

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. 30-025-11400
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 3
9. OGRID Number 873
10. Pool name or Wildcat Justis; (Various), San Andres

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>493</u> feet from the <u>North</u> line and <u>690</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.) 3,170' 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>bbls</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 Representative to State DATE FEB 23 2005
Conditions of Approval (if any):

PLUGGED WELLBORE SKETCH Apache Corporation



RKB @ _____
DF @ _____
GL @ 3,170

Date: February 16, 2005

Lease & Well No. : State NJ "A" #3
Legal Description : 493' FNL & 690' FEL, Section 2, T-25-S, R-37-E
County : Lea State : New Mexico
Field : North Justice Devonian
Date Spudded : 21-Jan-62 **PLUGGED 02/09/05**
API Number : 30-025-11400

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 7,240'
Devonian perforations: 6,820 - 6,880' (string #1)
Paddock perforations: 4,753 - 4,795' (string #1)

String #2:
3-1/2" 9.2# to 7,240'
Fusselman perforations 7,082 - 7,096' (string #2)
Drinkard perforations: 5,945 - 5,987' (string #2)

String #3:
2-7/8" 6.5# to 7,235'
Blinbry perforations: 5,286 - 5,475' (string #3)

String #4:
2-3/8" 4.7# to 7,213'
San Andres perforations: 4,280 - 4,375' (string #4)

ACTUAL PLUGS

String #1:
top of 1.9" tubing fish @ 4,702'
1) 105 sx C cmt 4,700 - 1,800' displaced down 2-7/8" string
2) 25 sx C cmt 1,100 - 700' sqz'd thru cut. TAGGED

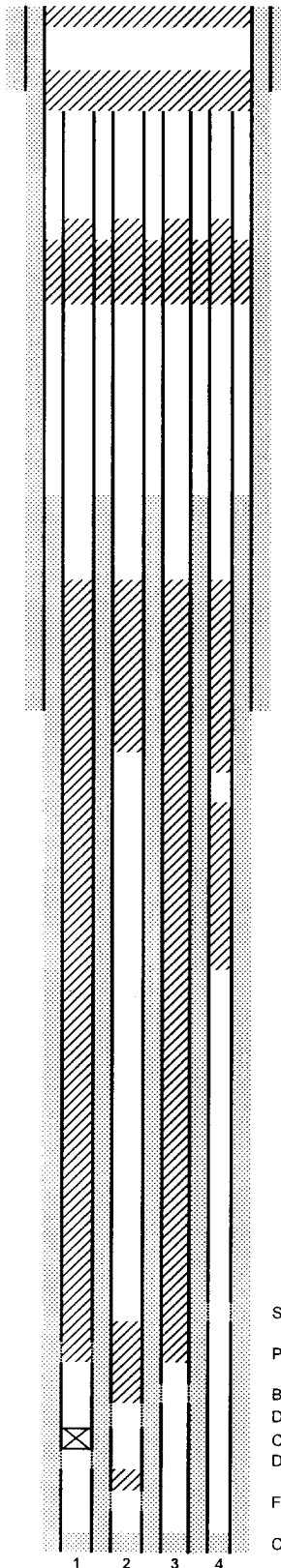
String #2:
4) 25 sx C cmt 6,601 - 5,726', TAGGED
5) five 25 sx C cmt @ 4,725, TAGGED @ 4,295'
Pressure-tested to 1,100 psi 2,458' to surface
6) 25 sx C cmt 2,458 - 1,783'
7) 25 sx C cmt sqz'd via 2-7/8" 1,100 - 790' TAGGED

String #3:
communicated to #1 string at +/- 4,700'
10) 80 sx C cmt 4,700 - 1,680' displaced, TAGGED
11) 25 sx C cmt sqz'd 1,100 - 725' TAGGED

String #4:
unable to work tubing past 3,002'
12) 10 sx C cmt 3,002 - 2,560', TAGGED
13) 10 sx C cmt 2,468 - 1,678'
14) 25 sx C cmt sqz'd 1,100 - 675' TAGGED

Cut & pull all four production casing strings from 308'

15) 60 sx C cmt 308 - 169' TAGGED
16) 20 sx C cmt 50' to surface



20 sx C cmt 50' to surface

16" 42.75# csg @ 258' w/ 450 sx, circ.

