

Month - Year

FEB 21 2007

Form 3160-4  
(August 1998)

OCD - ARTESIA, NM

## OCD-ARTESIA

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM 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

990' FSL &amp; 1650' FWL

At top prod. Interval reported below

At total Depth 990' FSL &amp; 1650' FWL

5. Lease Serial No.

NMNM-44594

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.

Arenoso 22 Fed Com 1

9. API Well No.

30-015-34471

10. Field and Pool, or Exploratory

Lusk: Morrow (Gas) West

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

22 T19S R31E

12. County or Parish 13. State  
Eddy New Mexico

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

3515'

14. Date Spudded

10/22/2006

15. Date T.D. Reached

11/16/2006

16. Date Completed

12/23/2006

☐ D & A ☒ Ready to Prod.

18. Total Depth: MD

12,747'

TVD

19. Plug Back T.D.: MD

12,660'

TVI

20. Depth Bridge Plug Set: MD

TVI

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

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

CBL/GR CCL, FMI, CNL, BHS, HNGR, IND, HYDROCARBON

23. Casing and Liner Record (Report all strings set in well)

| Hole Size | Size/Grade   | Wt. (#/ft.) | Top (MD) | Bottom (MD) | Stage Cementer<br>Depth | No. of Sk. & Type Cement                   | Slurry Vol.<br>(BBL) | Cement Top* | Amount Pulled |
|-----------|--------------|-------------|----------|-------------|-------------------------|--------------------------------------------|----------------------|-------------|---------------|
| 17 1/2"   | 13 3/8" H-40 | 48#         |          | 620'        |                         | 550 sx CI C; 130 sx to pit                 |                      |             |               |
| 11"       | 8 5/8" J-55  | 32#         |          | 4470'       |                         | 2270 sx CI C; 10 sx to pit                 |                      |             |               |
| 7 7/8"    | 5 1/2" P110  | 17#         |          | 12747'      |                         | 2470 sx CI C/H; Circ 178 sx<br>off dv tool |                      | TOC @ 2040' |               |

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" | 12115'         | 12,094'           |      |                |                   |      |                |                   |

25. Producing Intervals

| Formation | Top    | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|-----------|--------|--------|---------------------|------|-----------|--------------|
| Morrow    | 12,490 | 12,503 | 12490-12503         |      | 27        | Producing    |
| Morrow    | 12194  | 12503  | 12194-12503         |      | 132       | Producing    |

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

| Depth Interval | Amount and Type of Material                                                       |
|----------------|-----------------------------------------------------------------------------------|
| 12490-12503    | Acidize w/1500 gals 7.5% HCL acid.                                                |
| 12194-12503    | Acidize w/300 gals 7.5% HCL acid. Frac w/59,500# Ultraprop, 674 N2, 116 Tons CO2. |

28. Production - Interval A

| Date First<br>Produced | Test Date              | Hours<br>Tested | Test<br>Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity<br>Corr. API | Gas Gravity | Production Method |
|------------------------|------------------------|-----------------|--------------------|---------|---------|-----------|--------------------------|-------------|-------------------|
| 01/09/07               | 1/22/2007              | 24              | →                  | 42      | 1694    | 73        |                          |             | Flowing           |
| Choke<br>Size          | Tbg. Press.<br>Flwg SI | Csg. Press.     | 24 Hr. Rate        | Oil BBL | Gas MCF | Water BBL | Gas : Oil<br>Ratio       | Well Status |                   |
| 15/64"                 | 1850                   | 0               | →                  | 42      | 1694    | 73        | 40,333                   |             | Producing         |

28a. Production - Interval B

| Date First<br>Produced | Test Date              | Hours<br>Tested | Test<br>Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity<br>Corr. API | Gas Gravity | Production Method |
|------------------------|------------------------|-----------------|--------------------|---------|---------|-----------|--------------------------|-------------|-------------------|
|                        |                        |                 | →                  |         |         |           |                          |             |                   |
| Choke<br>Size          | Tbg. Press.<br>Flwg SI | Csg. Press.     | 24 Hr. Rate        | Oil BBL | Gas MCF | Water BBL | Gas : Oil<br>Ratio       | Well Status |                   |
|                        |                        |                 | →                  |         |         |           |                          |             |                   |

