

DISTRICT I  
P.O. Box 1940, Hobbs, NM 88240

**OIL CONSERVATION DIVISION**  
P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

DISTRICT II  
P.O. Drawer 3D, Artesia, NM 88210

DISTRICT III  
1000 Rio Bravos Rd., Aztec, NM 87410

WELL API NO. 30-025-32164
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. E-3510
7. Lease Name or Unit Agreement Name Anderson Ranch Unit
8. Well No. 21
9. Pool name or Wildcat Wildcat Ellenburger

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	
2. Name of Operator Conoco, Inc.	
3. Address of Operator 10 Dista Dr. Ste 100W, Midland, TX 79705	
4. Well Location Unit Letter T : 1700 Feet From The south Line and 850 Feet From The west Line Section 1 Township 16S Range 32E NMPM Lea County	
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 4293.4'	

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
<b>NOTICE OF INTENTION TO:</b>	<b>SUBSEQUENT REPORT OF:</b>
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
OTHER: <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
	CASING TEST AND CEMENT JOB <input type="checkbox"/>
	OTHER: <input type="checkbox"/>

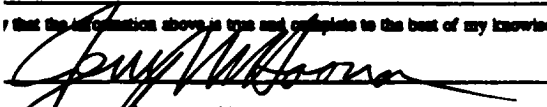
12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

A Sundry Notice was approved by the Hobbs OCD Office to plug and abandon this well. The procedure to be used has been re-evaluated and changed to the one attached to this Sundry. The primary changes were made to:

1. Salvage about 7,000' of production casing.
2. Incorporate the additional steps added to the procedure by the Hobbs Office.

It is proposed to change this previously approved P&A procedure to the one attached to this second notice.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE  TITLE Sr. Conservation Coordinator DATE 5/2/94

TYPE OR PRINT NAME Jerry W. Hoover (915) 686-6548 TELEPHONE NO.

(This space for State Use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS (IF APPROVAL, IF ANY):

ORIGINAL SIGNED BY JERRY SEXTON  
DISTRICT I SUPERVISOR  
MAY 05 1994

**Anderson Ranch Unit No. 21**  
**PLUG AND ABANDON**  
04/28/94

**Objective:** To Plug and Abandon ARU 21.

- Summary:**
1. Regulatory
  2. Prep to P&A.
  3. Morrow. Set Cmt Ret @ 12,100'. Pump 35 sx below and 5 sx on top of retainer.
  4. Wolfcamp. Pump 25 sx from 8790-8950'.
  5. Salvage Prod Casing. Run freepoint and cut and pull prod csg from 7000'.
  6. Stub Plug. Pump 40 sx from 6950-7050'.
  7. Glorietta Plug. Pump 45 sx from 5580'-5680'.
  8. Intermediate Casing Shoe. Pump 45 sx from 4160-4260'.
  9. Salt Section. Pump 45 sx from 1350-1450'.
  10. Surface Plug. Pump 250 sx from 600' to surface.
  11. Restore Location.

**Anderson Ranch Unit No. 21**  
**PROCEDURE**  
04/28/94

1. **Regulatory**  
\*Notify BLM/NMOCD of intent to P&A well.  
\*Mud laden fluid of at least 9.5 PPG must be placed in all uncemented portions of the well.
2. **Prep to P&A**  
MIRU. Kill well. ND wellhead, NU BOP. Release pkr and POOH w/ perforating equipment and packer. If well is not dead when packer is released, circulate 9.5 ppg fluid.
3. **Morrow Plug**  
RIH w/ cmt retainer and stinger. Set retainer at 12,100'. Sting out of retainer and circulate 9.5 ppg fluid if not already done. Spot 40 sx Class C cmt to bottom of tubing. Sting into retainer and pump 35 sx cmt. Sting out of retainer and pump 5 sx on top.
4. **Wolfcamp Plug**  
Pull up hole to 8950'. Pump 25 sx balanced plug from 8950' - 8790' (160').
5. **Salvage Production Casing**  
POOH. Run freepoint survey to determine free production casing. RU casing cutters to cut 9-5/8" casing. RIH to free pipe limit and cut production casing. Lay down casing.
6. **Stub Plug**  
RIH with tubing to 7050'. Top hole w/ 9.5 ppg fluid. Pump 40 sx in balanced plug from 50' below casing cut to 50' above casing cut (approximately 7050-6950'). WOC and tag.
7. **Glorietta Plug**  
Pull up hole to 5680'. Pump 45 sx in balanced plug from 5680' - 5580'.
8. **Intermediate Casing Shoe Plug**  
Pull up hole to 4260'. Pump 45 sx balanced plug from 4260' - 4160'.
9. **Salt Section Plug**  
Pull up hole to 1450'. Pump 45 sx balanced plug from 1450' - 1350'. WOC and tag.

