

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. 30-025-11398
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. B-1431
7. Lease Name or Unit Agreement Name State NJ "A"
8. Well Number 1
9. OGRID Number 873
10. Pool name or Wildcat Justis Devonian 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, Oklahoma 74136-4224	
4. Well Location Unit Letter <u>A</u> : <u>663</u> feet from the <u>North</u> line and <u>660</u> feet from the <u>East</u> line Section <u>2</u> Township <u>25-S</u> Range <u>37-E</u> NMPM County <u>Lea</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3,163' DF	
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input checked="" type="checkbox"/>	
Pit type <u>steel</u> Depth to Groundwater <u>100'</u> Distance from nearest fresh water well <u>N/A</u> Distance from nearest surface water <u>N/A</u>	
Pit Liner Thickness: <u>mil</u> Below-Grade Tank: Volume <u>bbbls</u> Construction Material <u></u>	

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

NOTICE OF INTENTION TO:

- PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐  
OTHER: ☐

SUBSEQUENT REPORT OF:

- REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ P AND A ☒  
CASING/CEMENT JOB ☐  
OTHER: ☐

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 ACTIVITY REPORT & PLUGGED WELLBORE DIAGRAM

02/11/05: Cleaned steel pit & hauled fluids to disposal. Cut off wellhead and anchors, installed dry hole marker, backfilled cellar.

Approved as to plugging of the Well Bore.  
Liability under bond is retained until  
surface restoration is completed.

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 NMOCD 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 02/18/05

Type or print name James F. Newman E-mail address: jim@triplenservices.com Telephone No. 432-687-1994  
For State Use Only

APPROVED BY: Gary W. Wink TITLE OC FIELD REPRESENTATIVE II/STAFF MANAGER DATE FEB 23 2005

Conditions of Approval (if any):

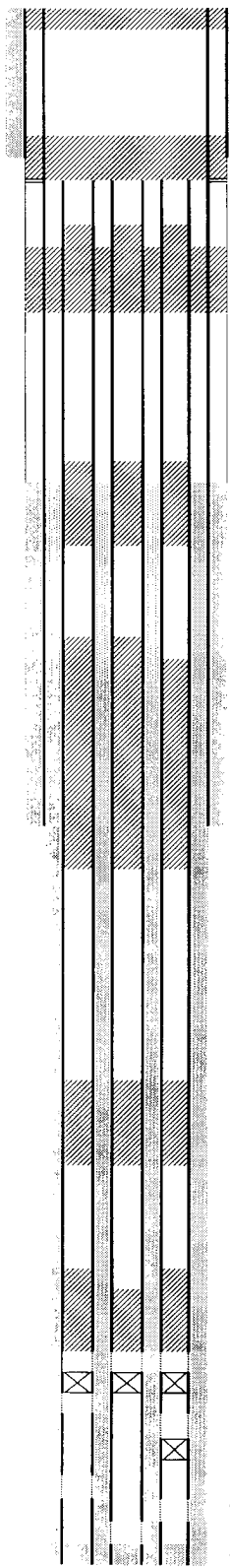
# **PLUGGED WELLBORE SKETCH** **Apache Corporation**



RKB @ \_\_\_\_\_  
DF @ 3,163  
GL @ \_\_\_\_\_

Date: February 17, 2005

Lease & Well No.: State NJ "A" #1  
Legal Description: 663' FNL & 660' FEL, Section 2, T-25-S, R-37-E  
County: Lea State: New Mexico  
Field: North Justice Devonian  
Date Spudded: 1-Oct-61 **PLUGGED 02/11/05**  
API Number: 30-025-11398



**135 sx C cmt 50' to surface, perf & sqz  
inside & outside 16" casing**

16" 42.75# csg @ 513' w/ 750 sx, circ.  
**125 sx C cmt 563 - 450', perf & sqz,  
TAGGED**

**Top of Salt @ 1,020'**

13-3/4" openhole

TOC @ 2,210'

