

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTSUBMIT IN DUPLICATE*
(See other instructions on reverse side)FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

C15F

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

| | | | | | | | |
|---|-----------------|--|--|---|------------------------------------|--|-----------------|
| 1a. TYPE OF WELL: | | OIL WELL <input type="checkbox"/> | GAS WELL <input checked="" type="checkbox"/> | DRY <input type="checkbox"/> | Other _____ | | |
| b. TYPE OF COMPLETION: | | NEW WELL <input checked="" type="checkbox"/> | WORK OVER <input type="checkbox"/> | DEEP-EN <input type="checkbox"/> | PLUG BACK <input type="checkbox"/> | DIFF. REMVR. <input type="checkbox"/> | Other _____ |
| 2. NAME OF OPERATOR | | | | | | 3. ADDRESS AND TELEPHONE NO. | |
| LOUIS DREYFUS NATURAL GAS CORP. | | | | | | 14000 Quail Springs Pkwy., #600, Oklahoma City, OK 73154 | |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* | | | | | | 14. PERMIT NO. | |
| At surface 1650' FNL & 1450' FWL | | | | | | DATE ISSUED 3/25/97 | |
| At top prod. interval reported below | | | | | | 12. COUNTY OR PARISH | |
| At total depth | | | | | | Eddy | |
| 13. STATE | | | | | | NM | |
| 5. LEASE DESIGNATION AND SERIAL NO. | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME | | 7. UNIT AGREEMENT NAME | | 8. FARM OR LEASE NAME, WELL NO. | |
| NM NM 89154 | | | | | | Happy Valley "4" Federal #2 | |
| 9. API WELL NO. | | 10. FIELD AND POOL, OR WILDCAT | | 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA | | 12. COUNTY OR PARISH | |
| 30-018-29471 | | Carlsbad, South (Morrow) | | Unit F, Sec. 4-23S-26E | | Eddy | |
| 15. DATE SPUDDED | | 16. DATE T.D. REACHED | | 17. DATE COMPL. (Ready to prod.) | | 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* | |
| 8/19/97 | | 10/13/97 | | 12/9/97 | | 3380' GR | |
| 20. TOTAL DEPTH, MD & TVD | | 21. PLUG BACK T.D., MD & TVD | | 22. IF MULTIPLE COMPL., HOW MANY* | | 23. INTERVALS DRILLED BY | |
| 11,857.95' | | 11,670' | | | | Yes | |
| 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* | | | | | | 25. WAS DIRECTIONAL SURVEY MADE | |
| 11,501' - 11,508' | | | | | | No | |
| 26. TYPE ELECTRIC AND OTHER LOGS RUN | | | | | | 27. WAS WELL CORED | |
| Azimuthal Laterlog Micro-CFL, Three Detector Density/Compensated Neutron | | | | | | No | |
| 28. CASING RECORD (Report all strings set in well) | | | | | | | |
| CASING SIZE/GRADE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | TOP OF CEMENT, CEMENTING RECORD | | AMOUNT PULLED | |
| 13 3/8" | J-55, 54.5# | 525' | 17 1/2" | 650 sx., Surface | | | |
| 9 5/8" | J-55, 36# | 1500' | 12 1/4" | 1150 sx., Surface | | | |
| 7" | S-95, 23# | 9171' | 8 3/4" | 2325 sx., Surface | | | |
| 29. LINER RECORD | | | | 30. TUBING RECORD | | | |
| SIZE | TOP (MD) | BOTTOM (MD) | BACKS CEMENT* | SCREEN (MD) | SIZE | DEPTH SET (MD) | PACKER SET (MD) |
| 4 1/2" | 8962' | 11,856' | 350 | N/A | 2 3/8" | 11,410' | 11,410' |
| 31. PERFORATION RECORD (Interval, size and number) | | | | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. | | | |
| 11770' - 11772', 11774' - 11776' 4 ft. 18 holes. CIBP set @ 11720'. | | | | DEPTH INTERVAL (MD) | | | |
| 11501' - 11508' 7 ft. 15 holes | | | | 11770'-11776' | | | |
| | | | | 11501'-11508' | | | |
| | | | | AMOUNT AND KIND OF MATERIAL USED | | | |
| | | | | 1000 gal. 7 1/2% HCL, 65000 SCF N2. | | | |
| | | | | 48 bbls. 7 1/2% HCL, 2000 SCF N2. | | | |
| | | | | 54,000 gals. pad, 35,000# sand. | | | |
| 33. PRODUCTION | | | | | | | |
| DATE FIRST PRODUCTION | | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) | | | | WELL STATUS (Producing or shut-in) | |
| 1/3/98 | | Flowing | | | | Producing | |
| DATE OF TEST | HOURS TESTED | CHOKER SIZE | PROD'N. FOR TEST PERIOD | OIL—BBL. | GAS—MCF. | WATER—BBL. | GAS-OIL RATIO |
| 1/23/98 | 24 | 3/8" | → | -0- | 126 | 22 | N/A |
| FLOW. TUBING PRESS. | CASING PRESSURE | CALCULATED 24-HOUR RATE | OIL—BBL. | GAS—MCF. | WATER—BBL. | OIL GRAVITY-API (CORR.) | |
| 210 | | → | -0- | 126 | 22 | N/A | |
| 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) | | | | | | TEST WITNESSED BY | |
| Sold | | | | | | | |
| 35. LIST OF ATTACHMENTS | | | | | | | |
| Logs, Drilling report, deviation survey | | | | | | | |
| 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records | | | | | | | |
| SIGNED | | TITLE | | | DATE | | |
| [Signature] | | Regulatory Technician | | | 4/6/98 | | |

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

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

| FORMATION | TOP | BOTTOM | DESCRIPTION, CONTENTS, ETC. | GEOLOGIC MARKERS | | |
|-------------------|-------|--------|-----------------------------|------------------|-------------|------------------|
| | | | | NAME | MEAS. DEPTH | TRUE VERT. DEPTH |
| Delaware | 1820' | | | | | |
| Cherry Canyon | 2592 | | | | | |
| IDE | 2728 | | | | | |
| Amigos | 2984 | | | | | |
| Bone Spring | 5086 | | | | | |
| Wolfcamp | 8600 | | | | | |
| Strawn | 10208 | | | | | |
| Atoka | 10516 | | | | | |
| Morrow Clastic | 11240 | | | | | |
| L. Morrow | 11830 | | | | | |