

N.M. Oil Cons. DIV-Dist. 2

1301 W. Grand Avenue

Artesia, NM 88210
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTForm 3160-4
(August 1999)FORM APPROVED
OMB NO. 1004-0137
EXPIRES: NOVEMBER 30, 2000

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. Resvr.,
☐ Other

2. Name of Operator

DEVON ENERGY PRODUCTION COMPANY, LP

3. Address

20 North Broadway, Ste 1500
Oklahoma City, OK 73102-82603a. Phone No. (include area code)
405-552-7802

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At Surface

N 660 FSL & 1980 FWL

At top prod. interval reported below

At total Depth N 660 FSL & 1980 FWL

RECEIVED

OCT 11 2005

OCD-ARTESIA

5. Lease Serial No.

NM0418220-A

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.

Todd 27 N Federal 14

9. API Well No.

30-015-34186 SI

10. Field and Pool, or Exploratory

Ingle Wells; Delaware

11. Sec. T., R., M., on Block and
Survey or Area

27 23S 31E

12. County or Parish

Eddy

13. State

NM

17. Elevations (DR, RKB, RT, GL)*

3412'

14. Date Spudded

8/3/2005

15. Date T.D. Reached

8/18/2005

16. Date Completed

9/8/2005

☐ D & A ☒ Ready to Prod.18. Total Depth: MD 8,200'
TVD19. Plug Back T.D.: MD 8,147'
TVI20. Depth Bridge Plug Set: MD
TVI

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

AIT_MCFL_GR_CNL

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 Cementer Depth	No. of Sk. & Type Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17 1/2"	13 3/8 H-40	48#	0	855'		850 sx CI C, 83 to pit		0	
11"	8 5/8 J-55	32#	0	4249'		1220 sx Poz C, 92 to pit.		0	
7 7/8"	5 1/2" J-55	17 & 15.5	0	8200'		1100 sx CI C, 87 sx to pit			

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"	7990'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
Delaware	8022	8034	8022-8034			Producing
Delaware	7186	7206	7186-7206			Producing
Delaware	6404	6414	6404-6414			Producing

26. Perforation Record

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

Depth Interval	Amount and Type of Material
8022-8034	Frac w/120,000 16/30 Ottawa & RC sn.
7186-7206	Acidize w/2000 gal 7.5% Pentol acid. Frac w/28,000 16/30 Ottawa & RC sn.
6404-6414	Acidize w/1000 gal 7.5% Pentol acid. Frac w/30,000 16/30 Ottawa & RC sn.

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
9/8/2005	9/18/2005	24	→	86	76	215			Pumping
Choke Size	Tbg. Press. Flwg SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
0	0	→	→	86	76	215	884	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	
		→	→						

(See instructions and spaces for additional data on reverse side)

ACCEPTED FOR RECORD

OCT - 5 2005

ALEXIS C. SWOBODA
PETROLEUM ENGINEER

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	
			→						

(See instructions and spaces for additional data on reverse side)

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

Sold

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
Rustler		545'			
Salado		885'			
Base Salt		4045'			
Delaware		4277'			
Bone Spring		8133'			

Additional remarks (include plugging procedure):

08/18/05 - 09/08/05:

MIRU PU. Drill out DV & TIH to PBTD. Spot 1500 gal 10% acetic acid. POOH. RU WL. Ran CBL (TOC @ 360') & perf L. Brushy Canyon 8022-34'. Frac w/120,000# 16/30 Ottawa & RC. Flowed back. Perf U. Brushy Canyon 7186-7206' & 6404-14'. Acidize 7186-7206' w/2000 gal 7.5% Pentol acid. Swab. Frac w/28,000# 16/30 Ottawa & RC. Acidize 6404-14' w/1000 gal 7.5% Pentol acid. Swab. Frac w/30,000# 16/30 Ottawa & RC. Retr RBP & POOH. RIH w/bailer & cleaned out. RIH w/prod tbg, rods, & pump. Start pumping.

Circle enclosed attachments:

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

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 Title Senior Engineering TechnicianSignature [Signature] Date 10/3/2005

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.



DRILLING INC. Oil Well Drilling Contractor

Post Office Box 160 • Artesia, NM 88211-0160 • Office (505) 748-8704 • Fax (505) 748-8719

August 18, 2005

Devon Energy Production Company, LP
20 North Broadway, Suite 1500
Oklahoma City, Oklahoma 73102

Re: Todd 27 "N" Fed #14
Section 27, T-23 S, R-31-E
Eddy County, New Mexico

Attention: Bill Dougherty

The following is a Deviation Survey on the above referenced well in Eddy County, New Mexico:

207' - 3/4°	2730' - 1°	5667' - 1 1/2°
416' - 3/4°	3201' - 1 1/4°	6105' - 1 1/2°
621' - 1 1/4°	3671' - 1°	6578' - 1 1/4°
812' - 3/4°	4077' - 3/4°	7047' - 1 3/4°
1305' - 1°	4264' - 1 1/2°	7519' - 1/4°
1775' - 1/2°	4728' - 1 3/4°	7989' - 1 1/4°
2257' - 1 1/2°	5227' - 3/4°	8157' - 1 1/4°

Sincerely,

Gary W Chappell
Contracts Manager

STATE OF NEW MEXICO)
COUNTY OF CHAVES)

The foregoing was acknowledged before me this 18th day of August, 2005 by Gary W Chappell.

MY COMMISSION EXPIRES

June 19th, 2007

NOTARY PUBLIC