**Base of Salt @ 2,355'**

TOC @ 2,975' by TS

10-3/4" 45.5# csg @ 3,418'  
w/ 1,500 sx, TOC 2,210'

9-7/8" openhole

Devonian perforations: 6,706 - 6,835' (string #1)  
CIBP/cmt @ 6,900' (strings #1, #2, #3)  
Fusselman perforations: 7,042 - 7,074, sqz'd' (string #1)  
Montoya perforations: 7,175 - 7,218' (string #3)  
CIBP/cmt @ 7,310' (string #3)  
McKee perforations: 7,986 - 8,105' (string #1)  
Waddell perforations: 8,139 - 8,184' (string #3)  
Ellenburger perforations 8,444 - 8,494' (string #2)  
Cmt'd w/ 1,400 sx: TOC @ 2,975' by TS

PBTD: 6,719  
TD: 7,245

16" 65# casing capacity: 1.26840 ft3/ft  
10-3/4" 45.5# casing capacity: 0.53990 ft3/ft  
3-1/2" 9.2# casing capacity: 0.04883 ft3/ft  
2-7/8" 6.5# casing capacity: 0.03250 ft3/ft  
2-3/8" 4.7# casing capacity: 0.02272 ft3/ft

## **String #1:**

3-1/2" 9.2# to 8,659'  
Devonian perforations: 6,706 - 6,835'  
McKee perforations: 7,986 - 8,105'  
Fusselman perforations: 7,042 - 7,074, sqz'd'

## **String #2:**

3-1/2" 9.2# to 8,563'  
Ellenburger perforations 8,444 - 8,494'

## **String #3:**

2-7/8" 6.5# to 8,566'  
Montoya perforations: 7,175 - 7,218'  
Waddell perforations: 8,139 - 8,184'

## **ACTUAL PLUGS**

### **String #1:**

- 1) two 25 sx C cmt @ 6,634': TAGGED 2nd plug @ 5,880'
- 2) 25 sx C cmt 4,658 - 3,983'
- 3) 25 sx C cmt 3,547 - 2,872'
- 4) 20 sx C cmt 2,500 - 2,000'  
cut 3-1/2" @ 1,030', not free
- 5) 21 sx C cmt 1,030 - 680' displaced via #3 string, TAGGED  
cut & pulled 3-1/2" from 574'

### **String #2:**

- pressure-tested to 1,400 psi 6,634' to surface*
- 6) 25 sx C cmt 6,634 - 5,959'
  - 7) 25 sx C cmt 4,658 - 3,983'
  - 8) 25 sx C cmt 3,547 - 2,872'
  - 9) 20 sx C cmt 2,500 - 2,000'  
cut 3-1/2" @ 1,030', not free, unable to sqz @ 2,000 psi
  - 10) 20 sx C cmt 1,050 - 652' TAGGED  
cut & pulled 3-1/2" from 569'

### **String #3:**

- pressure-tested to 1,200 psi 6,500' to surface*
- 11) 15 sx C cmt 6,500 - 5,890'
  - 12) 15 sx C cmt 4,658 - 4,049'
  - 13) 15 sx C cmt 3,547 - 2,938'  
cut 2-7/8" @ 2,515' & 2,355', not free
  - 14) 10 sx C cmt 2,565 - 2,050'
  - 15) 21 sx C cmt 1,030 - 654' displaced via #1 string, TAGGED  
cut & pulled 2-7/8" from 570'
  - 16) 125 sx C cmt 563 - 450', perf & sqz, TAGGED
  - 17) 135 sx C cmt 50' to surface, perf & sqz

