

Form 3160-5
(June 1990)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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

5. Lease Designation and Serial No.

JAT 124

6. If Indian, Allottee or Tribe Name

Jicarilla Apache
Tribe

7. If Unit or CA, Agreement Designation

J.C. Apache Tr. 124

8. Well Name and No.

6

9. API Well No.

3003922407

10. Field and Pool, or Exploratory Area

W. Lindrith Gal/Dak

11. County or Parish, State

Rio Arriba, NM

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Apache Corporation

3. Address and Telephone No.

2855 Southside River Rd. Suite A Farmington, NM 87401

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

800' FNL 1720' FEL

NWNE Sec 24 T25N R4W Rio Arriba Co., NM

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent☐ Subsequent Report☐ Final Abandonment Notice

TYPE OF ACTION

☒ 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.)*

Apache Corporation proposes to P&A this well per the attached procedure.

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

Signed

Title

Sr. Production Foreman

Date

10-30-02

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

10-30-02

JAT 124 #6 Proposed P+A Procedure

All cmt - Class B 15.6 #/gal 1.18 yield

All space fluid - water

Csg has developed a hole - unknown depth. Fluid level @ 2800'.
2 7/8" tbg workstring.

1. MIRU A Plus P+A package. T/H, tag fill. TOH to 6900'.
2. Break circulation with water, cmt across Gallup with 50 sx (59.0 ft^3), leaving the cmt from 6458' to 6900'. TOH to 6000'. WOC 2 hrs. (Btm of tbg is perf sub, bull plug)
3. Hook pump truck to bradenhead. Attempt to pump into bradenhead - 500 PSI max. If bradenhead takes fluid, will be perforating csg @ 360' and cmt'ing back to surface after other cmt plugs are set. If bradenhead pressure tests - no perforating - set inside cmt plug later.
4. T/H, tag Gallup cmt top. If top is below 6677', set another cmt plug.
5. TOH to 5250'. Break circ, spot 30 sx (35.4 ft^3) across MV top @ 5161' from 4985' to 5250'. TOH to 4500'. WOC.
6. T/H, tag cmt, spot more cmt if needed to cover MV top.
7. TOH to 3550'. Break circ, spot 85 sx (100.3 ft^3) across PC top, up to cover Ojo Alamo top from 2800' to 3550'. TOH to 2300'. WOC.
8. T/H, tag cmt, spot more cmt if needed to cover Ojo Alamo top.
9. Press test csg to 500 PSI, determine in hole in csg has been cmt'd.
10. TOH to 1450'. Spot 18 sx (21.2 ft^3) across Nacimiento top @ 1376' from 1291' to 1450'. If csg press, tested, no WOC. If not, WOC, tag cmt. Pump more cmt if needed.
11. Depending on results of bradenhead pressure testing in Step 3;
 - a. If pressure tested, TOH w/ tbg to 360'. Circ cmt from 360' to surface. TOH. Cut off wellhead, fill voids, install P+A marker.
 - b. If bradenhead can be pumped into, perf csg @ 360'. Pump down 5 1/2" csg with water, break circ. Cmt down 5 1/2", circ to surface. (Approx. 100 sx cmt.) Cut off wellhead, fill voids w/ cmt. Install P+A marker.
12. Remediate location.

JAT 124 #6

10-30-02

NWNE Sec 24 T25N R4W
Rio Arriba, NM

Proposed Wellbore Diagram

API 3003922407

5 1/2" 15.5 # L-55 CSG

1st stage

- 150 sx 50-50 POZ w/ 6% gel

@ 1.48 = 222 ft³

- 365 sx class B

@ 1.18 = 431 ft³

2nd stage

- 850 sx 65-35 POZ w/ 6% gel

@ 1.57 = 1334 ft³

- 100 sx class B

@ 1.18 = 118 ft³

1st stage = 3769' x .75 = 2826'

(cmt is from 5232' to 8060')

2nd stage = 8381' x .75 = 6286'

