

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**

**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well

☐ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

CONOCOPHILLIPS CO.

3a. Address

P.O. BOX 2197 WL3 6108 HOUSTON TX 77252

3b. Phone No. (include area code)

(832)486-2326

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

990 NORTH 990 WEST

UL: D, Sec: 19, T: 26N, R: 3W

5. Lease Serial No.

JIC 98

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

APACHE 3

9. API Well No.

30-039-20198

10. Field and Pool, or Exploratory Area

WILD HORSE GALLUP

11. County or Parish, State

RIO ARRIBA

NEW MEXICO

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

**TYPE OF SUBMISSION**

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

**TYPE OF ACTION**

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☒ Plug and Abandon

☐ Plug Back

☐ Production (Start/ Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☐ Other

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

ConocoPhillips proposes to plug and abandon this well as per the attached procedure. Also attached is a current and proposed wellbore schematic.



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

Name (Printed/Typed)

DEBORAH MARBERRY

Title

REGULATORY ANALYST

Signature

Date

06/06/2005

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Original Signed: Stephen Mason

Title

Date

JUN 10 2005

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

NMOC

## PLUG AND ABANDONMENT PROCEDURE

May 27, 2005

### Apache #3

Basin Dakota / Wild Horse Gallup  
990' FNL, 990' FWL, Section 19, T26N, R3W  
Rio Arriba County, New Mexico, API 30-039-20198  
Lat: 36° 28' 35.472" N / Long: 107° 15' 25.8" W

Note: All cement volumes use 100% excess outside pipe and 50' excess inside. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be ASTM Type III, mixed at 14.8 ppg with a 1.32 cf/sx yield.

1. Install and test rig anchors. Prepare blow pit. Comply with all NMOCD, BLM and ConocoPhillips safety rules and regulations. Conduct safety meeting for all personnel on location. MOL and RU daylight pulling unit. NU relief line and blow well down; kill with water as necessary. ND wellhead and NU BOP and stripping head; test BOP.
2. TOH and tally 2.375" tubing, total 7802'. Visually inspect tubing and if necessary use a workstring. Round-trip 5.5" casing scraper or gauge ring to 7830' or as deep as possible.
3. **Plug #1 (Dakota and Gallup perforations, 7826' – 7310')**: TIH and set 5.5" cement retainer at 7826'. Pressure test tubing to 1000#. Load casing with water and attempt to circulate the well clean. Mix 70 sxs Type II (Class B) cement, (long plug, 25% excess) and spot above CR to isolate Dakota perforations and to fill the Gallup perforations. TOH with tubing and WOC. TIH and tag cement. Pressure test casing to 800#. *If casing does not test, then spot or tag subsequent plugs as appropriate.* PUH to 6843'.
4. **Plug #2 (Gallup top, 6843' - 6743')**: Mix 16 sxs Type III cement and spot a balanced plug inside the casing to cover Gallup top. PUH to 5397'.
5. **Plug #3 (Mesaverde top, 5397' – 5297')**: Mix 16 sxs Type III cement and spot a balanced plug inside the casing to cover the Mesaverde top. PUH to 4500'.
6. **Plug #4 (Chacra top, <sup>4668'</sup> 4500' – <sup>4588'</sup> 4400')**: Mix 16 sxs Type III cement and spot a balanced plug inside the casing to cover the Chacra top. PUH to 3722'.
7. **Plug #5 (Pictured Cliffs, Fruitland, Kirtland and Ojo Alamo tops, 3722' - <sup>3180</sup> ~~3235~~')**: Mix 55 sxs Type III cement and spot a balanced plug inside the casing to cover through the Ojo Alamo top. PUH to 2250'.
8. **Plug #5 (Nacimiento top, <sup>1981</sup> 2250' – <sup>1841</sup> 2150')**: Mix 16 sxs Type III cement and spot a balanced plug inside the casing to cover the Nacimiento top. TOH and LD tubing.
9. **Plug #7 (8.625" Casing shoe and surface, 261' – 0')**: Perforate 3 squeeze holes at 261'. Establish circulation out bradenhead with water, then circulate the BH annulus clean. Mix and pump 70 sxs cement down 5.5" casing to circulate good cement to surface. SI well and WOC.
10. ND BOP and cut off wellhead below surface casing flange. Install P&A marker with cement to comply with regulations. RD, MOL and cut off anchors. Restore location per BLM stipulations.