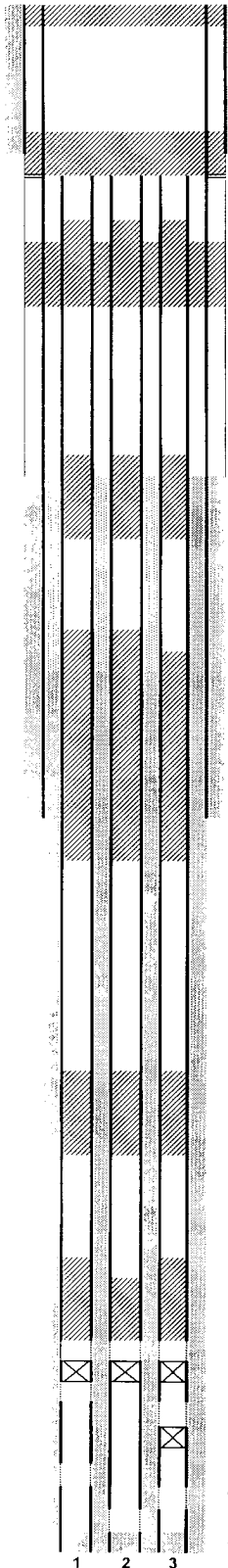
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13-3/4" openhole

TOC @ 2,210'

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TOC @ 2,975' by TS

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9-7/8" openhole

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McKee perforations: 7,986 - 8,105' (string #1)  
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Cmt'd w/ 1,400 sx; TOC @ 2,975' by TS

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cut 3-1/2" @ 1,030', not free
- 5) 21 sx C cmt 1,030 - 680' displaced via #3 string, TAGGED  
cut & pulled 3-1/2" from 574'

### **String #2:**

- pressure-tested to 1,400 psi 6,634' to surface
- 6) 25 sx C cmt 6,634 - 5,959'
  - 7) 25 sx C cmt 4,658 - 3,983'
  - 8) 25 sx C cmt 3,547 - 2,872'
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cut 3-1/2" @ 1,030', not free, unable to sqz @ 2,000 psi
  - 10) 20 sx C cmt 1,050 - 652' TAGGED  
cut & pulled 3-1/2" from 569'

### **String #3:**

- pressure-tested to 1,200 psi 6,500' to surface
- 11) 15 sx C cmt 6,500 - 5,890'
  - 12) 15 sx C cmt 4,658 - 4,049'
  - 13) 15 sx C cmt 3,547 - 2,938'  
cut 2-7/8" @ 2,515' & 2,355', not free
  - 14) 10 sx C cmt 2,565 - 2,050'
  - 15) 21 sx C cmt 1,030 - 654' displaced via #1 string, TAGGED  
cut & pulled 2-7/8" from 570'
  - 16) 125 sx C cmt 563 - 450', perf & sqz, TAGGED
  - 17) 135 sx C cmt 50' to surface, perf & sqz

000  
sqz'd  
TAGGED

## Daily Activity Report



Apache Corporation  
State NJ "A" #1  
Lea County, New Mexico

page 1 of 2  
Job #4770

### 01/19/05 Wednesday

Notified NMOCD, Gary Wink. MIRU Triple N rig #22 and plugging equipment. Flowed well down and ND wellhead, found 1½" EUE 10rd tubing in #1 3½" string. Prepare to pull 1½" tubing. SDFN.  
RT: 8:00 – 5:30 9.5 hrs CRT: 9.5 hrs

### 01/20/05 Thursday

Notified OCD, Buddy Hill. RU cementer to #1 (west) string. Pumped 55 bbls down 3½", returns up 1.9" tubing, circulated out oil. RU cementer on #2 (east) string, pressure-tested 3½" to 1,400 psi, held. RU cementer on #3 string, pressure-tested 2⅞" to 1,200 psi, held. Loaded 10¾" casing with 40 bbls, 0 psi. RU wireline on #2 string and RIH w/ 1¾" weight bar, tagged PBTD @ 6,865'. POOH w/ wireline. RIH w/ wireline in #3 string, tagged PBTD @ 6,870', POOH w/ wireline. ND #1 wellhead, NU adapter flange and BOP. Released packer and POOH 215 1½" EUE 10rd tubing and Model R type packer, finding hole in tubing 3 jts above packer. SDFN.  
RT: 8:00 – 6:00 10.0 hrs CRT: 19.5 hrs

