

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NM0405444

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.
TODD 23 C FEDERAL 18

9. API Well No.
30-015-32632

10. Field and Pool, or Exploratory
INGLE WELLS DELAWARE

11. Sec., T., R., M., or Block and Survey
or Area Sec 23 T2S R31E Mer NMP

12. County or Parish
EDDY

13. State
NM

17. Elevations (DF, KB, RT, GL)*
3455 GL

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

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 CO LP Contact: KAREN COTTOM
E-Mail: karen.cottom@dvn.com

3. Address 20 NORTH BROADWAY
OKLAHOMA CITY, OK 73102-8260 3a. Phone No. (include area code)
Ph: 405.228.7512

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

At surface NENW 660FNL 1980FWL

At top prod interval reported below NENW 660FNL 1980FWL

At total depth NENW 660FNL 1980FWL

14. Date Spudded
11/29/2002 15. Date T.D. Reached
12/14/2002 16. Date Completed
☐ D & A ☒ Ready to Prod.
01/07/2003

18. Total Depth: MD 8430 TVD 19. Plug Back T.D.: MD 8343 TVD 20. Depth Bridge Plug Set: MD TVD

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

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 of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 H40	48.0	0	840		850		0	
11.000	8.625 J55	32.0	0	4376		1500		0	
7.875	5.500 J55	15.5	0	8430		820		3400	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	8147							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) DELAWARE	7057	8080	7057 TO 8080	0.400	84	PRODUCING
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
8067 TO 8080	FRAC'D W/33,790 GAL VIKING & 72,000 16/30 SD
7591 TO 7602	ACIDIZED 1000 GAL 7.5% PENTOL, FRAC'D W/11,760 WTR & 28,000# 16/30 SD
7417 TO 7425	ACIDIZED 2000 GAL 7.5% PENTOL, FRAC'D W/11,760 WTR & 28,000# 16/30 SD
7057 TO 7067	ACIDIZED 1000 GAL 7.5% PENTOL, FRAC'D W/18,250 WTR & 51,000# 16/30 SD

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
01/08/2003	01/24/2003	24	→	96.0	73.0	165.0			ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. 0	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
9	SI	0.0	→	96	73	165	760	POW	

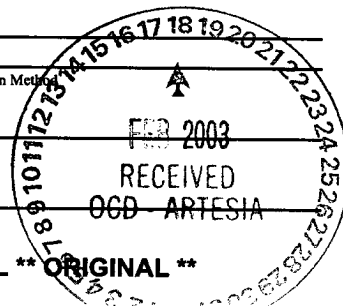
28a. Production - Interval B

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		→						

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

ELECTRONIC SUBMISSION #18585 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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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(Sold, 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
BRUSHY CANYON	6964	8250		RUSTLER SALT BASE SALT BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPRING	735 1063 4148 4383 5320 6965 8250

32. Additional remarks (include plugging procedure):

11/29/02 - Spud 17 1/2" hole
12/1/02 - ran 18 jts of 13 3/8, 48#, H-40, ST&C casing to 840 ft. Cmt'd w/600 sx 35:65
POZ Class C, tailed w/250 sx Class C, Circulated 125 sx cement to pit. WOC 24 hrs
12/8/02 - Drilled 11" hole to 4376 ft, ran 96 jts, 8 5/8", 32#, J-55, LT&C casing cmt'd
Lead w/1200 sx Class C, tail w/300 sx Class C, circulated 270 sx to surface. Witnessed by
Gene Hunt with BLM. WOC 24 hrs
12/14/02 - Drilled 7 7/8" hole to 8340, circulated and condition the hole for logs.
12/16/02 - Ran 183 jts of 5 1/2, 17#, 15.5#, J-55 LT&C casing, Cmt'd lead w/390 sx 35:65

33. 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:

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

Electronic Submission #18585 Verified by the BLM Well Information System.
For DEVON ENERGY PRODUCTION CO LP, sent to the Carlsbad

Name (please print) KAREN COTTOMTitle ENGINEERING TECHNICIAN

Signature _____ (Electronic Submission)

Date 02/14/2003

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.

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Additional data for transaction #18585 that would not fit on the form

32. Additional remarks, continued

POZ Class C tailed w/430 sx 60:40 POZ Class C. Released rig @ 23:00 hrs 12/16/02 PBTD @ 8343'

12/20/02 - TIH w/csg gun perf'd Brushy Canyon 8067' - 8080' 2SPF Total 26 holes
12/21/02 - Frac'd 8067' - 8080' w/33,790 gal Vicking & 72,000 16/30 sd.
12/24/02 - TIH w/csg gun perf'd Brushy Canyon 7591' - 7602', 7417' - 7425', 7057' 7067',
2SPF, Total 58 holes, acidized 7591' - 7602' w/1000 gal 7.5% Pentol
12/28/02 - Frac'd perms 7591' - 7602' w/11,760 gal wtr & 28,000# sd.
12/29/02 - Acidized perms 7417' - 7425' w/2000 gal 7.5% Pentol, frac'd w/11,760 gal wtr &
28,000# 16/30 sd.
12/31/02 - Acidized 7057' - 7067' w/1000 gal 7.5% Pentol frac'd w/18,250 gal wtr &
51,000# 16/30 sd.
1/7/02 - TIH w/Hollow VLV Rod pump & rods, Hung well on,



DRILLING INC. Oil Well Drilling Contractor

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

December 17, 2002

Devon Energy Production Co. LP
PO Box 250
Artesia, New Mexico 88211

RE: Todd 23 "C" Fed #18
Sec 23, T-23-S, R-31-E
Eddy County, New Mexico

Gentlemen:

The following is a Deviation Survey on the referenced well:

253' - 1 1/4°	1,267' - 3/4°	3,760' - 1 1/2°	6,307' - 1°
316' - 1 1/2°	1,361' - 1 3/4°	4,140' - 2°	6,776' - 1 1/4°
377' - 2°	1,444' - 1 1/2°	4,236' - 2°	7,214' - 1 1/4°
438' - 1°	1,571' - 1 1/2°	4,338' - 2 1/2°	7,646' - 1 1/4°
679' - 1 1/4°	2,045' - 1 1/2°	4,439' - 2°	8,083' - 2°
803' - 3°	2,490' - 1 3/4°	4,535' - 2°	8,430' - 1°
891' - 3 1/2°	2,966' - 1 1/4°	4,978' - 2°	
985' - 2°	3,410' - 2 1/4°	5,422' - 1 1/4°	
1,173' - 2 1/4°	3,474' - 1 1/4°	5,865' - 1/4°	

Sincerely,

Jerry W. Wilbanks
President



STATE OF NEW MEXICO)
COUNTY OF CHAVES)

The foregoing was acknowledged before me this 17th day of December, 2002 by Jerry W. Wilbanks.

MY COMMISSION EXPIRES
June 19th, 2003

NOTARY PUBLIC



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON

Governor

Joanna Prukop

Cabinet Secretary

Lori Wrotenbery

Director

Oil Conservation Division

GEOLOGICAL TOPS

Devon Energy Corporation

Todd '23C' Federal #18

Unit C, Sec. 23, T-23-S R-31-E

660' FSL & 1980' FWL (G.L.-3455; K.B.-)

Eddy Co., N.M.

30-015-32629

Geological Tops per/Bryan G. Arrant-OCD

Rustler	735'
Salado	1063'
Base of Salt	4146'
Lamar Limestone	4383'
Bell Canyon	4424'
Cherry Canyon	5320'
Brushy Canyon	6965'
Bone Spring	8250'