

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
N.M. Oil Cons. Div-Dist. 2  
1000 W. Grand Avenue  
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

SUBMIT IN TRIPLICATE

RECEIVED

DEC 22 2004

1. 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, SUITE 1500, OKLAHOMA CITY, OKLAHOMA 73102 (405) 552-4615

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1320' FSL & 2323' FWL, Sec 20-T21S-R26E

5. Lease Designation and Serial No.

NM-NM84-B

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Arco 20 Federal Com #2

9. API Well No.

30-015-30599

10. Field and Pool, or Exploratory Area

Avalon (Morrow)

11. County or Parish, State

EDDY, NM

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

TYPE OF SUBMISSION

TYPE OF ACTION

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

☒ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☐ Other \_\_\_\_\_

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ 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.)\*

1. POOH 2-3/8" short string. POOH with 2-3/8" long string and dual packer at 9781'.
2. Set CIBP at 10400' and dump bail 35' cement on top.
3. Set CIBP at 9860' and dump bail 35' cement on top.
4. Set CIBP at 9520' and dump bail 35' cement on top.
5. Circulate hole with 9.0 ppg mud.
6. Set 100' cement plug from 6985' to 7085'. WOC & Tag.
7. Set 100' cement plug from 4485' to 4585'. WOC & Tag.
8. Set 100' cement plug across 9-5/8" casing shoe from 2071' to 2171'. WOC & Tag.
9. Set 100' cement plug across 13-3/8" casing shoe from 401' to 501'. WOC & Tag.
10. Shoot squeeze perfs at 60' and set 60' surface plug inside and out on 7" casing. WOC.
11. Cut wellhead off and install P&A marker. Restore location.

Note: Cement class "C" at 14.8 ppg with a yield of 1.32 cu. ft/sx

**NOTE: ALL CEMENT PLUGS TO BE 150' DUE TO DEPTH OF WELL.**

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

Signed Ronnie Slack

Ronnie Slack

Title Engineering Technician

Date 12/15/04

(This space for Federal or State office use)

Approved by Les Babyak

Title PETROLEUM ENGINEER

Date 12/21/04

Conditions of approval, if any:

# DEVON ENERGY PRODUCTION COMPANY LP

Well Name: Arco 20 Federal Com #2		Field: Avalon (Morrow)	
Location: Sec 20-21S-26E, 1320' FSL & 2323' FWL		County: Eddy	State: NM
Elevation: GL 3449', KB 3461'		Spud Date: 5-12-99	Compl Date: 10-8-99
API#: 30-015-30599	Prepared by: Ronnie Slack	Date: 11/18/04	Rev:

## PROPOSED P&A

17-1/2" hole  
13-3/8", 48#, H40, ST&C, @ 451'  
 Cmt'd w/437 sxs to surface

12-1/4" hole  
9-5/8", 36#, J55, LT&C, @ 2121'  
 Cmt'd w/910 sxs to surface

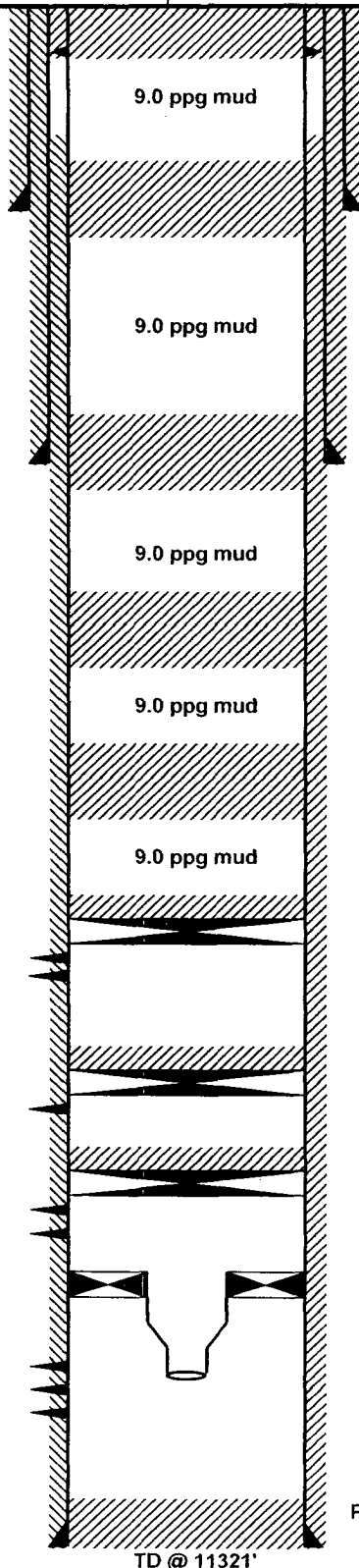
**CANYON**  
 9553' - 9563'  
 9632' - 9646'