10. **Surface Plug**

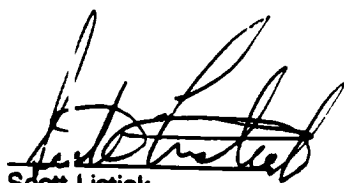
Pull up hole to 600'. Pump 250 sx balanced plug from 600' to surface. WOC. Top off cmt to surface.

11. **Restore Location**

RDMO. Cut off casing 3' below surface. Top off w/ cmt. Weld on cap and install marker. Clean location and restore to natural condition. **Send all paperwork to Bill Keithly in Midland.**

**Cement Detail**

Type	Class 'C'
Water Req	6.3 gal/sk
Mix Weight	14.8 ppg
Yield	1.32 cu. ft./sk



Scott Listiak  
Engineer

**1700' FSL, 850' FWL, S1, T16S, R32E**

GL: 4295'  
"0": 27' AGL

## SURFACE CASING

13 3/8", 54.5#, K55, @ 532'  
Circulated

## INTERMEDIATE CASING

9 5/8", 40#, K-55 @ 4210'  
Circulated

Wolfcamp 8,950'

Morrow 11,900'

Devonian 13,388'

## TUBING

2 7/8", 6.5#, N80

Fkr @ 12,004', Guns to 12,199'

## PRODUCTION CASING

7", 20# , N80 @ 13,900'

TOC @ 7000' estT

## Morrow

12,118-130', 12,190-198'

