

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**RECEIVED**  
OCD Artesia  
OCT 31 2013  
NMOC D ARTESIA

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

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

1. Lease Serial No. NMNM92767

2. Name of Operator **DEVON ENERGY PRODUCTION COMPANY, L.P.**

3. Address Attn: DAVID H. COOK, 333 W. SHERIDAN AVE., OKLAHOMA CITY, OKLAHOMA 73102-5010  
3a. Phone No. (include area code) (405) 552-7848

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At surface: UNIT I, 2140 FSL & 225 FEL PP: 2245 FSL & 75 FEL  
At top prod. interval reported below  
At total depth UNIT M, 621 FSL & 366 FWL;

5. Lease Name and Well No. AQUILA 22 FED COM 4H  
9. AFI Well No. 30-015-41159  
10. Field and Pool or Exploratory LUSK; BONE SPRING W  
11. Sec., T., R., M., on Block and Survey or Area 22-19S-31E  
12. County or Parish EDDY 13. State NM

14. Date Spudded 05/27/2013 15. Date T.D. Reached 07/29/2013 16. Date Completed 10/09/2013  
 D & A  Ready to Prod. 17. Elevations (DF, RKB, RT, GL)\* 3,542.3' GL

18. Total Depth: MD 15,660' TVD 9,094' 19. Plug Back T.D.: MD 15,608' TVD 10,000' 20. Depth Bridge Plug Set: MD TVD

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 Sk. & Type of Cement	Slurry Vol (BBL)	Cement Top*	Amount Pulled
26"	20, J-55	94#	0	657'		1287sx		Surface	
17-1/2"	13-3/8, J-55	68#	0	2,597'		1,800sx		Surface	
12-1/4"	9-5/8, J-55	40#	0	4,252'	DVT @ 2,665'	1,420sx		Surface	
8-3/4"	7", P-110	29#	0	8,617'	DVT @ 3,197'	1,250sx		Surface	
6-1/8"	4-1/2", P-110	13.5#	8,462'	15,660'		665sx		8,458'	

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"	8,417'							

25. Producing Intervals 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	11,070'	15,587'	11,070' - 15,587'	0.42"	400	Open
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
11,070' - 15,587'	Frac 10 Stages w/ total: 298,280# SLC 40/70, 47,500 gallons 15% HCL, 980,840# 40/70 WS, 45,900# 100 Mesh, 61,866 bbls SW (See attached detailed summary)

**RECLAMATION**  
DUE 4-9-14

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
10/9/13	10/18/13	24	→	581	474	900			Pumping
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
	SI 140		→	581	474	900			

**ACCEPTED FOR RECORD**  
PRODUCING

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	
	SI		→						

OCT 26 2013  
BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

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

9

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
				SALT	855'
				BASE SALT	2170'
				YATES	2340'
				CAPTIAN REEF	2670'
				DELAWARE	4540'
				BONE SPRING FM	6960'

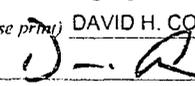
32. Additional remarks (include plugging procedure)

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) DAVID H. COOK      Title REGULATORY SPECIALIST

Signature       Date 10/22/2013



## 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](http://www.blm.gov/nm)



RECEIVED  
2014 SEP 15 P 3:24

IN REPLY REFER TO:  
NM133174  
3105.2 (P0220)

Reference:  
Aquila 22 Fed Com 4H  
T. 19 S., R. 31 E.,  
Section 22, S2S2  
Eddy County, NM

SEP 05 2014

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

Gentlemen:

Enclosed is an approved copy of Communitization Agreement NM133174 involving 120 acres of Federal land in lease NMNM044594, and 40 acres of Federal land in lease NMNM092767, 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 S2S2 of sec. 22, T. 19 S., R. 31 E., NMPM, and is effective 9/1/2013. 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,

A handwritten signature in black ink, appearing to read "Stephen J Caffey".

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)

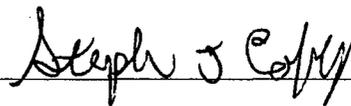
NM (P0220-CFO, File Room)

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. 22, 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: 9/1/2013

Contract No.: Com. Agr. NM133174



# 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  
NM133174  
3107 (P0220)

### Memorandum

To: State Director (9210)

From: Land Law Examiner (P0220)

Subject: First Production, Communitization Agreement NM133174

Date of Completion:	10/9/13
Date of First Production:	10/9/13
Field:	Lusk
Operator, Well Name & No, API Number:	Devon; Aquila 22 Fed Com 4H; 3001541159
Surface Location:	Sec. 22, T. 19 S., R. 31 E.
Total Depth:	15,660 MD; TVD 9,094
Surface Elevation:	3,542.3 GL
Producing Formation:	Bone Spring (11,070 – 15,587)
Well Capable of Production in Paying Quantities:	Yes
Initial Daily Production:	Oil 581 BBL; Gas 474 MCF; Water 900 BBL
Current Status:	Producing Oil Well
Remarks:	CA NM133174, effective 09/01/2013, communitizes production of all gas and fluid hydrocarbons in the Bone Spring formation beneath the S2S2 of sec. 22, T. 19 S., R.31 E., NMPM, and comprises 120 acres of Federal land in lease NMNM044594, and 40 acres of Federal land in lease NMNM092767 for a 160 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](mailto:ajmorrison@blm.gov).

/S/ **Arthur Morrison**  
August 25, 2014

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