60 sx C cmt 308 - 169' TAGGED

Top of Salt @ 1,010'

TOC @ 1,575' by TS

Base of Salt @ 2,355'
10-3/4" 45.5# csg @ 2,345'
w/ 1,300 sx, circ.

9-7/8" openhole

San Andres perforations: 4,280 - 4,375' (string #4)

Paddock perforations: 4,753 - 4,795' (string #1)

Blinbry perforations: 5,286 - 5,475' (string #3)

Drinkard perforations: 5,945 - 5,987' (string #2)

CIBP @ 6,719' (string #1)

Devonian perforations: 6,820 - 6,880' (string #1)

Fusselman perforations 7,082 - 7,096' (string #2)

Cmt'd w/ 1,550 sx; TOC @ 1,575'

PBTD: 6,719
TD: 7,245

Daily Activity Report



Apache Corporation
State NJ "A" #3
Lea County, New Mexico

page 1 of 2
Job #4771

01/25/05 Tuesday

Notified NMOCD, Buddy Hill on location. MIRU Triple N rig #22 and plugging equipment. Laid down polished rod in east 3½" string (#1). ND all casing heads. RU wireline and RIH w/ 1⅝" weight bar in #4 string (2⅝"), stacked out at 1,755'. POOH w/ wireline. RIH w/ 1⅝" weight bar in west 3½" string (#2), stacked out at 4,735'. POOH w/ wireline. RIH w/ 1⅝" weight bar in #3 string (2⅝"), stacked out at 4,735'. POOH w/ wireline. RD wireline. NU BOP on east 3½" string (#1). PU on 1.9", weighing 11k, estimating 3,793'. SI well, SDFN.

RT: 11:00 – 6:30 7.5 hrs CRT: 7.5 hrs

01/26/05 Wednesday

Notified NMOCD, Buddy Hill on location. **#1 string**: POOH w/ total of 151 jts 1.9", had parted on 152nd joint, tally 4,701.75'. Laid down 13 bad joints. RU on **#2 3½" string** and RIH w/ notched collar on 1.9" tubing, tagged at 4,732'. Worked thru tight spot and continued in hole picking up 1.9" tubing to 6,582'. RU cementer and attempted to circulate hole, unable, pumped total of 80 bbls brinewater. Pipe sticking, continued washing, appear to have stuck tubing. SDFN.

RT: 7:30 – 7:00 11.5 hrs CRT: 19.0 hrs

01/27/05 Thursday

Notified NMOCD, Buddy Hill on location. **#2 string**: RU cementer and circulated tubing free w/ 80 bbls. Continued in hole to 6,601'. Circulated hole w/ mud and pumped 25 sx C cmt @ 6,601' per Buddy Hill. POOH w/ 50 stands and WOC 4 hrs. RIH w/ tbg, tagged cmt @ 5,726'. POOH w/ tbg to 4,730' and pumped 25 sx C cmt @ 4,730'. POOH w/ 30 stands and SI well, SDFN. Will tag in a.m.

RT: 8:00 – 6:00 10.0 hrs CRT: 29.0 hrs

01/28/05 Friday

Notified NMOCD, Buddy Hill on location. **#2 string**: RIH w/ tbg, no tag. Pumped 25 sx C cmt @ 4,730'. POOH w/ 30 stands and WOC 3 hrs. RIH w/ tbg, no tag. Called OCD, Buddy Hill, pumped an additional 25 sx C cmt @ 4,730'. POOH w/ tbg, SD for weekend.

