

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

**OCD-ARTESIA**

**AUG 27 2009**

FORM APPROVED  
OMB NO. 1004-0135  
EXPIRES: NOVEMBER 30, 2000

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

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 405-552-4615**

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
**2455 FNL 1980 FEL Sec 25 T2S R30E**

5. Lease Serial No.  
**NMNM89052**

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Well Name and No.  
**Apache 25 Federal 8**

9. API Well No.  
**30-015-33439**

10. Field and Pool, or Exploratory  
**QUAHADA RIDGE SE**

12. County or Parish 13. State  
**EDDY NM**

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" 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 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 type="checkbox"/> Other _____
	<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 checked="" type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work and approximate duration thereof. If the proposal deepens directionally or recompletes 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 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirement, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection)

Devon is filing C108 (Application for Authorization to Inject) with the OCD-Santa Fe Office  
Proposed SWD Zone is Delaware Cherry Canyon from 5678' to 5930'.

1. MIRU. POOH with 2-7/8" rod pump and production tubing.
2. Add additional perforations in Delaware Cherry Canyon at 5678'-5690'; 5722'-5746'; 5758'-5796'; 5854'-5884', 2 spf, 120° phase.
3. Set CIBP @ +/-6030' and dump 35' cement.
4. Temporarily isolate perfs at 5920-5930. Pump acid frac consisting of 3000 gal 15% HCl and 160000# 16/30 proppant on perforations from 5678' to 5884'. Remove temporary plug over perfs at 5920'-5930'.
5. Run 2-7/8", 6.5# IPC tubing and 5-1/2" IPC packer. Set packer @ +/- 5650'.
6. Commence water disposal into Delaware Cherry Canyon from 5678' to 5930'.

**SUBJECT TO LIKE  
APPROVAL BY STATE**

**SEE ATTACHED FOR  
CONDITIONS OF APPROVAL**

*AWAITING SWD ORDER*

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

Signed Ronnie Slack

Name Ronnie Slack  
Title Engineering Technician

Date 8/4/2009

(This space for Federal or State Office use)

Approved by Dustin Winkler

Title \_\_\_\_\_

Conditions of approval, if any

**APPROVED**

Date AUG 24 2009

/s/ Dustin Winkler

**BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE**

\*See Instruction on Reverse Side

**DEVON ENERGY PRODUCTION COMPANY LP**

Well Name: APACHE 25 FEDERAL 8		Field: QUAHADA RIDGE SE	
Location: 2455' FNL & 1980' FEL; SEC 25-T22S-R30E		County: EDDY	State: NM
Elevation: 3365' KB; 3352' GL		Spud Date: 7/3/04	Compl Date: 8/12/04
API#: 30-015-33439	Prepared by: Ronnie Slack	Date: 8/3/09	Rev:

**PROPOSED SWD**

17-1/2" hole  
13-3/8", 48#, H40, @ 631'  
 Cmt'd w/400 sx, circ to surface

11" Hole  
8-5/8", 32#, J55, @ 3,849'  
 Cmt'd w/1020 sx, circ to surface

DV Tool @ 4527'

**Proposed SWD Zone-DELAWARE CHERRY CANYON**  
**Proposed SWD Injection Interval 5678'-5930'**  
 5678'-5690' (proposed perf add)  
 5722'-5746' (proposed perf add)  
 5758'-5796' (proposed perf add)  
 5854'-5884' (proposed perf add)

**DELAWARE CHERRY CANYON** (2/15/06)  
 5920' - 5930' (acidized w/1K gals, frac w/28K#)

**DELAWARE CHERRY & BRUSHY CANYON** (2/15/06)  
 6058' - 6074' (acidized w/1500 gals)  
 6225' - 6236' (acidized w/1K gals)  
 6861' - 6867' (acidized w/1K gals, frac w/28K#)

**DELAWARE BRUSHY CANYON** (4/7/05)  
 7018' - 7022' (acidized w/1K gals)  
 7189' - 7200'  
 7392' - 7404'  
 Acidized 7018-7404 w/1K gals, frac w/38K# 16/30