**STRAWN**  
 9897' - 9903'

**MORROW**  
 10435' - 10439'  
 10445' - 10448'

**MORROW**  
 11042' - 11046'  
 11094' - 11100'  
 11158' - 11169'

8-3/4" hole  
7", 23# J55 & 26# L80, @ 11320'  
 Cmt'd w/2125 sxs. TOC @ 320'. (CBL)



**Proposed:**  
 Shoot sqz perfs @ 60' and set 60' surface plug inside & out on 7" casing. WOC. Cut wellhead off. Restore location.

**Proposed:**  
 Set 100' cement plug from 401' to 501' WOC & Tag

**Proposed:**  
 Set 100' cement plug from 2071' to 2171' WOC & Tag

**Proposed:**  
 Set 100' cement plug from 4485' to 4585' WOC & Tag

**Proposed:**  
 Set 100' cement plug from 6985' to 7085' WOC & Tag

**Proposed:**  
 CIBP @ 9520' w/ 35' cement on top

**Proposed:**  
 CIBP @ 9860' w/ 35' cement on top

**Proposed:**  
 CIBP @ 10400' w/ 35' cement on top

**Baker Model "D" @ 10905'**  
 4-1/2" x 2-3/8" xo  
 10', 2-3/8" sub  
 F" Nipple, 1.81" profile, @ 10919'  
 10', 2-3/8" sub  
 F" Nipple, 1.81" profile, @ 10931'  
 6' sub, w/ re-entry guide

PBD @ 11272'

TD @ 11321'

# DEVON ENERGY PRODUCTION COMPANY LP

Well Name: Arco 20 Federal Com #2		Field: Avalon (Morrow)	
Location: Sec 20-21S-26E, 1320' FSL & 2323' FWL		County: Eddy	State: NM
Elevation: GL 3449', KB 3461'		Spud Date: 5-12-99	Compl Date: 10-8-99
API#: 30-015-30599	Prepared by: Ronnie Slack	Date: 11/18/04	Rev:

## ■ CURRENT

17-1/2" hole  
13-3/8", 48#, H40, ST&C, @ 451'  
 Cmt'd w/437 sxs to surface

12-1/4" hole  
9-5/8", 36#, J55, LT&C, @ 2121'  
 Cmt'd w/910 sxs to surface

### Short String Tubing Assembly

2-3/8", 4.6#, N80, EUE, prod tbg  
 Baker Model L sliding sleeve (1.81" id) @ 9724'  
 (sliding sleeve reported closed--11/12/99)  
 1 Jt 2-3/8"  
 Baker Model "R" LN (1.78" id) @ 9755'  
 1 Jt 2-3/8"  
 Baker Model "S" snap latch w/8 pts down on pkr

### CANYON

9553' - 9563'  
 9632' - 9646'

### STRAWN

9897' - 9903'

### MORROW

10435' - 10439'  
 10445' - 10448'

### MORROW

11042' - 11046'  
 11094' - 11100'  
 11158' - 11169'

8-3/4" hole  
7", 23# J55 & 26# L80, @ 11320'  
 Cmt'd w/2125 sxs. TOC @ 320'. (CBL)

### Long String Tubing Assembly

2-3/8", 4.6#, N80, EUE prod tbg

### Baker "K" Dbl grip dual Packer @ 9781'

3 Jts 2-3/8" N80 tbg  
 2-10' blast jts (3.062" od x 1.995" id)  
 31 jts 2-3/8" N80 tbg  
 2-2-3/8" subs, 10' & 8'  
 Baker Model G-22 Loc Seal Ass.

### Baker Model "D" @ 10905'

4-1/2" x 2-3/8" xo  
 10', 2-3/8" sub  
 F" Nipple, 1.81" profile, @ 10919'  
 10', 2-3/8" sub  
 F" Nipple, 1.81" profile, @ 10931'  
 6' sub, w/l re-entry guide

PBD @ 11272'

TD @ 11321'