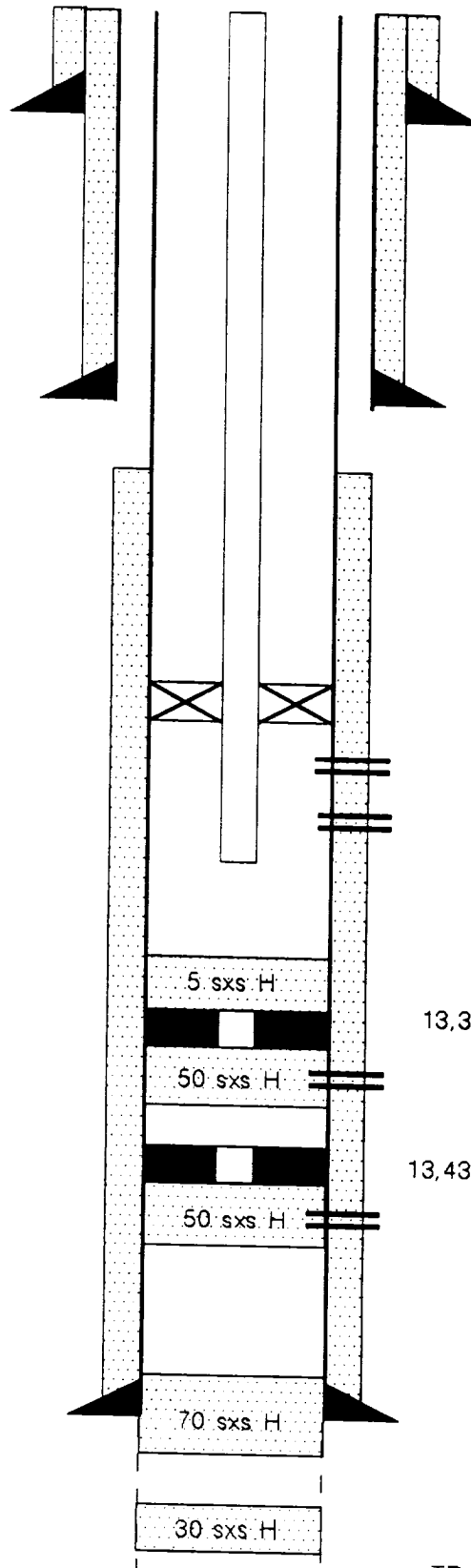
## Devonian

13,372-95' Saz'd (100% H2O)

13,431-32' S qz'd (100% H<sub>2</sub>O)

PBTD: 13,725

TD: 14,580'



# ARU No. 21 PROPOSED P&A

## 1700' FSL, 850' FWL, S1, T16S, R32E

GL: 4295'  
"0": 27' AGL

### SURFACE CASING

13 3/8", 54.5#, K55, @ 532'  
Circulated

### INTERMEDIATE CASING

9 5/8", 40#, K-55 @ 4210'  
Circulated

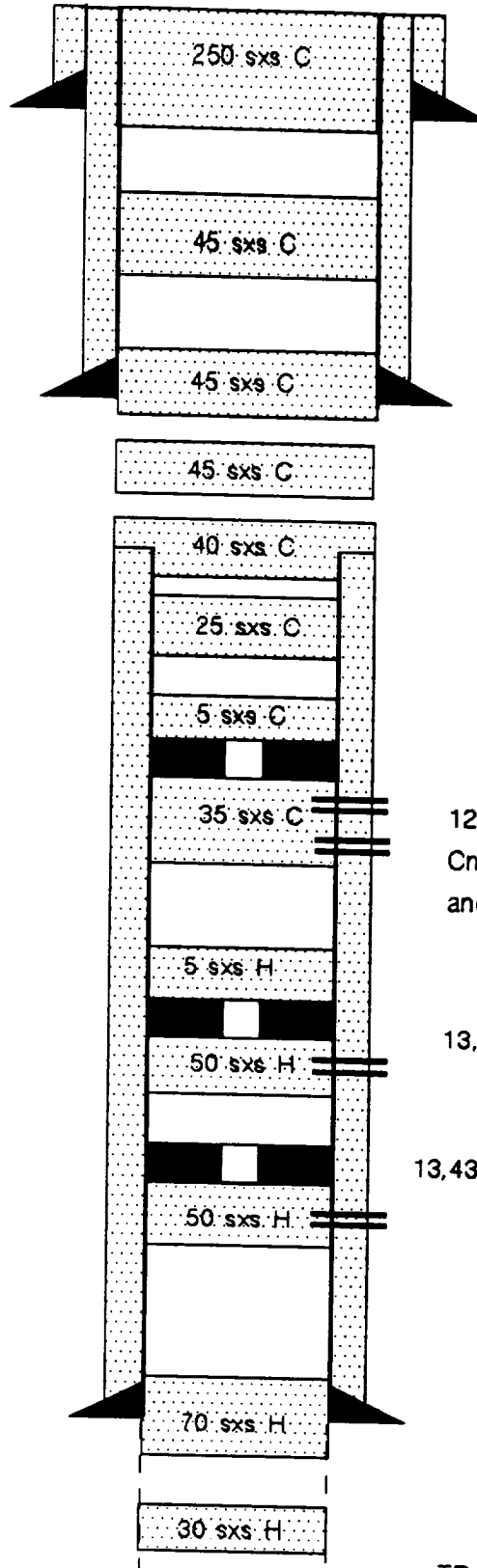
Wolfcamp 8,950'  
Morrow 11,900'  
Devonian 13,388'

### TUBING

2 7/8", 6.5#, N80

### PRODUCTION CASING

7", 29#, N80 @ 13,900'  
TOC @ 7000' estT



PBTD: 13,725

TD: 14,580'