

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Form approved, Budget Bureau No. 42-R358.1.

5. LEASE DETERMINATION AND SERIAL NO.

NM-78273

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Lucy Federal

9. WELL NO.

1

10. FIELD AND POOL OR WILDCAT

Lea Yates

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

Sec 14-20S-34E

12. COUNTY OR PARISH

Lea

13. STATE

NM

14. PERMIT NO.

DATE ISSUED

13. DATE SPICED 7-7-89 16. DATE T.D. REACHED 7-13-89 17. DATE COMPL. (Ready to prod.) 8-28-89 18. ELEVATION (HP, RKB, RT, OR, ETC.)* 3,642' GL 19. ELEV. Casinghead 3,642'

20. TOTAL DEPTH, MD & TVD 3,762' 21. PLUG BACK T.D., MD & TVD 3,742' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3464-3603 Yates 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN GR-DLL-MSFL FDC-LDT 27. WAS WELL CORED No

28. CASING RECORD (Report all strings set in well)

Table with columns: CASING SIZE, WEIGHT, LB./FT., DEPTH SET (MD), HOLE SIZE, CEMENTING RECORD, AMOUNT PULLED. Includes rows for 13 3/8 and 4 1/2 casing sizes.

29. LINER RECORD and 30. TUBING RECORD tables. Includes columns for SIZE, TOP (MD), BOTTOM (MD), BACKS CEMENT, SCREEN (MD), RISE, DEPTH SET (MD), PACKER SET (MD).

31. PERFORATION RECORD (Interval, size and number) and 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. Includes data for 3,580-3,603 and 3,464-3,496 intervals.

33. PRODUCTION table. Includes DATE FIRST PRODUCTION (9-5-89), PRODUCTION METHOD (pumping), WELL STATUS (prod.), DATE OF TEST (9-5-89), HOURS TESTED (24), CHOKED SIZE, PROD'N. FOR TEST PERIOD, OIL-BBL., GAS-MCF., WATER-BBL., OIL-GRAVITY-API (CORR.) (4150).

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) W. O. Phillips Connection TEST WITNESSED BY Dan Lough

35. LIST OF ATTACHMENTS Deviation Survey

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records. SIGNED: [Signature] TITLE: Petroleum Engineer DATE: 10-09-89

*(See Instructions and Spaces for Additional Data on Reverse Side)

RECEIVED

NOV 27 1999

COA
HOBBS OFFICE