### 01/21/05 Friday

OCD Buddy Hill on location. ND casing riser, NU 3½" THAF & BOP on #1 string. RIH w/ 215 jts 1.9" production tubing to 6,634'. RU cementer and circulated hole w/ 25 bbls plugging mud, pumped 25 sx C cmt @ 6,634', displacing w/ mud. POOH w/ 32 stands and WOC 2½ hrs. RIH w/ tbq, no tag. Pumped and additional 25 sx C cmt @ 6,634' and POOH w/ tbq. ND BOP and 2⅞" & both 3½" strings. SI well, SD for weekend.  
RT: 8:00 – 5:30 9.5 hrs CRT: 29.0 hrs

### 01/24/05 Monday

NU BOP and RIH w/ wireline, tagged cmt @ 5,880' (#1 string), POOH w/ wireline. RIH w/ 1.9" production tubing to 4,658'. RU cementer and pumped 25 sx C cmt 4,658 – 3,983'. POOH w/ tbq to 3,547' and pumped 25 sx C cmt 3,547 – 2,872'. POOH w/ tbq. ND BOP and NU BOP on #2 3½" string. RIH w/ 215 jts 1.9" production tubing to 6,634'. RU cementer and circulated hole w/ 25 bbls plugging mud, pumped 25 sx C cmt 6,634 – 5,959', displacing w/ mud. POOH w/ tbq to 4,658' and pumped 25 sx C cmt 4,658 – 3,983'. POOH w/ tbq to 3,547' and pumped 25 sx C cmt 3,547 – 2,872'. POOH laying down 1.9" tbq. SDFN.  
RT: 8:00 – 7:00 11.0 hrs CRT: 40.0 hrs

### 01/25/05 Tuesday

NMOCD Buddy Hill on location. RIH w/ 1.9" tubing, POOH laying down tubing. ND BOP, SI #1, #2, #3 strings. RDMO rig. MIRU coiled tubing unit on 2⅞" string. RU lubricator and RIH w/ 1½" coiled tubing to 6,500'. RU cementer and pumped 11 bbls plugging mud, followed by 15 sx C cmt 6,500 – 5,891'. POOH w/ tbq to 4,658' and pumped 15 sx C cmt 4,658 – 4,049'. POOH w/ tbq to 3,547' and pumped 15 sx C cmt 3,547 – 2,938'. POOH w/ tbq to 2,800' and circulated hole clean. POOH w/ tbq, RD lubricator, RD coiled tubing unit.  
RT: 8:00 – 11:00 3.0 hrs CRT: 43.0 hrs (rig)  
RT: 11:00 – 4:00 5.0 hrs CRT: 5.0 hrs (CTU)

