5. LEASE

UNITED STATES DEPARTMENT OF THE INTERIOR

| DEPARTMENT OF THE INTERIOR | Contract 154 |
|--|---|
| GEOLOGICAL SURVEY | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME |
| GEOLOGIONE SOUTE | Jicarilla Apache |
| SUNDRY NOTICES AND REPORTS ON WELLS | 7. UNIT AGREEMENT NAME |
| (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 |
| 1. oil gas other Drilling | Jicarilla Apache 9. WELL NO. |
| | 14E |
| 2. NAME OF OPERATOR Marathon Oil Company | 10. FIELD OR WILDCAT NAME |
| 3. ADDRESS OF OPERATOR | , Basin Dakota |
| P.O. Box 2659 Casper, WY 82602 | 11. SEC., T., R., M., OR BLK. AND SURVEY OR |
| 4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 | AREA Sec. 34, T26N, R5W |
| below.) AT SURFACE: 1,850' FNL & 1,685' FWL Unit F | 12. COUNTY OR PARISH 13. STATE |
| AT TOP PROD. INTERVAL: | Rio Arriba New Mexico |
| AT TOTAL DEPTH: | 14. API NO. |
| 16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, | 30-039-22591 |
| REPORT, OR OTHER DATA | 15. ELEVATIONS (SHOW DF, KDB, AND WD) |
| REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF: | 6,566' GL, 6,579' KB |
| TEST WATER SHUT-OFF | HIGHERING CHINES, SIVE SUBSTITUTE LOCATIONS AND |
| PROGRESS REPOR | |
| See Attachment | s / Mill |
| From: <u>/6-28-8/</u> To: | DEC 1 = 19. OIL CON. COM. DIST. 3 |
| | |
| Subsurface Safety Valve: Manu. and Type | Set @ F |
| | |
| 18. I hereby certify that the foregoing is true and correct Drilling SIGNED TITLE Superintender | ent DATE November 13, 1981 |
| (This space for Federal or State o | ffice use) |
| APPROVED BY TITLE TOTALL CONDITIONS OF APPROVAL, IF ANY: | DATE _ ACCEPTED FOR RECORD |
| | NOV 3 0 1981 |
| *See Instructions on Reverse | Side FARMMOTON DIOTOIGE |
| - | FARMINGTON CISTRICT BY Sh |
| NWOCC | 01 |

.CARILLA APACHE #14E WELL HISTORY

10-28-81 6,128" MADE 470" IN MANCOS FORMATION. MW 9.1, VIS 48. DRLD TO 6,128".

10-29-81 6.585 MADE 457 IN BASAL NIOBRARA FORMATION. MW 9.1, VIS 52. DRLG AHEAD.

10-30-81 7,075" MADE 490" IN GRANEROS FORMATION. MW 9.1, VIS 50. DRLD TO 7,075".

10-31-81 7,196" MADE 121" IN DAKOTA FORMATION. MW 9.1, VIS 44. BIT NO 4, 7-7/8", SEC, S84F 113731, JETS 11/12/13, DEPTH IN 4,829", DEPTH OUT 7,125", 2,296 FT, 116-3/4 HRS, 19.6 FT/HR, CONDITION 8/E/1/4. DRLG AHEAD.

11-01-81 7,466 MADE 270 IN MORRISON FORMATION. MW 9.1, VIS 62. DRLD TO 7,466.

11-02-81 7,466" MADE O" IN MORRISON FORMATION. MW 9.1, VIS 60. PRESENTLY BUILDING VISC IN PITS & CIRC & COND HOLE.

11-03-81 7,466* MADE O* IN MORRISON FORMATION. MW 9.3+, VIS 85. CIRC & COND HOLE. HOLE CLEANED UP. RIGGED GO-WIRELINE. GO IN HOLE W/GR-SP-ILE LOG TOOL TO 7,464*. WIRE-LINE TD. RAN LOG TD TO SURF SHOE. RIH W/GR-FDC & CALIPER TD TO SURF SHOE, RAN GAMA RAY TO SURF.

11-04-81 7,466 MADE O' IN MORRISON FORMATION. RIG CSG CREW, RAN 45 JTS, 4-1/2", 11.6#, 8RD ST&C, 138 JTS, 10.5#, 8RD ST&C. RIG DOWELL CMT W/620 SKS LITE & 240 SKS CLASS "B". FLOAT DID NOT HOLD. HELD PRESS 1-1/2 HRS. DROPPED BOMB TO OPEN STAGE COLLAR.

11-05-81 7,466 MADE 0 IN MORRISON FORMATION. DROP BOMB @ 6:00 AM & CIRC DU COLLAR. CMT 2ND STAGE W/830 SKS, 50-50 POZ. HAD CMT RETURNS TO SURF. RIG RELEASED @ 2:30 PM, 11-04-81.

11-06-81 11-13-81 NO REPORT.