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

ACCEPTED FOR RECORD

FEB 16 2007

LES BABYAK  
PETROLEUM ENGINEER

## 8b. 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 |                   |

## 8c. 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 Dol.        | 585'            |
|           |     |        |                              | Salado Salt         | 772'            |
|           |     |        |                              | Tansil Dol.         | 2166'           |
|           |     |        |                              | Yates Ss            | 2279'           |
|           |     |        |                              | Capitan Ls          | 2500'           |
|           |     |        |                              | Cherry Canyon Ss    | 4460'           |
|           |     |        |                              | Brushy Canyon S     | 5254'           |
|           |     |        |                              | 1st Bone Springs Ls | 6918'           |
|           |     |        |                              | 1st Bone Springs Ss | 8218'           |
|           |     |        |                              | 2nd Bone Springs Ls | 8460'           |
|           |     |        |                              | 2nd Bone Springs Ss | 8922'           |
|           |     |        |                              | 3rd Bone Springs Ls | 9370'           |
|           |     |        |                              | 3rd Bone Springs Ss | 9803'           |
|           |     |        |                              | Wolfcamp            | 10190'          |
|           |     |        |                              | Penn Shale          | 10668'          |
|           |     |        |                              | Strawn Ls           | 11170'          |
|           |     |        |                              | Atoka Clastics      | 11612'          |
|           |     |        |                              | Atoka Bank Ls       | 11806'          |
|           |     |        |                              | U Morrow Ls         | 11987'          |
|           |     |        |                              | M Morrow Clastics   | 12201'          |
|           |     |        |                              | L Morrow Marker     | 12576'          |
|           |     |        |                              | L Morrow Ss         | 12600'          |
|           |     |        |                              | Barnett Shale       | 12717'          |

Additional remarks (include plugging procedure):

12/28/06 - 01/09/07:

MIRU. NU BOP. TIH w/DC & tbg. RU swivel, drill out dv tl @ 8958'. Tst csg to 1500# - ok. RD swivel. TIH w/tbg & BHA to PBTD @ 12,660'. RU kill trk & pickle tbg w/7.5% acid. Displace w/120 bbls of 2% KCL w/10% methanol. RD kill trk & TOH w/tbg. RIH w/CBL & CCL & GR to PBTD. TOC @ 2040'. RU swivel, mill thru dv tl @ 8956'. RD swivel, swab. TOH w/tbg, L/D mill. Perf lower mrrw @ 12,490-12,494' (3SPF); 12,498-12503 (3SPF); 27 holes. RIH set pkr @ 12,100'. Blw dwn csg. RIH w/tbg, latch onto pkr w/ON/OFF tl. NU tree. Ld tbg, blw tbg disk. Acidize 12,490-12,503' w/1500 gals 7.5% HCL acid. Swab. Kill well w/40 BBL brine water. TOH w/tbg. Perf middle mrrw 12,194-12,207 (4SPF); 12,284-12,287 (4SPF); 12,291-12,299 (4SPF); 12,490-12,494 (4SPF); 12,498-12,503 (4SPF); 132 shots total. TIH w/tbg and packer. Acidize 12,194-12,503' w/300 gal 7.5% HCL w/10% methanol + ball slrs. Flow back. Rls pkr, TOH w/tbg. Frac 12,194-12,503' w/59,500# Ultraprop, 674 N2, 116 Tons CO2. WL, set pkr, run tbg. TIH w/ON/OFF tl. J up to pkr. NU/DN/BOP - NU tree. Open well, flow back. Put well on production.

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. YsasagaTitle Sr. Staff Engineering TechnicianSignature [Signature] Date 1/25/2007

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,