

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NM OFF CONS COMMISSION

Draw, DD

Artesia, NM 89810 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

RECEIVED

1. Type of Well
Oil Gas
☐ Well ☒ Well ☐ Other
2. Name of Operator
SAMSON RESOURCES COMPANY
3. Address and Telephone No.
TWO WEST SECOND STREET TULSA, OK 74103 (918) 583-1791
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1687' FSL & 2041' FWL SEC. 19-22S-26E

5. Lease Designation and Serial No.

NMNM34246

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

PFI AMOCO "19" FEDERAL #2

9. API Well No.

30-015-25846

10. Field and Pool, or Exploratory Area

FILAREE DOME - DELAWARE

11. County or Parish, State

EDDY, NEW MEXICO

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.)*

PER ATTACHED

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

Signed [Signature]

Title District Engineer

Date August 26, 1994

(This space for Federal or State office use)

Approved by [Signature]

Title [Signature]

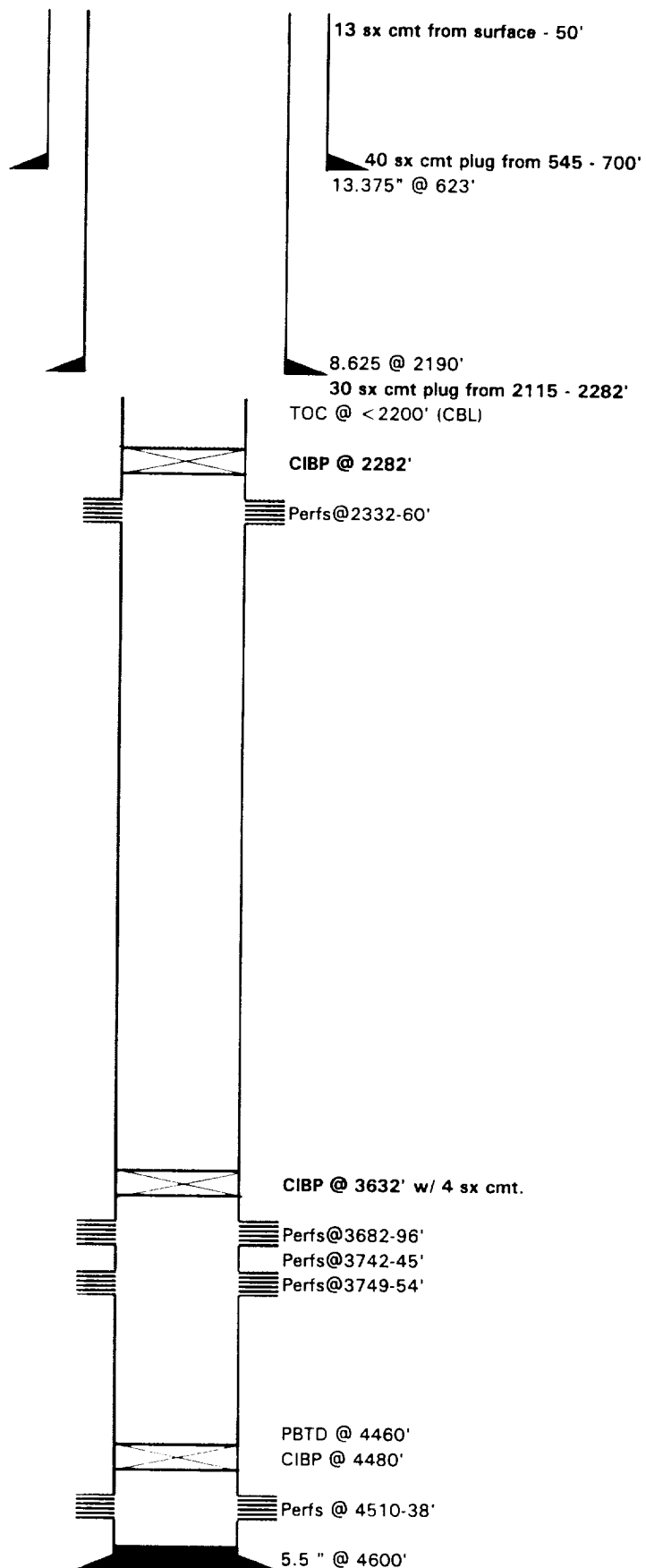
Date 9/29/94

Conditions of approval, if any: See attached.

