

RECEIVED

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDY 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

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Santa Fe Energy Resources, Inc.

3. Address and Telephone No.

550 W. Texas, Suite 1330, Midland, TX 79701 915/687-3551

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

1500' FSL & 1500' FWL, Sec. 25, T-21S, R-23E

5. Lease Designation and Serial No.

NM-070522A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Indian Basin "F"
Federal #1

9. API Well No.

30-015-10710

10. Field and Pool, or exploratory Area

Indian Basin (Upper Penn)
Assoc.

11. County or Parish, State

Eddy 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 Deepen
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Non-Reservoir Injection
☐ Dispose Well

(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 start and proposed completion. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

8/25/94: Squeezed perms 7400'-7404' w/ 75 sx C1 H.

8/26/94: Squeezed perms 7400'-7404' w/ 150 sx C1 H. Set EZ d. cmt retainer @ 7400'.

Squeezed perms 7400'-7404' w/ 200 sx C1 C + 8% gel, 2% CaCl2 followed by 500 gal NaSo4.

8/27/94: Tested squeeze to 1000 psi, ok. RIH w/ bit and drill out cmt retainer. Drilled to new hole to 7885'. Ran 14 jts 4-1/2" as liner and set at 7870'. Top of liner @

9/22/94: 7238'. Cemented liner w/ 50 sx C1 H. Logged from PBD to 7000'. Perforated 7722'-7750' w/ 1 shot every 2 feet & 180 deg phasing. Acidized w/ 8000 gals 20% gel acid and 30 ball sealers.

9/24/94: Swabbed 14 runs & recovered 8 BO and 124 BW. Tbg would blow gas for 20-30 min after each run.

9/28/94: Acidized w/ 5000 gals 20% gelled acid. Swabbed small amount of oil & 106 BW. Good gas blow after each run.

10/4/94: Perf'd 7478'-7496'. Acidized w/ 2500 gals 20% HCl gelled acid & 20 ball sealers.

10/7/94: After 3 days of swab testing and recovering only 1% oil cut w/ tail gas, the well was SI pending further evaluation.

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

Signed

Jerry McCullough

Sr. Production Clerk

Date March 4, 1996

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

J. Lane