

Submit 3 Copies To Appropriate District  
Office  
District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Ave., Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM  
87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
May 27, 2004

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

WELL API NO. 30-025-06474
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Northeast Drinkard Unit
8. Well Number 501
9. OGRID Number 00873
10. Pool name or Wildcat Eunice Blinbry-Tubb-Drinkard-North

SUNDRY NOTICES AND REPORTS ON WELLS (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 Apache Corporation	
3. Address of Operator 6120 South Yale, Suite 1500, Tulsa, OK 74136-4224	
4. Well Location Unit Letter <u>L</u> : <u>1,980</u> feet from the <u>South</u> line and <u>330</u> feet from the <u>West</u> line Section <u>10</u> Township <u>21-S</u> Range <u>37-E</u> NMPM County <u>Lea</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3,470' DF	
Pit or Below-grade Tank Application <input checked="" type="checkbox"/> or Closure <input type="checkbox"/>	
Pit type <u>STEEL</u> Depth to Groundwater <u>24'</u> Distance from nearest fresh water well <u>1/2 mile</u> Distance from nearest surface water <u></u>	
Pit Liner Thickness: <u>STEEL</u> mil Below-Grade Tank: Volume <u>180</u> bbls; Construction Material <u>STEEL</u>	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input checked="" type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

13. 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. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

See attached plugging procedure & wellbore diagram

THE OIL CONSERVATION DIVISION MUST  
BE NOTIFIED 24 HOURS PRIOR TO THE  
BEGINNING OF PLUGGING OPERATIONS.



I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOC guidelines ☒, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE James F. Newman TITLE James F. Newman, P.E. (Triple N Services) DATE 06/08/05

Type or print name James F. Newman

E-mail address: jim@triplenservices.com Telephone No. 432-687-1994

For State Use Only

OC FIELD REPRESENTATIVE II/STAFF MANAGER

APPROVED BY: Larry W. Wink TITLE  DATE

Conditions of Approval (if any):

JUN 13 2005

**Apache Corporation**  
**Northeast Drinkard Unit #501**

API #30-025-06474

1,980' FSL & 330' FWL, Section 1, T21S, R37E  
Lea County, New Mexico



**Proposed Plugging Procedure**

**See attached wellbore diagrams for wellbore configuration**

- Notify NMOCD 48 hrs prior to move in, and 4 hrs prior to plugs
  - Hold daily tailgate safety meetings w/ crews
  - Contact NM Digtess (1-800-321-2537, Account # 6778) minimum 48 hrs prior to move-in
1. Note tubing SI casing pressure. Set 180 bbl steel working pit. Flow down tubing & casing to pit.
  2. MIRU Triple N rig and plugging equipment. NU BOP.
  3. RIH w/ gauge ring for 2 $\frac{7}{8}$ " 6.5# casing on sandline, tag PBTD @ +/- 5,573'.
  4. RU cementer and pressure-test 2 $\frac{7}{8}$ " casing to 1,000 psi.
  5. RU wireline unit and cut 2 $\frac{7}{8}$ " casing @ 3,000'. If casing tested in #4, pump plug in #6. Otherwise, POOH laying down 2 $\frac{7}{8}$ " casing and RIH w/ 2 $\frac{3}{8}$ " workstring to 3,025'.
  6. W/ tubing @ 3,025'. RU cementer and load hole w/ plugging mud. Pump 50 sx C cmt w/ 2% CaCl<sub>2</sub> @ 3,025'. WOC and tag this plug no deeper than 2,925'. POOH w/ tubing to 2,500'. **Casing stub & intermediate shoe plug**
  7. POOH w/ tbg to 2,500'. Load hole w/ mud and pump 30 sx C cmt w/ 2% CaCl<sub>2</sub> @ 2,500'. WOC and tag this plug no deeper than 2,400'. POOH w/ tbg. **Base of salt plug**
  8. RU wireline unit and perforate 7 $\frac{5}{8}$ " casing @ 1,400'. POOH w/ wireline.
  9. RIH w/ AD-1 packer to 1,100'. Load hole w/ mud and set packer. Establish rate into perforations at 1,000 psi or less. If rate is established, squeeze 60 sx C cmt w/ 2% CaCl<sub>2</sub> 1,400 – 1,300'. WOC and tag this plug no deeper than 1,300'. If unable to establish rate, pump balanced plug as instructed by NMOCD. **Top of salt plug**
  10. RU wireline unit and perforate 7 $\frac{5}{8}$ " casing @ 360'. POOH w/ wireline.
  11. RIH w/ AD-1 packer to 180'. Load hole w/ mud and set packer. Establish rate into perforations at 1,000 psi or less. If rate is established, squeeze 100 sx C cmt w/ 2% CaCl<sub>2</sub> 360 – 260'. WOC and tag this plug no deeper than 260'. If unable to establish rate, pump balanced plug as instructed by NMOCD. **Surface casing shoe plug**
  12. ND BOP and circulate 15 sx C cement 50' to surface. **Surface Plug**
  13. RDMO.
  14. Empty & clean steel work pit. Cut off wellhead and anchors, install dry hole marker. Level location. Leave location clean and free of trash.

**NEDU 501**

API - 30-025-06474

1980' FSL &amp; 330' FWL

Sec. 10 T-21S R-37E

Lea County, New Mexico

Spud Date - 4/14/1962

**Completions**

Date	Zone	Perfs
May-62	Blinebry	5874, 90, 5910, 23, 27, 36
May-64	Blinebry	5793, 95, 97, 99, 5810, 14, 35, 44

**Surface Casing (13-3/4" Hole)**

10.75" 32.75 # 0' - 310' 200 sxs cmt. TOC - Surf Circ.

**Intermediate (9-7/8" Hole)**

7.625" 24 # 0' - 2975' 200 sxs cmt. TOC - 2100 Survey

Backside Cmt @ 2100 Survey

Backside Cmt @ 3000 Survey

Cement Cap @ 5573 Set 7/89

CIBP @ 5610 Set 7/89

Perfs @ 5793 - 5936

**Production Casing (6-3/4" Hole)**

2.875" 6.4 # 0' - 5989' 1200 sxs cmt. TOC - 3000 Survey

Created by  
CM 1/25/2005