

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ gas ☒ other ☐

2. NAME OF OPERATOR  
Santa Fe Energy Operating Partners, L.P.

3. ADDRESS OF OPERATOR  
500 W. Illinois, Suite 500, Midland, TX 79701

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 2466' FNL, 1980' FEL, Sec. 5,  
AT TOP PROD. INTERVAL: T-16S, R-34E  
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	<input type="checkbox"/>
ABANDON* <input type="checkbox"/>	<input type="checkbox"/>
(other) <u>Set &amp; cement 8 5/8" casing</u>	

5. LEASE

NM 57535

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

N.H. 5 Federal No. 1

9. WELL NO.

1

10. FIELD OR WILDCAT NAME

Hume Morrow

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 5, T-16S, R-34E

12. COUNTY OR PARISH

Lea

13. STATE

NM

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)

4143.5' GL

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. 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.)\*

Drilled 11" hole to 4543'. Ran 3459' of 8 5/8", 24.0 ppf, S80, ST&C and 1099' of 8 5/8" 28.0 ppf S80. Casing shoe at 4543'. Float collar at 4449'. Cemented with 1300 sx Dowell Lite III poz containing 10# salt/sk and 1/4# celloflake per sack (2549 cu.ft.) followed by 360 sx Class "C" containing 2% CaCl<sub>2</sub> (528 cu.ft.). Did not circulate cement to surface. Plug down at 8:30 AM 10/25/86. Ran temperature survey at 3:00 PM 10/25/86. Top of cement indicated at 1850'. Pick up 1" tubing. Ran 1" tubing to 771'. The 1" tubing could not be run deeper due to drilling rig limitations. Cemented from 771' to surface with 390 sx Class "C" containing 2% CaCl<sub>2</sub> (514 cu.ft.). Cement operation complete at 10:30 PM 10/25/86. Circulated 13 cu.ft. to surface. Test BOP equipment to 3000 psi. Test casing to 1500 psi. All held ok. Commence 7 7/8" hole at 4:00 AM 10/27/86.

Subsurface Safety Valve: Manu. and Type

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

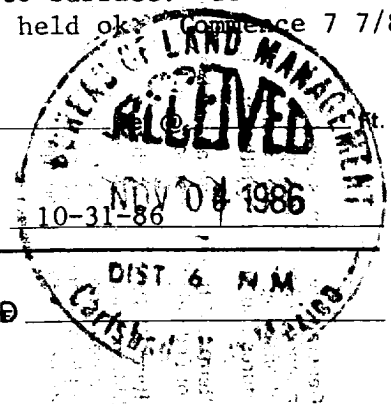
SIGNED Michael R. Banta TITLE Sr. Drilling Eng. DATE 10-31-86

(This space for Federal or State office use)

APPROVED BY  
CONDITIONS OF APPROVAL, IF ANY:

TITLE ACCEPTED FOR RECORD

NOV 6 1986



RECEIVED  
NOV 10 1986  
HOBBS OFFICE