

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT



FORM APPROVED  
OMB NO. 1004-0137  
EXPIRES: March 31, 2007

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other _____		5. Lease Serial No. <b>NM-0418220-A</b>	
b. Type of Completion <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resrv., <input type="checkbox"/> Other _____		6. If Indian, Allottee or Tribe Name	
2. Name of Operator <b>DEVON ENERGY PRODUCTION COMPANY, LP</b>		7. Unit or CA Agreement Name and No.	
3. Address <b>20 North Broadway, Ste 1500, Oklahoma City, OK 73102</b>		8. Lease Name and Well No. <b>Todd 27B Federal 2</b>	
3a. Phone No. (include area code) <b>405-235-3611</b>		9. API Well No. <b>30-015-35504</b>	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At Surface <b>660 FNL 2140 FEL</b> At top prod. Interval reported below <b>AUG 13 2007</b> At total Depth <b>OCD-ARTESIA</b>		10. Field and Pool, or Exploratory <b>Ingle Wells; Delaware</b>	
14. Date Spudded <b>4/11/2007</b>		11. Sec, T, R., M., on Block and Survey or Area <b>B SEC 27 T23S R31E</b>	
15. Date T.D. Reached <b>4/28/2007</b>		12. County or Parish 13. State <b>Eddy NM</b>	
16. Date Completed <b>5/24/2007</b> <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.		17. Elevations (DR, RKB, RT, GL)* <b>3411' GL</b>	
18. Total Depth: MD <b>8350'</b> TVD		20. Depth Bridge Plug Set: MD TVI	
19. Plug Back T.D.: MD <b>8283'</b> TVI		22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit copy)	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) <b>HI-RES/LAT ARRAY/MICRO-CFL/GR &amp; COMP NEUTRON/DENSITY/GR</b>			

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	850'		850 sx CI C; 125 sx to pit		0	
11"	8 5/8" HCK-55	32#	0	4250'		1300 sx CI C; 39 sx to pit		0	
7 7/8"	5 1/2" J-55	15.5 & 17#	0	8350'		480 sx CI C; 70 sx to pit		TOC 2924'	

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"								
25. Producing Intervals				26. Perforation Record				
Formation	Top	Bottom		Perforated Interval	Size	No. Holes	Perf. Status	
A) Brushy Canyon Delaware	7676	7914		7676-7914		46	Producing	
B) Brushy Canyon Delaware	8075	8090		8075-90		30	Producing	
C)								
D)								

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.		Amount and Type of Material
Depth Interval		
7676-1914		Acidize w/ 2300 gals 7 1/2% Pentol acid 200 w/65 BS. Hot oiled w/60 bbls & 20 gals paraffin.
8075-8090		Acidize w/ 1000 gals 7 1/2% Pentol acid 70,400 2500 Spectra Star gel, 1500# 100 mesh sd, 115,120# 16/30 sd & 15,300# 16/30 Siberprop sd. FL w/ KCL wtr & 220 gals scale inhibitor.

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
5/24/2007	7/24/2007	24	→	130	189	117			Pumping
Choke Size	Tbg. Press. Flwg SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
32/64	280	80	→	130	189	117	1,454		

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)

## 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	Ibg. 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	Ibg. 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.)

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	590'
				Salado	906'
				Base of Salt	4083'
				Lamar LS	4326'
				Bell Canyon	4375'
				Cherry Canyon	5255'
				Brushy Canyon	6841'
				Bone Spring	8185'

Additional remarks (include plugging procedure):

Circle enclosed attachments:

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

Judy A. Barnett

Title

Regulatory Analyst

Signature

Date

8/9/2007

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals

FORM APPROVED  
OMB NO. 1004-0135  
EXPIRES: March 31, 2007

SUBMIT IN TRIPLICATE

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Other \_\_\_\_\_

2. Name of Operator  
**DEVON ENERGY PRODUCTION COMPANY, LP**

3. Address and Telephone No.  
20 North Broadway, Ste 1500, Oklahoma City, OK 73102 405-235-3611

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
660 FNL 2140 FEL B SEC 27 T23S R31E \*

5. Lease Serial No. <b>NM-0418220-A</b>
6. If Indian, Allottee or Tribe Name
7. Unit or CA Agreement Name and No.
8. Well Name and No. <b>Todd 27B Federal 2</b>
9. API Well No. <b>30-015-35504</b>
10. Field and Pool, or Exploratory <b>Ingle Wells; Delaware</b>
11. County or Parish State <b>Eddy NM</b>

**12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>Completion</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation. Clearly state all pertinent details, including estimated starting date any proposed work and approximate duration thereof. If the proposal deepen directionally or recomplete horizontally, give subsurface location and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

5/11/07 - 7/18/07

MIRU PU. ND WH & NU BOP. CHC. DV @ 4484'. Test to 2200#, ok. PBTD @ 8292'. CHC w/2% KCL wtr. Ran CBL TOC @ 2924'. NU frac valve. RU Baker WL ran 4.70' Gauge Ring. Tag up on DV Tool @ 4360'. Ran log TOC @ 2924'. Perf L Brushy Canyon 8075-90' @ 2 spf: 30 holes. RU BJ & frac w/ 1000 gals 7 1/2% Pentol acid, 70,400 gals Spectra Star 2500 gel, 1500# 100 mesh sd, 115,120# 16/30 sd & 15,300# 16/30 Siberprop sd. FL w/KCL wtr & pump 220 gals scale inhibitor. Perf Mid & U Brushy Canyon 7905-14' & 7676-90' @ 2 spf: 46 holes. Test 1000#,ok. Pump 5 bbls KCL wtr. RU BJ & acidize w/ 2300 gals 7 1/2% Pentol acid 200 w/65 BS. RU & RIH w/ swab. ND BOP & NU WH. LH w/ 35 bbls KCL wtr & test to 1000#, ok. Hot oiled tbg w/ 60 bbls oil & 20 gals paraffin chemical. RU & RIH w/ swab U.Brushy Canyon 7676-90'. LH w/ 230 bbls KCLwtr. Hot oiled w/ 60 bbls oil & 20 gals paraffin chemical. Put on production.

14. I hereby certify that the foregoing is true and correct

Name Signed Judy A. Barnett Title Regulatory Analyst Date 8/9/2007

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. Office \_\_\_\_\_

Rule 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations to any matter within its jurisdiction

**\*See Instruction on Reverse Side**

OPERATOR  
WELL/LEASE  
COUNTY

DEVON ENERGY PRODUCTION CO.  
TODD 27B FED. 2  
EDDY

504-5053

STATE OF NEW MEXICO  
DEVIATION REPORT

237	0.50
487	1.75
765	3.75
826	4.50
1,120	4.50
1,432	4.75
1,682	4.75
1,777	4.75
2,353	5.50
2,603	4.25
2,859	4.50
3,112	4.25
3,303	3.75
3,527	3.50
3,842	3.75
4,066	3.25
4,127	3.25
4,251	3.25
4,587	2.25
5,189	2.00
5,669	1.50
6,175	2.00
6,654	0.75
7,163	0.75
7,673	1.25
8,350	1.00



BY: Steve Moore

STATE OF TEXAS

COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on  
Moore on behalf of Patterson-UTI Drilling Company LP, LLLP.

Joni D. Hodges  
Notary Public for Midland County, Texas  
My Commission Expires: 4/11/11

May 22, 2007, by Steve