**DELAWARE BRUSHY CANYON** (8/12/04)  
 7660' - 7682'  
 Frac 7660-7682 w/100K# 16/30

7-7/8" Hole  
5-1/2", 15.5# & 17#, J55, @ 7,864'  
 Cmt'd w/1710 sx, circ to surface

**Formation Tops per cmpl rpt**

Rustler	378
Salado	683
Delaware	3866
Cherry Canyon	4813
Brushy Canyon	6425
Bone Spring	7813

**Proposed:**  
 2-7/8" IPC tubing

**Proposed:**  
 Packer @ 5650'

**Proposed:**  
 CIBP @ 6030'. 35' cement on top. 5980' PBD.

7868' TD

7828' PBD

**DEVON ENERGY PRODUCTION COMPANY LP**

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API#: 30-015-33439	Prepared by: Ronnie Slack	Date: 7/9/09	Rev:

**CURRENT WELLBORE**

17-1/2" hole  
13-3/8", 48#, H40, @ 631'  
 Cmt'd w/400 sx, circ to surface

11" Hole  
8-5/8", 32#, J55, @ 3,849'  
 Cmt'd w/1020 sx, circ to surface

DV Tool @ 4527'

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**DELAWARE CHERRY & BRUSHY CANYON (2/15/06)**

5920' - 5930' (acidized w/1K gals, frac w/28K#)  
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**DELAWARE BRUSHY CANYON (4/7/05)**

7018' - 7022' (acidized w/1K gals)  
 7189' - 7200'  
 7392' - 7404'

Acidized 7018-7404 w/1K gals, frac w/38K# 16/30

**DELAWARE BRUSHY CANYON (8/12/04)**

7660' - 7682'

Frac 7660-7682 w/100K# 16/30

2-7/8", 6.5#, J55, production tubing (4/3/07)

TAC @ 7643'

SN @ 7714  
 Mud Anchor; EOT @ 7741' (4/3/07)

Tag @ 7810' (4/2/07)

7828' PBDT

7-7/8" Hole  
5-1/2", 15.5# & 17#, J55, @ 7,864'  
 Cmt'd w/1710 sx, circ to surface

7868' TD

Devon Energy Production Company, LP  
NMNM-89052: Apache 25 Federal 8  
API: 30-015-33439  
Eddy County, New Mexico

RE: Water Disposal, Conditions of Approval

1. OK
- 1a. Spot 25 sx at PBSD to cover the top of the Bone Springs.
2. OK – Switch with step 3 (Set CIBP before Perfs)
3. OK – Switch with step 2 (Set CIBP before Perfs)
4. OK
5. OK
6. OK
7. Submit subsequent report, with details.

DHW 082409

**BUREAU OF LAND MANAGEMENT  
Carlsbad Field Office  
620 East Greene Street  
Carlsbad, New Mexico 88220  
575-234-5972**

**Disposal of Produced Water From Federal Wells  
Conditions of Approval**

Approval of the produced water disposal methodology is subject to the following conditions of approval:

1. This agency shall be notified of any change in your method or location of disposal.
2. Compliance with all provisions of Onshore Order No. 7.
3. This agency shall be notified of any spill or discharge as required by NTL-3A.
4. This agency reserves the right to modify or rescind approval whenever it determines continued use of the approved method may adversely affect the surface or subsurface environments.
5. All above ground structures on the lease shall be painted sandstone brown, Federal Std. 595-20318, or 30318, within 90 days, if you have not already done so.
6. Any on-lease open top storage tanks shall be covered with a wire screen to prevent entry by birds and other wildlife.
7. This approval should not constitute the granting of any right-of-way or construction rights not granted by the lease instrument.
8. If water is transported via a pipeline that extends beyond the lease boundary, then you need to submit within 30 days an application for right-of-way approval to the Realty Section in this office if you have not already done so.