(cmt is from surface to 5878')

Formation Tops from JAT 124 #5

(Unit H) Sec 23, T25N, R4W

(per Brian Davis 10-29-02)

use these tops for 124 #6)

Nacimiento 1376'

Ojo Alamo 2930'

Kirtland 3137'

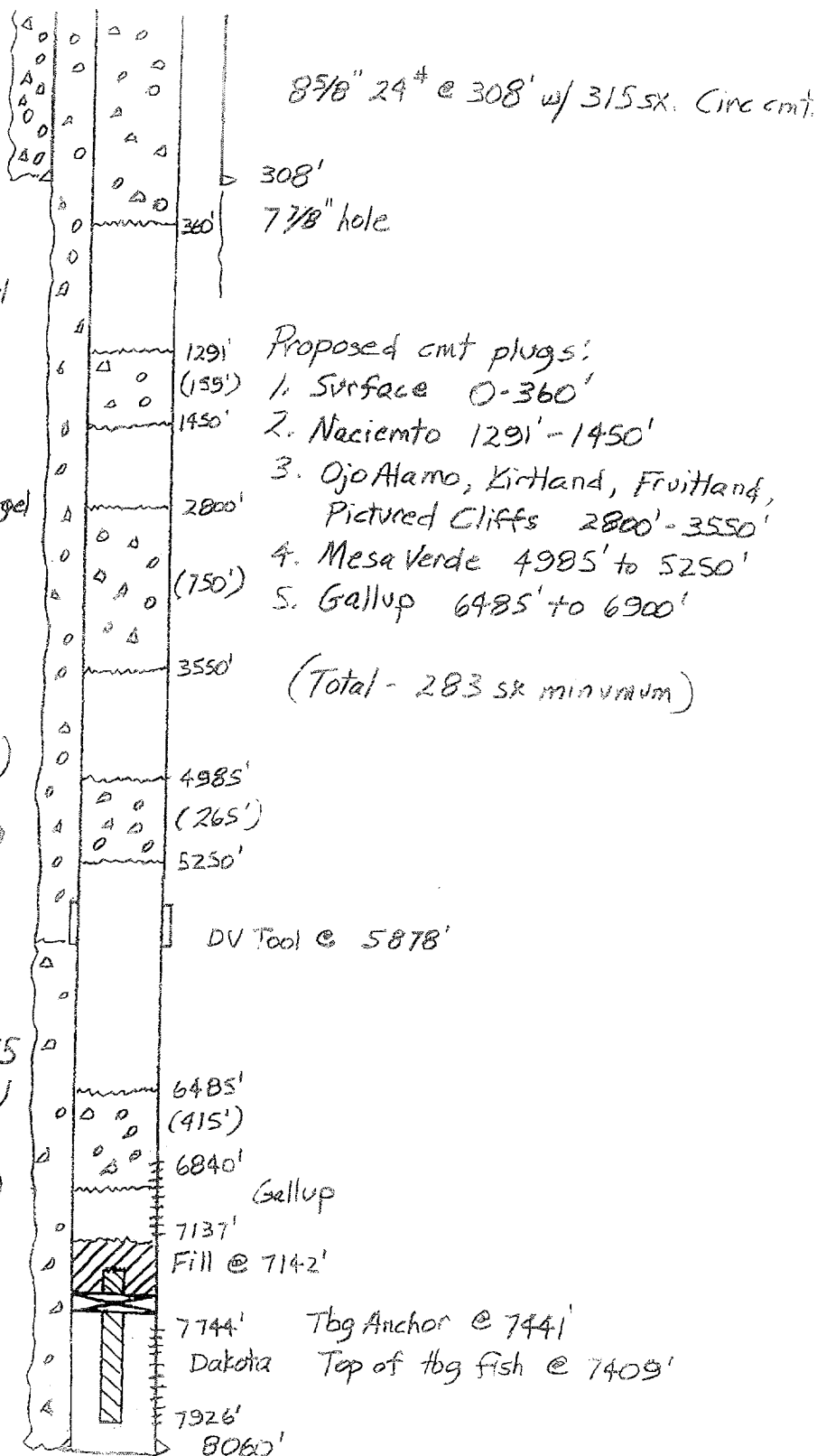
Fruitland 3360'

