5. LEASE

Form 9-331 Dec. 1973

NEA, 52500# 20/40 sand.

Drawer DD

Artesia, NM 88210

Form Approved. Budget Bureau No. 42-R1424

UNITED STATES

DEPARTMENT OF THE INTERIOR LC 064072 6. IF INDIAN, ALLOTTEE OR TRIBE NAME GEOLOGICAL SURVEY 7. UNIT AGREEMENT NAME SUNDRY NOTICES AND REPORTSREDITION FILLS (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.) 8. FARM OR LEASE NAME Robinson Federal gas well X well other 9. WELL NO. 2. NAME OF OPERATOR ARTESIA, OFFICE 10. FIELD OR WILDCAT NAME Martin Yates III Loco Hills-Crayburg 4.6.51 3. ADDRESS OF OPERATOR 11. SEC., T., R., M., OR BLK. AND SURVEY OR 207 South 4th St., Artesia, NM 88210 AREA 4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 Delow.) 990 FSL & 660 FWL, Sec. 35-17S-29E AT SURFACE: Unit M, Sec. 35-T17S-R29E 12. COUNTY OR PARISH 13. STATE AT TOP PROD. INTERVAL: NM Eddy AT TOTAL DEPTH: 14. API NO. 16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 15. ELEVATIONS (SHOW DF, KDB, AND WD) 3541' GR REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF: TEST WATER SHUT-OFF XFRACTURE TREAT SHOOT OR ACIDIZE REPAIR WELL (NOTE: Report PULL OR ALTER CASING change MULTIPLE COMPLETE CHANGE ZONES ABANDON\* (other) Production, Perforate, Treat OIL & GAS U.S. GEOLOGICAL SURVEY 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details Same give province to test 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.)\* TD 3400'. Ran 82 jts of 5-1/2" 14# casing set at 3400'. 1-regular guide shoe at 3400'. Float collar at 3360'. Cemented w/800 sacks 50/50 Poz, 5#/sack salt, .3% friction reducer and .3% fluid loss. Compressive strength of cement - 1050 psi in 12 hours. PD 6:30 PM 4-27-82. Bumped plug to 750 psi, released pressure and float held okay. WOC. WIH and perforated 3190-3268' w/11 .50" holes as follows: 3190, 3208, 19, 24, 28, 32, 40, 50, 57, 61 and 68'. RIH with 2-3/8" tubing and packer, broke circulation. Spot acid at 3280', set packer at 3160'. Treated w/1500 gallons 20% NEFE acid and 12 balls. Flowed well and swabbed back load water with show of oil and gas. Pulled tubing and packer and perforated 3187-3264 w/12 .50" holes as follows: 3187, 93, 97, 3216, 21, 25, 30, 34, 45, 52, 59 and 64'. Frac'd well with gelled 2% KCL water, 6000# 100 mesh in 3000 gallons pad and 1000 gallons 15%

Ft. Subsurface Safety Valve: Manu. and Type 18. I hereby certify that the foregoing is true and correct To dell TITLE Engineering Secty DA U.S. GEOLOGICAL SURVEY (This space for Federal or State office use) TROSWELL, NEW MEXICO APPROVED BY TITLE CONDITIONS OF APPROVAL, IF ANY: