

UNITED STATES N.M. Oil Cons. Div-Dist. 2  
DEPARTMENT OF THE INTERIOR 1801 W. Grand Avenue  
BUREAU OF LAND MANAGEMENT Artesia, NM 88210

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

RECEIVED

**SUBMIT IN TRIPLICATE**

FEB 18 2005

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

OOB-ARTESIA

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

3. Address and Telephone No.  
**20 NORTH BROADWAY, SUITE 1500, OKLAHOMA CITY, OKLAHOMA 73102 (405-552-4615)**

4. Location of Well (Footage. Sec., T., R., M., or Survey Description)  
**1980 FNL & 660 FWL, Sec 28-T23S-R29E**

5. Lease Designation and Serial No.

**NMNM 86024**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

**Cochiti 28 Federal #1**

9. API Well No.

**30-015-30113**

10. Field and Pool, or Exploratory Area

**Laguna Salado Bone Spring**

**Harroun Ranch Delaware NE**

11. County or Parish, State

**Eddy County, 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"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input checked="" type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

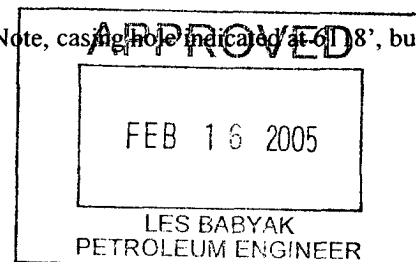
13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

DEPCO has made application with the Oil Conservation Division (Santa Fe, New Mexico) to convert the Cochiti 28 Federal #1 to salt water disposal. A copy of Form C108 is attached.

**SUBJECT TO  
LIKE APPROVAL  
BY NMOCD**

Basic Procedure:

1. RU and POOH with existing rod string and 2-7/8" production tubing.
2. Pump a 100' balanced cement plug from 6350' to 6450' to abandon the Bone Spring that is perforated from 7816'-7875'. (Note, casing is parted at 6402'-6404'.)
3. Set a CIBP at 6100' and cap with 35' cement to abandon the Brushy Canyon at 6210'-6230'. (Note, casing hole indicated at 6118', but tested ok at 1000 psi on 5/29/99).
4. Perforate the Delaware Bell Canyon at 3428'-3467' and 3628'-3658'.
5. Acidize perms with 5000 gallons of 7.5%, NeFe.
6. Run 2-7/8", IPC tubing and 5-1/2" packer. Set packer at 3378'.
7. Turn well over to water injection.



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

Signed Ronnie Slack

Ronnie Slack

Title Engineering Technician

Date 2/9/05

(This space for Federal or State office use)

Approved by \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_

Conditions of approval, if any:

Accepted for record - NMOCD

# DEVON ENERGY PRODUCTION COMPANY LP

Well Name: Cochiti 28 Fed #1		Field: Laguna Salado Bone Spring/Harroun Ranch Delaware NE	
Location: 1980' FNL & 660' FWL, Sec 28-T23S-R29E		County: EDDY	State: NM
Elevation: 2995' GR		Spud Date: 5/3/1998	Compl Date: 10/29/1998
API#: 30-015-30113	Prepared by: Ronnie Slack	Date: 01/10/05	Rev:

## ■ CURRENT

17-1/2" hole  
13-3/8", 48#, H40, STC, @ 403'  
 Cmt'd w/ 440 sx. Cement to surface

TOC @ 2250 (CBL-6/30/98) →

11" hole  
8-5/8", 32#, J55, STC, @ 2916'  
 Cmt'd w/ 875 sx. Cement to surface

**BRUSHY CANYON** (10/14/98)  
6210' - 6230' Frac'd 10/31/98

Parted casing indicated at 6402'-6404'. Lost 150 psi in 15 min. (5/29/99)

**BONE SPRING** (7/22/98)  
7816' - 7821'  
7828' - 7834'  
7862' - 7875'

**WOLFCAMP** (7/2/98)  
10126' - 10132'

7-7/8" hole  
5-1/2", 17#, N80, LTC, @ 10180'  
 Cmt'd w/ 1650 sxs

Formation	Top
Bell Canyon	2970'
Brushy Canyon	5230'
Bone Spring	6640'
Wolfcamp	9912'

**Tubing Detail: 3/10/03**  
 246 Jts-2-7/8" Prod Tubing  
 Tubing anchor @ 7818'  
 2 Jts 2-7/8"  
 Blast Jt  
 SN  
 Perf Sub  
 2-7/8" Mud Jt. w/ bull plug  
 EOT @ 7925'

**Rod Detail: 3/10/03**  
 POLISH ROD  
 4', 2', 2' 7/8 subs  
 96-7/8" steel rods  
 214-3/4" steel rods  
 Sub  
 2 1/2 X 1 1/4 X 20' Pump

### Reported Casing Problems:

5/26/99--Ran 4-3/4" B&S. Set down at 6405'. Ran csg inspection log. Showed hole at 6118' & parted csg @ 6402'-6404'.

5/27/99--Ran 4-1/2" swage & tagged @ 6405'. 40 pts drag coming up. Had RBP slips on top of swage. Ran swage back down to 7977', no problems.

5/29/99--Csg tested between 6107'-6141' to 1000 psi. Ok. Csg tested between 6393'-6427' to 1500 psi. Lost 150 psi in 15 min.

Fill tagged at 7974' (3/7/03)

Tagged PBTD @ 7977' (5/27/99)  
 Set 35' cement plug @ 7960' - 7995' (5/26/99)  
 PBD tagged @ 7995' (5/25/99)

DV Tool @ 8177' →

TD @ 10180'

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Elevation: 2995' GR		Spud Date: 5/3/1998	Compl Date: 10/29/1998
API#: 30-015-30113	Prepared by: Ronnie Slack	Date: 01/17/05	Rev:

## PROPOSED SWD CONVERSION

17-1/2" hole  
13-3/8", 48#, H40, STC, @ 403'  
 Cmt'd w/ 440 sx. Cement to surface

TOC @ 2250 (CBL-6/30/98) →

11" hole  
8-5/8", 32#, J55, STC, @ 2916'  
 Cmt'd w/ 875 sx. Cement to surface

**Proposed Injection Perfs**  
**DELAWARE BELL CANYON**  
 3428' - 3467'  
 3628' - 3658'

Casing Hole indicated at 6118', but tested ok at 1000 psi. (5/29/99)

**BRUSHY CANYON** (10/14/98)  
 6210' - 6230' Frac'd 10/31/98

Parted casing indicated at 6402'-6404'. Lost 150 psi in 15 min. (5/29/99)

**BONE SPRING** (7/22/98)  
 7816' - 7821'  
 7828' - 7834'  
 7862' - 7875'

DV Tool @ 8177' →

**WOLFCAMP** (7/2/98)  
 10126' - 10132'

7-7/8" hole  
5-1/2", 17#, N80, LTC, @ 10180'  
 Cmt'd w/ 1650 sxs

TD @ 10180'

Formation	Top
Bell Canyon	2970'
Brushy Canyon	5230'
Bone Spring	6640'
Wolfcamp	9912'

**Proposed**  
 2-7/8", 6.5#, Internal Plastic Coated Tubing

**Proposed**  
 5-1/2" Lok Set Packer @ 3378'

**Proposed**  
 Set CIBP @ 6100' & cap w/35' cement

**Proposed**  
 Set 100' balanced cement plug from 6350' to 6450'

Fill tagged at 7974' (3/7/03)

Tagged PBD @ 7977' (5/27/99)  
 Set 35' cement plug @ 7960' - 7995' (5/26/99)  
 PBD tagged @ 7995' (5/25/99)