		
21. Typc Ele	TVD ctric & Other		ogs Run (Submit	copy of each)	<del></del>	TVD	<del></del>	22. Was	well	cd <b>b</b> ?		0	TVD Yes (Sub	mit analy:	sis)
			3							run?-	N		Yes (Sub	*	
			CRO/CFL/SPECTR		JT/LOG/THR	EE/DET/LITH	IDESISPECIGR	Dire	ction	al Survey?	N	o	Yes (Sub	mit copy)	
		1	strings set in wel		Stage	e Cementer		A.T. G		Slu	ırry Vol.	Τ.	· · · · · ·		
Hole Size	Size/Grade		Top (MD)	Bottom (MD		Depth	No. of Sks.			BBL)	1	Cement Top	Y Am	ount Pulled	
26' 17 1/2"	20" J-55 13 3/8" J-55	94#	0	738' 2627'		<del>-  </del>		1175 sx Cl C; Circ 300 sx 1855 sx C; Circ 542 sx				+	Surface Surface	-	
12 1/4"	9 5/8" J-55	40#	0	4779'	TO	C @ 1690'				<del>-   -</del>		+	CBL	+	
8 3/4"	PH			9600	, DV	/ @ 5512'		35 sx H							
8 3/4"	5/12" P110	17#		13,679			1850 sx H; 300 sx C; Circ 29								
24. Tubing R	Record	<u> </u>	<u> </u>				<u> </u>	· · ·		<u>t</u>					
Size		h Set (MD)	Packer Depth (	MD) Siz	e De	pth Set (MD	) Packer	Depth (MD	)	Size	De	pth Se	t (MD)	Packer [	Depth (MD)
, 27/8"	<del>-   - `</del>	8954'	<u> </u>				<del></del>	<del></del>		<del></del>	<del>                                     </del>				
25. Producin	g Intervals		····		26. P	erforation R	ecord						1		
	Formation	·	Top	Bottom			d interval	Size		No. Ho				Status	
A) B)	Bone Spri	ng · .	9,500	13,605		9300-	13605	+	$\dashv$	288	— <del>†</del>		Pro	ducing	
C)								1							
D)	· Teaster	ent, Cement S		<u> </u>	l										
	Depth Interva		queeze, Etc.				Amount and	Type of Ma	terial	· · · · · · · · · · · · · · · · · · ·			<del></del>		<del></del>
	9500-13605		Frac & acidize	perfs in 8 stag	es (see attac	ched detailed									
						·				121	4 4	A N/	ATTY	186	
						· ·				171		2	16	3	
28. Production				-		-				<del></del>	7 8 4				
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water B	BL Oil Gr API	avity Corr.	Gas	Gravity	Produ	iction !	Method	** ******	•
3/15/13	3/15/13	24		500	318	11	162		_			·	·Pum	oing	
Choke Size	Tbg. Press.	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water B	BL Gas: 0	Oil Ratio	Well	Stafus	DTF	n	FUB	RFC	<u>NRN</u>
	Flwg SI		<u> </u>	500	318	1	162		11	RUUI	_	_U	IUI	IILU	UNU
28a. Product	ion - Interval	B B		1 300	· · ·	<u> </u>		<del></del> ,	┰						
Date First	Test Date	Hours	Test Production	Oil BBL	Gas MCF	Water B	BL Oil Gr	avity Corr.	Gas	Gravity	Produ	ction	2 5 20	10	
Produced		Tested		,			API				MA	ر ۱۲	נט עט	เป	
E	Tbg. Press.	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water B	BL Cos (	Oil Ratio	w.h	Status	1	//	1		
	Flwg SI	355. 1 1633		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	0.30	Trailer B	- Joan 1	on reality	"		REAU O	EJA	ND MAN	ACEN	CNT
<u> </u>	<u> </u>	<u>L</u>			1				Ц	DUI			FIELD (		LIV I
*(See instruc	ctions and sp	aces for addit	tional data on pag	ge 2)		:	•		L	<del> /</del>	MUILO	שאט	ווננט (	/1 1 1 UL	

