

N.M. Oil Cons. DIV-Dist. 2  
1301 W. Grand Avenue  
Artesia, NM 88210

Form 3160-4  
(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

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other  
2. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,  
☐ Other  
3. Name of Operator  
**DEVON ENERGY PRODUCTION COMPANY, LP**  
3. Address **20 North Broadway, Ste 1500  
Oklahoma City, OK 73102-8260**  
3a. Phone No. (include area code)  
**405-552-8198**  
4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At Surface **P 990 FSL 660 FEL**  
At top prod. Interval reported below  
At total Depth  
4. Date Spudded **10/30/2004** 15. Date T.D. Reached **11/28/2004** 16. Date Completed **2/11/2005** ☐ D & A ☒ Ready to Prod.  
8. Total Depth: MD **11,680** 19. Plug Back T.D.: MD **10480** TVD  
21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

RECEIVED

MAY 13 2005

ODD-ARTESIA

5. Lease Serial No.  
**NMNM0560290**  
6. If Indian, Allottee or Tribe Name  
7. Unit or CA Agreement Name and No.  
**NM 707988**  
8. Lease Name and Well No.  
**Burton Flat Deep Unit 43**  
9. API Well No.  
**30-015-33626 S1**  
10. Field and Pool, or Exploratory  
**BURTON FLAT; STRAWN**  
11. Sec, T., R., M., on Block and  
Survey or Area  
**3 21S 27E**  
12. County or Parish 13. State  
**Eddy NM**  
17. Elevations (DR, RKB, RT, GL)\*  
**3212' GL**  
22. Was well cored? ☒ No ☐ Yes (Submit analysis)  
Was DST run? ☒ No ☐ Yes (Submit report)  
Directional Survey? ☒ No ☐ Yes (Submit copy)

EX-HRLA-HNGS

3. 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 Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17 1/2"	13 3/8"/H-40	48#	0	600'		550 SX Cl C; circ 128 sx		0	
12 1/4"	9 5/8"/J-55	36#	0	2862'		1050 sx Cl C; circ 350sx		0	
8 3/4"	5 1/2"/P-110	17#	0	11,675'		3110 sx Cl C; circ 35 bbls			

4. 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"	10193'							

5. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
Morrow	11252	11575	11252-11575'		166	Below CIBP
Strawn	10510	10612	10510-10612'		144	Below CIBP
Strawn	10254	10406	10254-10266'		162	Producing

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

Depth Interval	Amount and Type of Material
11252-11575'	Acidize w/ 4500 gals 7.5% HCl. Frac w/ 4000 gals Spectra Star 2, 77,000# 20/40 Bauxite
10510-10612'	Acidize w/ 6000 gals 15% HCl.
10254-10406	Acidize w/ 10,000 gals 15% HCl.

ACCEPTED FOR RECORD

MAY 12 2005

ALEXIS C. SWOBODA  
PETROLEUM ENGINEER

8. 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
2/11/2005	2/14/2005	24	→	11	729	80			FLOWING
Choke Size	Tbg. Press. Flwg SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
64/64"	600	0	→	11	729	80	66,273		Producing Gas Well

8a. 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	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
				Lamar	2830
				Delaware Sand	2860
				Bone Spring	5250
				1st Bone Spring Sd	6460
				2nd Bone Spring Sd	7230
				3rd Bone Spring Sd	8475
				Wolfcamp	9090
				Lower Wolfcamp	9450
				Cisco Series	9590
				Canyon	9840
				Strawn	10110
				Atoka	10410
				Morrow	11050
				Morrow Clastics	11090
				Middle Morrow Lm	11140
				Middle Morrow Shale	11350
				Lower Morrow	11380
				Barnett Shale	11540

## Additional remarks (include plugging procedure):

12/31/04 TIH w/ tbg. Drill out DV tool. Test csg to 1500 - ok. Circ & cond.  
 1/05/05 RIH & perf 11,252-11,575'; 166 shots. TIH w/ pkr & set @ 11,189'.  
 1/06/05 Acidize w/ 4500 gals 7.5% HCl.  
 1/14/05 Rel pkr & TOH w/ tbg.  
 1/15/05 Frac w/ 4000 gals Spectra Star 2 and 77,000# 20/40 Bauxite.  
 1/21/05 RIH & set 5.5" CIBP @ 11,220'. Dump bail 35' of cmt on top of CIBP.  
 1/22/05 Perf Strawn 10,510-10,612'; 144 shots. RIH w/ pkr & set @ 10,468'.  
 1/25/05 Acidize w/ 6000 gals 15% HCl.  
 1/28/05 Rel pkr. TOH w/ pkr  
 1/29/05 RIH & set CIBP @ 10,490'. Dump bail 10' of cmt on CIBP.  
 2/01/05 RIH & perf Strawn @ 10,254-10,406'; 162 holes. TIH & set pkr @ 10,174'.  
 2/11/05 Acidize w/ 10,000 gals of 15% HCl. Bring well on line.

## 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

hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (Please print)

Norvella Adams

Title

Sr. Staff Engineering Technician

Signature

Date

5/7/2005

8 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.

**LOCATION** BURTON FLAT DEEP UNIT 43  
**LEASE & WELL** SECTION 3, 21S, 27E EDDY COUNTY, NM  
 (Give Unit, Section, Township and Range)  
**OPERATOR** DEVON ENERGY PRODUCTION  
20 N BROADWAY, SUITE 1500 OKLAHOMA CITY OK 73102.8260  
**DRILLING CONTRACTOR** NABORS DRILLING USA, INC.

The Undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above-described well and that he has conducted deviation tests and obtained the following results:

DEGREES @ DEPTH	DEGREES @ DEPTH	DEGREES @ DEPTH	DEGREES @ DEPTH
1/2 250	1 1/4 5862		
1/4 750	1 1/2 6366		
3/4 1000	1 3/4 6866		
3/4 1273	3/4 7366		
1/4 1518	3/4 7869		
3/4 1769	1 8408		
3/4 2069	1 8908		
1/2 2268	1 3/4 9408		
1/4 2520	2 1/4 9921		
1 2870	2 10425		
1/2 3350	3 10930		
1/4 3853	3 11370		
1 4353	2 11980		
1 1/2 4855			
1 5357			

Drilling Contractor

Nabors Drilling USA, Inc.

By

Wilfredo Rosa, Operations Support Manager

Subscribed and sworn to before me this 18 day of

January, 2005

Notary Public

My Commision Expires

1-20-2007

HARRIS

County

TEXAS