## Daily Activity Report



Apache Corporation  
State NJ "A" #1  
Lea County, New Mexico

page 2 of 2  
Job #4770

### 01/26/05 Wednesday

NMOCD Buddy Hill on location. RU coiled tubing unit for mast. RU wireline and 2 $\frac{7}{8}$ " casing. RIH w/ 2 $\frac{1}{8}$ " tubing-cutter, cut casing @ 2,515', POOH w/ wireline. RU cementer and pressured up to 2,000 psi on cut, no communication. Called Buddy Hill. RIH w/ 2 $\frac{1}{8}$ " tubing-cutter, cut casing @ 2,355', POOH w/ wireline. RU cementer and pressured up to 2,000 psi on cut, no communication. Called Buddy Hill. RIH w/ 1 $\frac{1}{2}$ " coiled tubing to 2,565'. Loaded hole and pumped 10 sx C cmt 2,565 – 2,050'. POOH w/ tbg. RU on #1 3 $\frac{1}{2}$ " string and RIH w/ 1 $\frac{1}{2}$ " coiled tubing to 2,500'. Loaded hole and pumped 20 sx C cmt 2,500 – 2,000'. POOH w/ tbg. RU on #2 3 $\frac{1}{2}$ " string and RIH w/ 1 $\frac{1}{2}$ " coiled tubing to 2,500'. Loaded hole and pumped 20 sx C cmt 2,500 – 2,000'. POOH w/ tbg. RU wireline and #2 3 $\frac{1}{2}$ " casing. RIH w/ 2 $\frac{1}{2}$ " tubing-cutter, cut casing @ 1,030', POOH w/ wireline. RU cementer and pressured up to 2,000 psi on cut, no communication. Called Buddy Hill. RU wireline and #1 3 $\frac{1}{2}$ " casing. RIH w/ 2 $\frac{1}{2}$ " tubing-cutter, cut casing @ 1,030', POOH w/ wireline. RU cementer and established communication to 2 $\frac{7}{8}$ " string. Called Buddy Hill. RU on #2 3 $\frac{1}{2}$ " string and RIH w/ 1 $\frac{1}{2}$ " coiled tubing to 1,050'. Loaded hole and pumped 20 sx C cmt 1,050 – 650'. POOH w/ tbg. Discussed procedure w/ Buddy Hill. RU cementer on #3 string and pumped 21 sx C cmt 1,030 – 680' in #1 & #3 strings, displacing down #3 string. SI well, SDFN.

RT: 8:00 – 5:30 9.5 hrs CRT: 14.5 hrs (CTU)

### 01/27/05 Thursday

RIH w/ 2 $\frac{1}{8}$ " jet cutter in #3 string and tagged cmt @ 654', PUH and cut 2 $\frac{7}{8}$ " casing @ 570' per Buddy Hill w/ NMOCD. POOH w/ wireline. RU cementer and established circulation thru cut. RU wireline on #1 string and RIH w/ 2 $\frac{1}{2}$ " cutter, tagged cmt @ 660'. PUH and cut #1 3 $\frac{1}{2}$ " casing @ 574', POOH w/ wireline. RU wireline on #2 string and RIH w/ 2 $\frac{1}{2}$ " cutter, tagged cmt @ 652'. PUH and cut #2 3 $\frac{1}{2}$ " casing @ 573', POOH w/ wireline. Established returns to surface in 10 $\frac{3}{4}$ " casing via both 3 $\frac{1}{2}$ " strings. RDMO coiled tubing unit to #4 well.

RT: 8:30 – 12:00 3.5 hrs CRT: 18.0 hrs (CTU)

### 02/09/05 Wednesday

MIRU Triple N rig #22, SDFN.

RT: 4:00 – 5:30 1.5 hrs CRT: 44.5 hrs (rig)

### 02/10/05 Thursday

NMOCD Buddy Hill on location. ND casing head and POOH w/ 2 $\frac{7}{8}$ " tubing. Changed tools and POOH w/ #1 3 $\frac{1}{2}$ " string, 19 jts. PU on #2 3 $\frac{1}{2}$ " string, unable to work free. RIH w/ wireline and re-cut #2 3 $\frac{1}{2}$ " string @ 569', POOH w/ wireline. POOH w/ #2 3 $\frac{1}{2}$ " string, 18 jts. RIH w/ wireline and perforated 10 $\frac{3}{4}$ " casing @ 563', POOH w/ wireline. RIH w/ 10 $\frac{3}{4}$ " AD-1 packer to 378'. Loaded hole, set packer, established rate of 1 BPM @ 0 psi. Squeezed 125 sx C cmt, SI well, SDFN.

RT: 8:00 – 4:00 8.0 hrs CRT: 52.5 hrs (rig)

### 02/11/05 Friday

NMOCD Buddy Hill on location. RIH w/ wireline, tagged cmt @ 450'. POOH w/ wireline. Released packer and POOH. RIH w/ wireline and perforated casing @ 50', POOH w/ wireline. RU cementer and pumped 135 sx C cmt 50' to surface, leaving 10 $\frac{3}{4}$ " & 16" full of cement. Jetted out steel pit and hauled solids to disposal, RDMO.

RT: 8:00 – 10:00 2.0 hrs CRT: 54.5 hrs (rig)