

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

FORM APPROVED
OMB NO 1004-0137
Expires March 31, 2007

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well Oil Well Gas Well Dry Other
 b. Type of Completion: New Well Work Over Deepen Plug Back Diff. Resrv.,
 Other: _____

2. Name of Operator
Devon Energy Production Co., LP

3. Address 20 North Broadway
OKC, OK 73102

3a. Phone No. (include area code)
405-552-7802

4. Location of Well (Report location clearly and in accordance with Federal requirements)
 At surface 1150' FSL & 340' FWL
 At top prod. interval reported below 1092' FSL & 375' FWL
 At total depth 300' FSL & 456' FEL

5. Lease Serial No.
NMNM-LC 069464-A *NM 12696de*

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.
Arcturus 18 Federal 4H

9. AFI Well No.
30-015-38611

10. Field and Pool or Exploratory
Hackberry; Bone Spring, North

11. Sec., T., R., M., on Block and Survey or Area
Sec 18-T19S-R31E

12. County or Parish
Eddy

13. State
NM

14. Date Spudded
11/15/2011

15. Date T.D. Reached
12/05/2011

16. Date Completed
 D & A Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
3248' GL

18. Total Depth: MD 13,247'
TVD 8,875'

19. Plug Back T.D.: MD 13,578'
TVD

20. Depth Bridge Plug Set MD
TVD n/a

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CBL

22. Was well cored? No Yes (Submit analysis)
 Was DST run? No Yes (Submit report)
 Directional Survey? No Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cement Depth	No of Sks & Type of Cement	Slurry Vol (BBL)	Cement Top*	Amount Pulled
26"	20" H-40	94#	0'	120'				Surface	
17 1/2"	13 3/8" H-40	48#	0'	393'		500 sx Cl C		Surface	DV Tool @ 4492 - 95'
12 1/4"	9 5/8" J-55	40#	0'	3101'		1050 sx Cl C		Surface	
8 3/4"	5 1/2" P-110	17#	0'	13247'		460 sx Cl H		TOC @ 2110'	per CBL

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"	8,342'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Bone Spring	9200'	13178'	9200 - 13178'	6 SPF	180	Producing
B)						
C)						
D)						

26. Perforation Record

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
9200' - 13178'	Acidize w/7,500 gals 7.5% HCL acid. Frac w/47,186 100 mesh white sd & 1,151,726 lbs 20/40 white snd & 339,982 20/40 LBD.

RECLAMATION
DUE 9-5-12

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
03/05/12	03/15/12	24	→	555	620	710			Pumping
Choke Size	Tbg Press. Flwg. SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
	250#	120#	→	555	620	710	1117.117	Producing	

ACCEPTED FOR RECORD

28a. Production - Interval B

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. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

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

28b Production - Interval C									
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. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

28c Production - Interval D									
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. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

29 Disposition of Gas (Solid used for fuel, vented, etc.)
Sold

30. Summary of Porous Zones (Include Aquifers).

Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries

31 Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				Delaware Bone Spring	4261' 6413'
				1st Bone Spring 2nd Bone Spring	7799' 8190'
				2nd Bone Spring Sand	8620'

32. Additional remarks (include plugging procedure)

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33. Indicate which items have been attached by placing a check in the appropriate boxes.

- Electrical/Mechanical Logs (1 full set req'd)
 Geologic Report
 DST Report
 Directional Survey
 Sundry Notice for plugging and cement verification
 Core Analysis
 Other.

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Stephanie A. Ysasaga
 Signature [Signature]

Title Sr. Staff Engineering Technician
 Date 05/18/2012

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

(Continued on page 3)

(Form 3160-4, page 2)



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
NM133243
3107 (P0220)

Memorandum

To: State Director (9210)

From: Land Law Examiner (P0220)

Subject: First Production, Communitization Agreement NM133243

Date of Completion: 3/5/12
Date of First Production: 3/5/12
Field: Hackberry
Operator, Well Name & No, API Number: Devon; Arcturus 18 Fed 4H; 3001538611
Surface Location: S2S2 sec. 18, T. 19 S., R. 31 E.
Total Depth: 13,247 MD; TVD 8,875
Surface Elevation: 3,248 GL
Producing Formation: Bone Spring (9,200 – 13,178)
Well Capable of Production in Paying Quantities: Yes
Initial Daily Production: Oil 555 BBL; Gas 620 MCF; Water 710 BBL
Current Status: Producing Oil Well

Remarks: CA NM133243, effective 3/1/12, communitizes production of all gas and fluid hydrocarbons in the Bone Spring formation beneath the S2S2 of sec. 18, T. 19 S., R.31 E., NMPM, and comprises 117.74 acres of Federal land in lease NMLC069464A, and 40 acres of Federal land in lease NMNM126966 for a 157.74 acre well spacing unit, whose leases are held by actual production.

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

/S/ **Arthur Morrison**
September 4, 2014

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



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



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2014 SEP -9 P. 3: 0

IN REPLY REFER TO:

NM133243

3105.2.(P0220)

Reference:

Arcturus 18 Fed 4H

S2S2 of sec. 18, T. 19 S., R. 31 E.

Eddy County, NM

SEP 04 2014

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

Gentlemen:

Enclosed is an approved copy of Communitization Agreement NM133243 involving 117.74 acres of Federal land in lease NMLC069464A, and 40 acres of Federal land in lease NMNM126966, Eddy County, New Mexico, which comprise a 157.74 acre well spacing unit, whose leases are held by actual production.

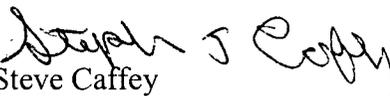
The agreement communitizes all rights to all producible hydrocarbons from the Bone Spring formation beneath the S2S2 of sec. 18, T. 19 S., R. 31 E., NMPM, and is effective 3/1/12. Approval of this agreement does not warrant or certify that the operator, thereof, and other working interest owners hold 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 Contreras, Stacey Kaiser)

NM Taxation & Revenue Dept. (Revenue Processing Div.)

NMOCD

NM (9200)

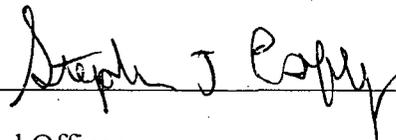
NM (P0220-CFO, File Room)

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 S2S2 of sec. 18, 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
Assistant Field Manager

Effective: 3/1/12

Contract No.: Com. Agr. NM133243