# Apache #3

## Current

Basin Dakota / Wild Horse Gallup

990' FNL & 990' FWL, Section 19, T-26-N, R-3-W

Rio Arriba County, NM / API #30-039-20198

Lat: N 36° 28' 35.472" / Long: W 107° 15' 25.8"

Today's Date: 5/27/05

Spud: 5/3/69

Dual Comp: 5/21/69

Elevation: 7007' GL

7019' KB

12.25" Hole

Nacimiento @ 2200'\*est

Ojo Alamo @ 3285'\*est

Kirtland @ 3365'\*est

Fruitland @ 3430'\*est

Pictured Cliffs @ 3672'

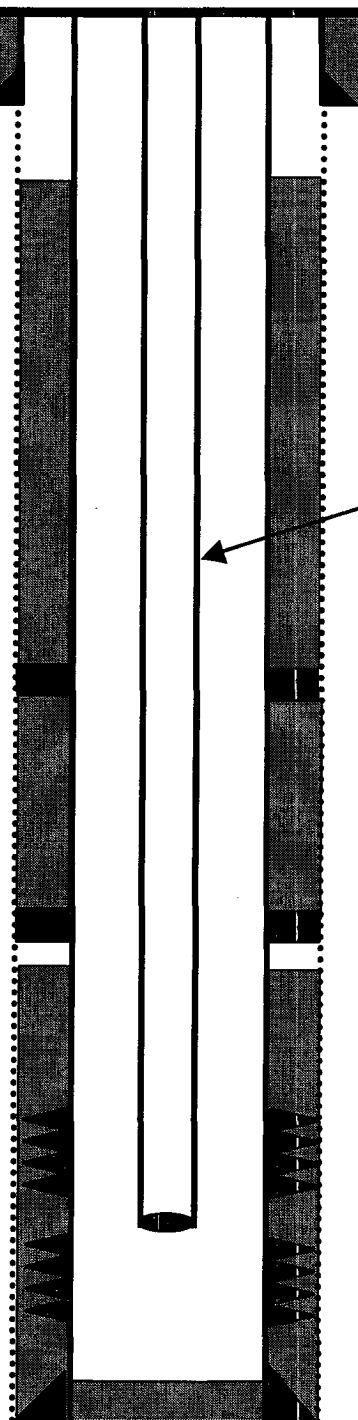
Chacra @ 4450' \*est

Mesaverde @ 5347'

Gallup @ 6793'

Dakota @ 7975'

7.875" Hole



8.625", 24# J-55 Casing set @ 211'  
175 sxs cement circulated to surface

Top of Cmt @ 400' (Calc, 75%)

### Well History

Jun '96: Change out tubing.

May '97: Wireline run shows PBTD to be 7802', assumed junk in hole.

2.375" Tubing set at 7802'  
(EUE with SN at 7398')

DV Tool @ 3790'  
Cmt with 560 sxs (786 cf)

Top of Cmt @ DV Tool (Calc, 75%)

DV Tool @ 5978'  
Cemented with 375 sxs (524 cf)

Top of Cmt @ 6000' (Calc, 75%)

Gallup Perforations:  
7410' - 7419'

Dakota Perforations:  
7876' - 8058'

5.5" 14#/15.5#/17# K-55 Casing @ 8090'  
Cemented with 325 sxs (480 cf)

TD 8100'  
PBTD 7802'

# Apache #3

## Proposed P&A

Basin Dakota / Wild Horse Gallup

990' FNL & 990' FWL, Section 19, T-26-N, R-3-W

Rio Arriba County, NM / API #30-039-20198

Lat: N 36° 28' 35.472" / Long: W 107° 15' 25.8"

Today's Date: 5/27/05

Spud: 5/3/69

Dual Comp: 5/21/69

Elevation: 7007' GL

7019' KB

12.25" Hole

Nacimiento @ 2200'\*est.