Pictured Cliffs 3496'

Mesa Verde 5161'

Gallup 6777'

Dakota 7668'



Proposed cmt plugs:

1. Surface 0-360'

2. Nacimiento 1291'-1450'

3. Ojo Alamo, Kirtland, Fruitland, Pictured Cliffs 2800'-3550'

4. Mesa Verde 4985' to 5250'

5. Gallup 6485' to 6900'

(Total - 283 sx minimum)

Apache Corporation

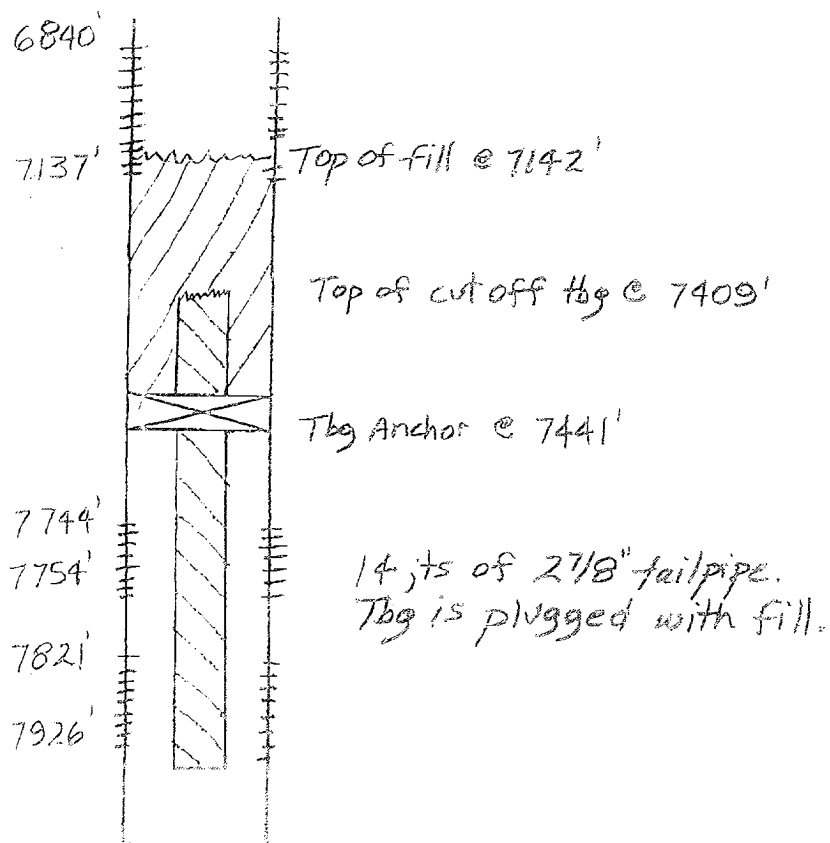
JAT 124-6

Workover Operations

10-20-02 CSG gas press went to zero PSI. Suspect hole in CSG on rod pumping well.

10-22-02 Move in rig. Pull rods, pump. Pull on tbg - stuck. Freepoint tbg - tbg anchor and 30' of tbg stuck. Cut off tbg 32' above TA. FL @ 2800'. Pick up washpipe, TIT to 5100'. Unload well w/ compressed air - dark grey water. TIT, tagged fill @ 7142'. Attempt to unload well w/ comp. air - too much hydrostatic. Attempt to TDH, washpipe stuck. Work free, had to work pipe to 5900', pulled free. TDH, lay down washpipe.

Decision made to not attempt workover of cementing hole in CSG - too poor of economics. PTA the well prior to Dec 31, 2002.



