

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil & Gas Division
P.O. Box 1980
Hobbs, NM 88241
FORM 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

1. Type of Well

X

Oil Well Gas Well Other

2. Name of Operator

Santa Fe Energy Resources Inc.

3. Address and Telephone No.

P.O. Box 2327 Carlsbad, N.M. 88221, 505-887-0821

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

NENE 18-T23S-R32E-M NMPM

5. Lease Designation and Serial No.

NM86151

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Tom Cat 18 Federal

9. API Well No.

30-025-33364

10. Field and Pool, or exploratory Area

Sand Dunes Bone Springs

11. County or Parish, State

Lea, NM

RECEIVED
JUL 2 1997
BLM
ROSWELL, NM

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

TYPE OF SUBMISSION

TYPE OF ACTION

Notice of Intent

Abandonment

Change of Plans

X

Subsequent Report

Recompletion

New Construction

Non-Compliance # PAH-037-97

Plugging Back

Non-Routine Fracturing

Final Abandonment Notice

Casing Repair

Water Shut-Off

Altering Casing

Conversion to Injection

Other-

X 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.)

- Well is producing from the Bone Springs Formation
- Well produces less than 1 BWPD
- Please find attached water analysis
- Water is stored on location in 500 bbl. tank
- Water would be trucked from location to SWD when needed
- Hauled to Dorsate # 1, Permit # NMOCD SWD-247
Owner- Mesquite SWD, Sec 27, T25S, R28E, 1980' FNL & 660' FEL
- Alternate SWD... Dakota Resources State DU SWD, Sec 36, T22S, Permit NMOCD SWD-539

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

Signed

Mike Ables

Title

Area Superintendent

Date

6/24/97

(This space for Federal or State office use)
(ORIG. SGD.) DAVID R. GLASS

Approved by

Title

PETROLEUM ENGINEER

Date

JUL 03 1997

Conditions of approval, if any:

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.

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

*See Instruction on Reverse Side

**Laboratory Services, Inc.**

1331 Tasker Drive
Hobbs, New Mexico 88240
Telephone: (505) 397-3713

RECEIVED**JUL 2 1997****BLM
ROSOWELL, NM 1****Water Analysis****COMPANY** Santa Fe Energy**SAMPLE** Tom Cat**SAMPLED BY****DATE TAKEN** 6/17/97**REMARKS**

Barium as Ba 0

Carbonate alkalinity PPM 0

Bicarbonate alkalinity PPM 464

pH at Lab 7.16

Specific Gravity @ 60°F 1.082

Magnesium as Mg 1,450

Total Hardness as CaCO₃ 2,500

Chlorides as Cl 70,600

Sulfate as SO₄ 2,375

Iron as Fe 15.95

Potassium 10

Hydrogen Sulfide 0

Resistivity Ohms 0.101 @ 20.6° C

Total Dissolved Solids 112,250

Calcium as Ca 1,050

Nitrate 17.6

Results reported as Parts per Million unless stated

Langelier Saturation Index 0.71

Analysis by: Rolland Perry

Date: 6/19/97