<i>j</i> `											
28b. Produc Date First	tion - Interval		T vot D 1	Oil BBL	Cur NICE	War DD	long-ris o	ConComin	Production M	athed	<del></del>
Date First Produced	Test Date	Hours Tested	Test Production	OILBBL	Gas MCF	Water BBL	Oil Gravity Corr	.  Gas Gravity	Production M	emod	
Choke Size	Tbg. Press. Flwg SI	Csy. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	<del></del>		. 1
8c. Produc	tion - Interval	D		I	<u> </u>			<u> </u>	· · · · · · · · · · · · · · · · · · ·		
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF .	Water BBL	Oil Gravity Corr API	. Gas Gravity	Production N	ethod .	
Choke Size	Tby. Press. Flwy SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status			
29. Disposit	ion of Gas (So	l. did. used for f	itel, vented, etc.)	L,	<u> </u>			<u> </u>			
							Tax or it is				
iv. Summar	y of Porous Zo	ones (Include	Aquiters):				31. Formation (Log)	Markers			
	,		and contents thereon used, time tool o				,				
recoveries											
Form	nation	Тор	Bottom	Desc	riptions, Conte	ents, etc.		Name	-		, Top Meas. Depth
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							Base Salt Yates			2250' 2410'	, .
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•							Delaware Bone Spring Fm 3rd Bone Spring Lm		•	4797' 7021' 9444'	
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32. Addition	nal remarks (ir	l Iclude pluggir	g procedure):	<u> </u>		·	<u>. L </u>	· ·	<u> </u>	•	
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33 Indicate	which items h	iave heen atta	thed by placing a c	heck in the a	nnrancius hav	<del> </del>	<del></del>		•		
Ele	etrical/Mech	anical Logs (	I full set req'd) nd cement verific		Geologic R Core Analy	eport	DST Report Other	Directional	Survey	·	
34. Thereby	certify that the	e laregoing ar	d attached informa	uion is comp	ete and correc	t as determine	d from all available re	cords (see attache	d instruction)*	•	
Name (pleas	e print)		Judy A. B.	arnett x8699		Tı	tle	Regulato	ory Specialist		
Signature	(		B	Sa		<b>&gt;</b> D:	ite	5/1	3/2013		
18 U.S.C Sec		6/10	Section 1212, make	il a urima for			Ifully to make to any de				<u> </u>

13 C.S.C. Section 1001 and 1 inc 43 C.S.C. Section 1212, make it a crime for any person knowlingly and willfully to make to any department or agency of the United States any false, licitious 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, 201

ARLSDAD FIELD OFFICE

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EXPIRES: July 31, 2010 BUREAU OF LAND MANAGEMENT WELL COMPLETION OR RECOMPLETION REPORT AND LOG 3 1 2013 5. Lease Serial No. NM0107697; NMLC0029358 NMOCD ARTESIA Oil Well Dry If Indian, Allottee or Tribe Name 1a. Type of Well Oth b. Type of Completion New Well Work Over Deepen Plug Back Diff. Resvr., Other: Unit or CA Agreement Name and No. 2. Name of Operator 8. Lease Name and Well No. DÉVON ENERGY PRODUCTION COMPANY, LP Mimosa 24 Fed Com 1H 3. Address 3a. Phone No. (include area code) 9. AFI Well No. 333 WEST SHERIDAN, OKLAHOMA CITY, OK 73102 30-015-40626 405-235-3611 4. Location of Well (Report location clearly and in accordance with Federal requirements)\* 10. Field and Pool or Exploratory At Surface Lusk; Bone Spring West 582 FNL 275 FWL 11. Sec, T., R., M., on Block and Survey or Area At top prod. Interval reported below D 24 19S 31E 12. County or Parish At total Depth 390 FNL & 756 FEL SEC 24 PP: 579 FNL & 293 FWL 13. State NM Eddy 14. Date Spudded 12/25/12 15. Date T.D. Reached 1/31/13 16. Date Completed ✓ 3/15/13 17. Elevations (DR, RKB, RT, GL)\* Ready to Prod 3537' GL 18. Total Depth: MD 13,679 19. Plug Back T.D.: MD 13,631 th Bridge Set: TVD TVD TVD 21. Type Electric & Other Mechanical Logs Run (Submit copy of each) 22. Was well co Yes (Submit analysis) No Was DST run? No Yes (Submit report) CBL:BH/LOG:HI/RES/LAT/LOG/ARRAY/MICRO/CFL/SPECTR/GR:COMP/NEUT/LOG/THREE/DET/LITH/DES/SPEC/GR Directional Survey? Yes (Submit copy) 23. Casing and Liner Record (Report all strings set in well) Stage Cementer Slurry Vol. Hole Size Size/Grade Wt. (#/ft.) Top (MD) ·Bottom (MD) No. of Sks. & Type Cement Cement Top\* Amount Pulled (BBL) Depth 94# 1175 sx Cl C; Circ 300 sx 26' 20" J-55 738 Surface 0 17 1/2' 13 3/8" J-55 68# 2627 1855 sx C; Circ 542 sx Surface 0 12 1/4" 9 5/8" J-55 40# 0 4779 TOC @ 1690' 1595 sx Cl C; Circ 347 sx CBL 8 3/4" PH 9600 DV @ 5512' 435 sx H 5 /12" P110 17# 13,679 1850 sx H; 300 sx C; Circ 293 sx 8 3/4" 24. Tubing Record Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) 2 7/8' 25. Producing Intervals 26. Perforation Record Formation Top Bottom Perforated Interval No. Holes Perf. Status 9,500 13,605 9500-13605 288 **Bone Spring Producing** B) C) 27. Acid, Fracture, Treatment, Cement Squeeze, Etc. Depth Interval Amount and Type of Material 9500-13605 Frac & acidize perfs in 8 stages (see attached detailed summary) RUCLAMATIO 28. Production - Interval A Date First Test Date Oil BBL Gas Gravity Hours Test Production Gas MCF Water BBL Oil Gravity Corr. Production Method Produced Tested 3/15/13 3/15/13 24 500 318 1162 Tbg. Press. 24 Hr. Rate Oil BBL Gas MCF Water BBL Choke Size Csg. Press Gas: Oil Ratio Flwg SI 500 318 1162 28a. Production - Interval B Date First Water BBL Oil Gravity Corr. Gas Gravity Test Date Test Production Oil BBL Gas MCF Hours Production Method 2013 Produced Tested Έ Tbg. Press. Csg. Press 24 Hr. Rate Oil BBL Gas MCF Water BBL Gas : Oil Ratio Well Status Flwg St BUREAU OF LAND MANAGEMENT