Ojo Alamo @ 3285'\*est.

Kirtland @ 3365'\*est.

Fruitland @ 3430'\*est.

Pictured Cliffs @ 3672'

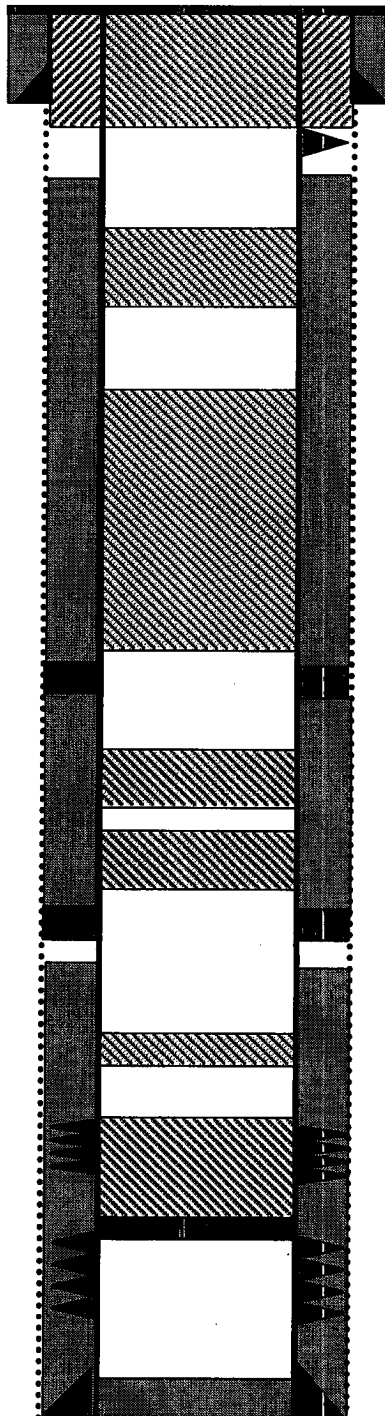
Chacra @ 4450' \*est.

Mesaverde @ 5347'

Gallup @ 6793'

Dakota @ 7975'

7.875" Hole



8.625", 24# J-55 Casing set @ 211'  
175 sxs cement circulated to surface

Perforate @ 261'

Plug #7: 261' - 0'  
Type III cement, 70 sxs

Top of Cmt @ 400' (Calc, 75%)

Plug #6: 2250' - 2150'  
Type III cement, 16 sxs

Plug #5: 3722' - 3235'  
Type III cement, 55 sxs

DV Tool @ 3790'  
Cmt with 560 sxs (786 cf)

Top of Cmt @ DV Tool (Calc, 75%)

Plug #4: 4500' - 4400'  
Type III cement, 16 sxs

Plug #3: 5397' - 5297'  
Type III cement, 16 sxs

DV Tool @ 5978'  
Cemented with 375 sxs (524 cf)

Top of Cmt @ 6000' (Calc, 75%)

Plug #2: 6843' - 6743'  
Type II cement, 16 sxs

Gallup Perforations:  
7410' - 7419'

Set Cmt Ret @ 7826'

Dakota Perforations:  
7876' - 8058'

Plug #1: 7826' - 7310'  
Type II cement, 70 sxs  
(25% excess, long plug)

5.5" 14#/15.5#/17#, K-55 Casing @ 8090'  
Cemented with 325 sxs (480 cf)

TD 8100'  
PBTD 7802'