BLM CONDITIONS OF APPROVAL

The following surface rehabilitation Conditions of Approval must be complied with as applicable, before this well can be approved for final abandonment (see 43 CFR 3162.3-4). Surface rehabilitation work shall be completed within one year of the actual plugging date. Notification for completion of this work can be submitted with a Sundry Notice. Questions? Call Pat Hester at (505) 761-8786.

1. All fences, production equipment, purchaser's equipment, concrete slabs, deadman (anchors), flowlines, risers, debris and trash must be removed from the location. Non-retrieved flowlines and pipelines will be abandoned in accordance with State Rule 714. Information supporting the non-retrieval will be included in the subsequent report or final abandonment Sundry Notice.

2. Production pits will be closed according to the Unlined Surface Impoundment Closure Guidelines, as approved in the Environmental Assessment of December 1993. Any oil stained soils can be remediated on-site according to these guidelines or disposed of in an approved facility.

3. The well pad will be shaped to the natural terrain and left as rough as possible. All compacted areas and areas devoid of vegetation shall be ripped to a minimum of 12" in depth before reseeding.

4. Access roads will be shaped to conform to the natural terrain and left as rough as possible to deter vehicle travel. Access will be ripped to a minimum of 12" in depth, water barred and reseeded. All erosion problems created by the development must be corrected prior to acceptance of release. Water bars should be spaced as shown below along the fall line of the slope:

% Slope	Spacing Interval
Less than 20%	200'
2 to 5 %	150'
6 to 9 %	100'
10 to 15 %	50'
Greater than 15%	30'

5. All disturbed areas will be seeded with the prescribed certified seed mix (reseeding may be required). Seed mix must be certified weed free to avoid the introduction of noxious weeds. Refer to the original APD for seed mix.

6. Notify Surface Managing Agency seven (7) days prior to seeding so that they may be present to witness.

7. The period of liability under the bond of record will not be terminated until the well is inspected and the surface rehabilitation approved.

Other Surface Managing Agencies (SMA's) may vary slightly in their restoration requirements. It is your responsibility, as the operator, to obtain surface restoration requirements from other SMA's. We need to be provided with a copy of these requirements. Any problems concerning stipulations received from other SMA's should be brought to us.

On private land, a letter from the fee owner stating that the surface restoration is satisfactory will be provided to the office. Questions? Call Pat Hester at (505) 761-8786.

IN REPLY REFER TO
3162.3-1 (017)

UNITED STATES DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT
Albuquerque Field Office
435 Montano N.E.
Albuquerque, New Mexico 87107

Company Apache Corporation

Well No. Jicarilla Contract 124 No. 6

Location 800' FNL & 1720' FEL Sec. 24, T25N, R4W, NMPM

Lease No. Jicarilla Contract 124

Government Contacts:

Bureau of Land Management , Albuquerque Field Office Office 505.761.8700
Manager: Steve Anderson, Assistant Field Manager 505.761.8982
Petroleum Engineer: Brian W. Davis 505.761.8756, Home 505.323-8698,
Pager 505.969.0146, Cell 505.249.7922,
Petroleum Engineering Technician: **Bryce Hammon, Office 505.759.1823, x-31, Cell 505.320.9741**
BLM Geology / Environmental Contact: Patricia M. Hester 505.761.8786

GENERAL REQUIREMENTS
FOR
OIL AND GAS OPERATIONS FEDERAL & INDIAN LEASES

1. Plugging operations authorized are subject to the "General Requirements for Permanent Abandonment of Wells on Federal and Indian Leases."
2. For wells on Indian leases, Bryce Hammond with the Jicarilla Nation Tribal Oil and Gas Office is to be notified at least 24 hours (48 hours if possible) before the plugging operations commence. His phone number is (505) 759-1823, x-31 office, (505) 320-9741 cell. Office hours are 7:45 a.m. to 4:30 p.m.
3. Blowout prevention equipment is required.
4. The following modifications to your plugging program are to be made :

N/A