RT: 7:30 – 3:30 8.0 hrs CRT: 37.0 hrs

01/31/05 Monday

Notified NMOCD, Johnny on location. **#2 string**: RIH w/ tbg, no tag. Pumped 25 sx C cmt @ 4,730'. POOH w/ 30 stands and WOC 3½ hrs. RIH w/ tbg, no tag. Called OCD, Johnny, pumped LCM pill w/ 50# cellophane & mud followed by an additional 25 sx C cmt @ 4,730', caught circulation on displacement. POOH w/ tbg, SDFN.

RT: 8:00 – 4:00 8.0 hrs CRT: 45.0 hrs

02/01/05 Tuesday

No work due to snow.

RT: 0:00 – 0:00 0.0 hrs CRT: 45.0 hrs

02/02/05 Wednesday

Notified NMOCD, Buddy Hill on location. **#1 3½" string**: SICP 150 psi. 2⅝" SICP 0 psi. 2⅝" on vacuum. **#2 3½" string**: SICP 0 psi. **#2 3½" string**: RIH w/ tbg, tagged cmt @ 4,295'. RU cementer and circulated hole w/ mud, POOH w/ tbg to 2,458'. Loaded hole and pressure-tested #2 string to 1,100 psi, held. RU pump on #1 string and established circulation to surface up 2⅝" casing, no communication to 10¾" casing. Pumped 25 sx C cmt 2,458 – 1,783'. POOH w/ tubing. RU pumped to 2⅝", unable to establish rate at 2,000 psi. RU pump to 2⅝" and pumped down 2⅝" taking full returns up #1 3½" string. RIH w/ wireline in 2⅝", tagged @ 1,750', POOH w/ wireline. RIH w/ wireline in 2⅝", tagged @ 4,713', POOH w/ wireline. RIH w/ wireline in #1 3½" and tagged @ 4,709', POOH w/ wireline. SDFN.

RT: 7:00 – 5:00 10.0 hrs CRT: 55.0 hrs

Daily Activity Report



Apache Corporation
State NJ "A" #3
Lea County, New Mexico

page 2 of 2
Job #4771

02/03/05 Thursday

Notified NMOCD, Buddy Hill on location. **2 $\frac{3}{8}$ " string:** NU and PU notched collar and RIH on 1" CS Hydril L80 rental tubing to 1,742'. RU cementer and circulated hole. Continued washing downhole to 1,900', unable to wash down. PUH w/ 15 jts. SDFN. Will RU power swivel & reverse unit in a.m.
RT: 8:00 – 6:30 10.5 hrs CRT: 65.5 hrs

02/04/05 Friday

Notified NMOCD, Buddy Hill on location. **2 $\frac{3}{8}$ " string:** RIH w/ 1" CS Hydril L80 workstring. Tagged at 1,864'. RU reverse unit & power swivel. Drilled/washed down 1,864 – 2,117'. Fell thru scale. Continued in hole to 2,212'. Washed w/ swivel. Tagged at 2,844', PU swivel, drilled/washed to 3,002'. Drilling 2 hrs @ 3,002', unable to make hole. Contacted Gary Wink w/ OCD, ok'd plugging from 3,002'. RD swivel & reverse unit. RU cementer and pumped 10 sx C cmt @ 3,002', POOH w/ tbq to 1,422', circulated hole clean. SI well, SD for weekend.
RT: 8:00 – 7:00 11.0 hrs CRT: 76.5 hrs