28b. Produc	tion - Interval	C :										
Date First	Test Date	l-lours	Test Production	Oil BBL	Gas MCF	Water BBL		Oil Gravity Corr.	Gas Gravity	Production M	lethod	
Produced	i i	Tested					1	API .			*	
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Choke Size	Thu. Press.	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	- I	Gas : Oil Ratio	Well Status			
	Flwg SI											
	<u> </u>	<u></u>				<u> </u>			<u> </u>		<del></del>	
Date First	tion - Interval	Hours	Test Production	Oil BBL	Gas MCF .	Water BBL	I,	Oil Gravity Corr.	Cas Cravity	Production N	fathod	•
Produced	Test Date	Tested	restriction	Olitopic	Gas Wici ,	Maicr DDD		API	Clas Glavily	1 roduction to	ictiou	
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Choke Size	Tbg. Press.	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL		Gas : Oil Ratio	Well Status	<del></del>		
•	Flwg St	,			<b>\</b> .		.					
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29. Disposit	tion of Gas (So	lid, used for J	fiel, vented, etc.)		•							
		·										
30 Summar	y of Porous Zo	ones (Include	Aquifers):				31. F	Formation (Log)	Markers		•	
Show all	important zan	as of morneity	and contents thereo	of Coredina	enals and all d	rill stam taste	l		•		•	
			on used, time tool of				1					
recoveries		•										
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For	nation .	Тор	Bottom	Desc	riptions, Conte	ents, etc.		·	Name		ļ	Top
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32. Additio	nal remarks (ir	iclude pluggir	ng procedure):									
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33 Indiana	which items b	iave been site	ched by placing a c	heck in the "	nnrancius barr	<del></del>						<del></del>
				ancer in the d							•	
			I full set req'd)		Geologic R			T Report	Directional Su	rvey		
Su	nary Notice f	or plugging a	ind cement verific	ation	Core Analy	/SIS	Otl	her				
34. I hereby	certify that th	e foregoing ar	nd attached informa	ation is comp	lete and correc	t as determined	d from	all available reco	ords (see attached i	nstruction (*		
		55 W			and correct	. as determined		arandore reet	(Doc anachel)		•	
Name (pleas	se print)		Judy A. B	arnett x8699		Tu	le	-	Regulatory	Specialist		
		) _	1	<u>' / .</u>		~~		,		,		
Signature		fin	3901	1 Jan	nels	Da	ite	<del></del>	5/13/	2013		<u> </u>
18 L1 S C S							16:11					

18 U.S.C Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowlingly 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.



## **United States Department of the Interior**



**BUREAU OF LAND MANAGEMENT** Pecos District Carlsbad Field Office 620 E. Greene Carlsbad, New Mexico 88220-6292 www.blm.gov/nm

IN REPLY REFER TO: NM133178 3105.2 (P0220).

