



NMOC

Form 160-4
(August 1999)

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.
NMNM0404441

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other _____

6. If Indian, Allottee or Tribe Name
7. Unit or CA Agreement Name and No.

2. Name of Operator
DEVON ENERGY PRODUCTION CO L P
Contact: KAREN COTTOM
E-Mail: karen.cottom@dvn.com

8. Lease Name and Well No.
TODD 14J FEDERAL 10

3. Address 20 NORTH BROADWAY SUITE 1500
OKLAHOMA CITY, OK 73102
3a. Phone No. (include area code)
Ph: 405.228.7512

9. API Well No.
30-015-32625-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
Sec 14 T23S R31E Mer NMP
At surface NWSE 1980FSL 1980FEL
At top prod interval reported below
At total depth

10. Field and Pool, or Exploratory
INGLE WELLS-DELAWARE
11. Sec., T., R., M., or Block and Survey
or Area Sec 14 T23S R31E Mer NMP
12. County or Parish
EDDY
13. State
NM

14. Date Spudded
11/11/2002
15. Date T.D. Reached
11/27/2002
16. Date Completed
☐ D & A ☒ Ready to Prod.
12/22/2002

17. Elevations (DF, KB, RT, GL)*
3491 GL

18. Total Depth: MD 8500 TVD
19. Plug Back T.D.: MD 8450 TVD
20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
GRCNLAITCMRCBL
22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit analysis)
Directional Survey? ☐ No ☒ Yes (Submit analysis)

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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 H-40	48.0	0	815		860		0	
11.000	8.625 J-55	32.0	0	4430		1300		0	
7.875	5.500 J-55	15.0	0	8500		815		3656	

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	8169							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) DELAWARE	6736	8115	6736 TO 8115		160	PRODUCING
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
6736 TO 6744	1000 GAL 7.5 PENTOL
7111 TO 7128	1500 GAL 7.5 PENTOL, 11,760 GAL WTR, 28,000#SD
7463 TO 7494	2000 GAL 7.5 PENTOL, 11,845 GAL FLUID + 28,000#SD
7643 TO 7658	1000 GAL 7.5 PENTOL, 12,000GAL SPECTRA, 28,000# 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
12/23/2002	01/06/2003	24	→	207.0	165.0	156.0			ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. 100.0	24 Hr. Rate →	Oil BBL 207	Gas MCF 165	Water BBL 156	Gas:Oil Ratio 797	Well Status 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	

ACCEPTED FOR RECORD
FEB 14 2003
ALEXIS C. SWOBODA
PETROLEUM ENGINEER

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #18189 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED **

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
CHERRY CANYON	5371	7011		RUSTLER ANHYDRITE	801
BRUSHY CANYON	7011	8255		TOP SALT	1130
BONE SPRING	8255	8500		BELL CANYON	4440
				CHERRY CANYON	5371
				BRUSHY CANYON	7011
				BONE SPRING	8255

32. Additional remarks (include plugging procedure):

11/11/02 - Spud 17 1/2" hole
11/13/02 - Ran 18 jts of 13 3/8", 48#, H-40 ST&C casing set @ 815'
11/14/02 - Cmt'd 13 3/8" casing w/610 sx of 35:65:6 Class C, Tailed w/250 Class C, Circulated 140 sx to pit, Cement job witnessed by Paul Swartz w/BLM Carlsbad office WOC 12 hrs
11/15/02 - Drilled 11" hole
11/20/02 - Ran 96 jts of 8 5/8", 32#, J55 LT&C casing set @ 4430', cmt'd w/1000 sxs of 35:65 Poz Class C, Tailed w/300 sxs 60:30 Poz Class C, circulated 76 sxs to pit, Cement

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 #18189 Verified by the BLM Well Information System.
For DEVON ENERGY PRODUCTION CO L P, sent to the Carlsbad
Committed to AFMSS for processing by Linda Askwig on 02/13/2003 (03LA0328SE)

Name (please print) KAREN COTTOM

Title ENGINEERING TECHNICIAN

Signature (Electronic Submission)

Date 02/13/2003

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.

**** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****

Additional data for transaction #18189 that would not fit on the form

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

Depth Interval	Amount and Type of Material
8102 TO 8115	26,000 GAL SPECTRA, 60,000# 16/30 SD, 12,000# CR 1

32. Additional remarks, continued

job witnessed by Don Early w/BLM Carlsbad office. WOC 12hrs

11/21/02 - Drilled 7 7/8" hole

11/27/02 - TD'd 7 7/8" hole @ 8500', RU Schlumberger logged well

11/28/02 - RIH w/ 5 1/2", 15.5# & 17#, J-55, LT&C casing set @ 8500', cmt'd lead w/390
sx 35:65 Poz & tail w/425sx 60:40 Poz, Released rig @ 2:30 hrs 11/29/02

12/5/02 - TIH w/GR-CBL-CCL, found top of cement 3656' & PBTD @ 8450', log from PBTD to
4980' Bond looked good. TIH w/4" csg gun perf 8102 - 8115, 2 SPF, 120 Degree phasing. 27
shots

12/7/02 - Frac'd 8102' - 8115' w/26,000 gal spectra frac + 60,000# 100% white 16/30 sd +
12,000 100% CR-4000 16/30 SD,

12/10/02 - TIH w/4" csg gun, perf 2 SPF @ 7643' - 7658' 31 holes, 7463' - 7678' 31 holes
7485' - 7494' (19 holes) 7111' - 7128' (35 holes 6736' - 6744' (17 holes). for a total of
133 holes.

12/11/02 - Acidized 7643' - 7658' w/1000 gal 7.5 pentol acid

12/14/02 - Frac'd Brushy Canyon perms 7643' - 7658' w/12000 gal Spectra frac, + 28,000#
sd

12/17/02 - Acidized 7463 - 7494' w/2000 gal 7.5 pentol acid. BJ frac'd with 11,845 gal
fluid 7 28,000# sd,

12/18/02 - Acidized 7111' - 28' perms with 1500 gal 7.5 pentol acid. Frac'd with 11,760
gal wtr & 28,000# sd

12/19/02 - Acidized 6736' - 6744' w/1000 gal 7.5 pentol acid

12/22/02 - TIH w/anchor, SN, Tub, pump & rods. Hung well on prod.