02/07/05 Monday

Notified NMOCD, Johnny. **2 $\frac{3}{8}$ " string:** RIH w/ 1" tubing, tagged at 2,560'. POOH to 2,468' and pumped 10 sx C cmt 2,468 – 1,678'. POOH w/ tbq. RU cementer on **2 $\frac{7}{8}$ " tubing** and established rate of 1 BPM @ 500 psi w/ full returns in **#1 3 $\frac{1}{2}$ " string**. Pumped 185 sx C cmt down 2 $\frac{7}{8}$ " and displaced to 1,700'. SI and WOC. RIH w/ wireline in 2 $\frac{7}{8}$ " and tagged cmt @ 1,680', POOH w/ wireline. RIH w/ cutter in 2 $\frac{7}{8}$ " tbq, unable to get past 465' due to paraffin. POOH w/ cutter. RIH w/ wireline and cut both 3 $\frac{1}{2}$ " strings and 2 $\frac{3}{8}$ " string at 1,100', POOH w/ wireline. RIH w/ paraffin knife on 2 $\frac{7}{8}$ ", made four runs and cleaned out 2 $\frac{7}{8}$ ", RD sandline. RIH w/ cutter and cut 2 $\frac{7}{8}$ " and 1,100', POOH w/ wireline. RD wireline. SDFN.
RT: 9:00 – 6:30 9.5 hrs CRT: 86.0 hrs

02/08/05 Tuesday

Notified NMOCD, Gary Wink. ND wellhead, unable to move #1 or #2 3 $\frac{1}{2}$ " strings. RU pump on #2 string, full returns up 2 $\frac{7}{8}$ " string, unable to pump in to 2 $\frac{3}{8}$ " string @ 500 psi. RU wireline and perforated 2 $\frac{3}{8}$ " @ 1,100', POOH w/ wireline. Pumped down 2 $\frac{3}{8}$ " tubing, taking returns in #1 string, no returns in #2 or 2 $\frac{7}{8}$ ". Called OCD, Gary Wink, ok'd placing cement. Pumped 25 sx C cmt w/ 1% CaCl₂ down 2 $\frac{7}{8}$ " & displaced w/ 4 bbls. SI 3 $\frac{1}{2}$ " & 2 $\frac{7}{8}$ " and WOC. Established rate down #1 3 $\frac{1}{2}$ " string taking returns on 2 $\frac{3}{8}$ " and pumped 25 sx C cmt, displacing w/ 6 bbls. WOC 2 hrs and RIH w/ wireline on 2 $\frac{3}{8}$ " string, tagged cmt @ 675', PUH and cut 2 $\frac{3}{8}$ " @ 308', POOH w/ wireline. RIH w/ wireline on 2 $\frac{7}{8}$ " string, tagged cmt @ 725', PUH and cut 2 $\frac{7}{8}$ " @ 308', POOH w/ wireline. RIH w/ wireline on #2 3 $\frac{1}{2}$ " string and tagged cmt @ 790', PUH and cut #2 3 $\frac{1}{2}$ " string @ 308', POOH w/ wireline. RIH w/ wireline on #1 3 $\frac{1}{2}$ " string and tagged cmt @ 700', PUH and cut #1 3 $\frac{1}{2}$ " string @ 308', POOH w/ wireline.
RT: 8:00 – 6:00 10.0 hrs CRT: 96.0 hrs

02/09/05 Wednesday

Notified NMOCD, Buddy Hill. ND wellhead, POOH w/ 2 $\frac{7}{8}$ " tubing, standing back 10 jts. POOH w/ 10 ts 2 $\frac{3}{8}$ " tubing. Changed tools to 3 $\frac{1}{2}$ " and POOH laying down both 3 $\frac{1}{2}$ " strings, total 20 jts. NU crossover flange and BOP. RIH w/ 2 $\frac{7}{8}$ " to 308'. Loaded hole w/ mud and pumped 60 sx C cmt w/ 3% CaCl₂ @ 308'. POOH w/ tbq and WOC 2 $\frac{1}{2}$ hrs. RIH w/ tbq, tagged cmt @ 169', POOH w/ tbq to 50'. Pumped 20 sx C cmt 50' to surface. POOH w/ tbq, RDMO to State NJ "A" #1.
RT: 8:00 – 4:00 8.0 hrs CRT: 104.0 hrs