Reference: Mimosa Fed Com 1H T. 19 S., R. 31 E., Section 24, N2N2 Eddy, County, NM

AUG 2 6 2014

Devon Energy Production Company 333 West Sheridan Avenue Oklahoma City, OK 73102-5105

#### Gentlemen:

Enclosed is an approved copy of Communitization Agreement NM133178 involving 40 acres of Federal land in lease NMLC0029358, and 120 acres of Federal land in lease NMNM0107697. Eddy County, New Mexico, which comprise a 160 acre well spacing unit, whose leases are held by actual production.

The agreement communitizes all rights to all producible hydrocarbons from the Bone Spring formation beneath the N2N2 of sec. 24, T. 19 S., R. 31 E., NMPM, and is effective 3/1/2013. Approval of this agreement does not warrant or certify that the operator, thereof, and other working interest owners hold legal or equitable title to the leases which are committed hereto.

Copies of this approval letter are being distributed to the appropriate Federal agencies. You are requested to furnish all interested parties with the appropriate evidence of this approval. Any production royalties that are due must be reported and paid according to regulations set up by the Office of Natural Resources Revenue at 1-800-525-9167 or 303-231-3504.

If you have any questions regarding this approval, please contact Edward G. Fernandez, Petroleum Engineer at (575) 234-2220.

Please furnish all interested principals with appropriate evidence of this approval.

Sincerely,

Steve Caffey

Assistant Field Manager, Lands and Minerals

1 Enclosure:

1 - Communitization Agreement

cc:

ONRR, Denver (357B-1, Antoinette Contreraz, Stacey Kaiser) NM Taxation & Revenue Dept. (Revenue Processing Div.) NMOCD NM (9200) NM (P0220-CFO, File Room)

#### Determination - Approval - Certification

Pursuant to the authority vested in the Secretary of the Interior under Section 17(j) of the Mineral Leasing Act of 1920, as amended (74 Stat. 784; 30 U.S.C. 226(j)), and delegated to the authorized officer of the Bureau of Land Management, I do hereby:

- A. Determine that the Federal lease or leases as to the lands committed to the attached agreement cannot be independently developed and operated in conformity with the well-spacing program established for the field or area in which said lands are located, and that consummation and approval of the agreement will be in the public interest. Approval of this agreement does not warrant or certify that the operator thereof and other holders of operating rights hold legal or equitable title to those rights in the subject leases which are committed hereto.
- B. Approve the attached Communitization Agreement covering the N2N2 of sec. 24, T. 19 S., R. 31 E., NMPM, as to all producible hydrocarbons from the Bone Spring formation. This approval will become invalid if the public interest requirements under section 3105.2-3 (e) are not met.
- C. Certify and determine that the drilling, producing, rental, minimum royalty and royalty requirements of the Federal lease or leases committed to said agreement are hereby established, altered, changed, or revoked to conform with the terms and conditions of the agreement.

Approved:

Authorized Officer Steve Caffey

Mp 9 Cm

Assistant Field Manager

Effective: 3/1/2013

Contract No.: Com. Agr. NM133178

### United States Department of the Interior



#### **BUREAU OF LAND MANAGEMENT**



Carlsbad Field Office 620 E. Greene Carlsbad, New Mexico 88220-6292 www.nm.blm.gov

In Reply Refer to NM133178 3107 (P0220)

#### Memorandum

To: State Director (9210)

From: Land Law Examiner (P0220)

Subject: First Production, Communitization Agreement NM133178

Date of Completion: 3/15/13

Date of First Production: 3/15/13

Field: Lusk

Operator, Well Name & No, API Number: Devon; Mimosa 24 Fed Com 1H; 3001540626

Surface Location: N2N2 sec. 24, T. 19 S., R. 31 E.

Total Depth: 13,679 MD; TVD

Surface Elevation: 3,537 GL

Producing Formation: Bone Spring (9,500 - 13,605)

Well Capable of Production in Paying Quantities: Yes

Initial Daily Production: Oil 500 BBL; Gas 318 MCF; Water 1,162 BBL

Current Status: Producing Oil Well

Remarks: CA NM133178, effective 03/01/2013, communitizes production of all gas and fluid hydrocarbons in the Bone Spring formation beneath the N2N2 of sec. 24, T. 19 S., R.31 E., NMPM, and comprises 40 acres of Federal land in lease NMLC0029358, and 120 acres of Federal land in lease NMNM0107697 for a 160 acre well spacing unit, whose leases are held by actual production.

If you have any questions regarding this memorandum, please call Arthur Morrison at ajmorrison@blm.gov.

/S/ Arthur Morrison August 26, 2014

cc:

ONRR-MS 63230B First Production File LLNM (P0220, File Room)