Plug and Abandon
Amoco 19 Federal No. 2
Section 19-228-26E Eddy County, NM

1. MIRU workover rig with circulating pump and tank.
 2. ND tree. NU BOP.
 3. Release packer and POH with tbg and pkr.
 4. RUWL. Run and set CIBP at 3632'. Mix and dump 4 sx cement on top of CIBP. RDWL.
- ** NOTE : Use the following recipe for mixing all cement plugs :
- Class C cement with 6.3 gal water per sack, slurry
weight 14.8 ppg, yield 1.32 cu ft per sack**
5. RIH with muleshoe and tbg. Circulate hole full with 9 ppg mud (approx 86 bbls casing volume, w/o tbg). POH with tbg.
 6. RUWL. Run and set CIBP at 2282'. Determine freepoint of 5-1/2" casing at approximately 2200'. Cut and pull csg above FP. RDWL.
 7. RIH with tbg to 2275'. Spot 30 sx cement plug in the casing from the BP at 2282' to 2115' (2-7/8", 6.5#, J55 tbg vol 11.9 bbls, max overdisplacement 0.5 bbl). Pull tbg clear of cmt and reverse circulate tbg clean. POH with tbg.
 8. RU sand line. RIH and tag cmt plug at 2115'. RD sand line.
 9. RIH with tbg to 545'. Spot 40 sx cement plug in casing from 700' to 545' (tbg vol 2.9 bbls, max overdisplacement 0.5 bbl). Pull tbg clear of cmt and reverse circulate tbg clean. POH with tbg.
 10. RU sand line. RIH and tag cmt plug at 545'. RD sand line.
 11. RIH with tbg to 50'. Spot approx 13 sx cmt from 50' to surface. POH with tbg. ND BOP.
 12. RDMO workover rig.
 13. Cut off wellhead and install marker.
 14. Restore location.

Plug and Abandon
Amoco 19 Federal No. 2
 Section 19-22S-26E Eddy County, NM



Hole full of 9 ppg mud

BUREAU OF LAND MANAGEMENT
CARLSBAD RESOURCE AREA

Permanent Abandonment of Wells on Federal Lands

Conditions of Approval

1. Approval: Plugging operations shall commence within 90 days from the approval date of plugging procedure.

2. Notification: Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Eddy County call (505)887-6544 ; for wells in Lea County call (505) 393-3612.

3. Blowout Preventers: A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet ; and a 5M system for a well not deeper than 22,727 feet.

4. Mud Requirement: Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of water. Minimum nine (9) pounds per gallon.

5. Cement Requirement: Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final.

Unless otherwise specified in the approved procedure, the cement plug shall consist of either class "C" , for up to 7,500 feet of depth, mixed at 14.8 lbs./gal. with 6.3 gallons of fresh water per sack or class "H" , for deeper than 7,500 feet plugs, mixed at 16.4 lbs./gal. with 4.3 gallons of fresh water per sack.

6. Dry Hole Marker: All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). The well bore shall then be capped with a 4-inch pipe, 10-feet in length, 4 feet above ground and embedded in cement. The following information shall be permanently inscribed on the dry hole marker: Well name and number, the name of the operator, the lease serial number, the surveyed location (the quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer; such as metes and bounds).

7. Subsequent Plugging Reporting: Within 30 days after plugging work is completed, file one original and five copies of the Subsequent Report of Abandonment, Form 3160-5 to BLM. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. Show date well was plugged.

Following the submittal and approval of the Subsequent Report of Abandonment, surface restoration conditions of approval will be developed and furnished to you.