5. LEASE

Tribal Contract #71

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Sinvh

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

| | Jicarilla Apache |
|--|--|
| SUNDRY NOTICES AND REPORTS ON WELLS | 7. UNIT AGREEMENT NAME |
| SUMURI MUTICES AND INCI ONTO 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.) | 8. FARM OR LEASE NAME |
| | Jicarilla Tribal Contract #71 |
| 1. oil gas other | 9. WELL NO. |
| Well | |
| 2. NAME OF OPERATOR | 2MH17Y = 110 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |
| Chace Oil Company, Inc. | 10. FIELD OR WILDCAT NAME |
| 3. ADDRESS OF OPERATOR | South Lindrith, Gallup-Dakota |
| 313 Washington, SE, Albuquerque, NM 87108 | 11. SEC., T., R., M., OR BLK. AND SURVEY OR |
| 4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 | AREA |
| below.) Unit 'D' - 635' FNL & 695 ' FWL | Section 3, T23N,R4W |
| AT SURFACE: | 12. COUNTY OR PARISH 13. STATE |
| AT TOP PROD. INTERVAL: 643 | Rio Arriba New Mexico |
| AT TOTAL DEPTH: | 14. API NO |
| 16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, | 하다 하 |
| REPORT, OR OTHER DATA | 15. ELEVATIONS (SHOW DF, KDB, AND WD) |
| NE, ON GIVEN EITH | The state of the s |
| REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF: | 7147' GL |
| TEST WATER SHUT-OFF | |
| FRACTURE TREAT | 선별왕인 보고 있다양된 |
| SHOOT OR ACIDIZE | - PF Com 19 miles |
| REPAIR WELL | (NOTE: Report results of multiple completion or zone |
| PULL OR ALTER CASING | change on Form 9-330) |
| MULTIPLE COMPLETE | - FJUN U.63984 ; |
| CHANGE ZONES | BUREAU OF LAND MANAGEMENT |
| ABANDON* | FARMINGTON DISOURCE AREA |
| | |
| DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly stat including estimated date of starting any proposed work. If well is d measured and true vertical depths for all markers and zones pertinent.) | te all pertinent details, and give pertinent dates, directionally drilled, give subsurface locations and |
| 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state including estimated date of starting any proposed work. If well is d | te all pertinent details, and give pertinent dates, litrectionally drilled, give subsurface locations and no tent to this work.)* The all pertinent details, and give pertinent of the transport |
| 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly statincluding estimated date of starting any proposed work. If well is different measured and true vertical depths for all markers and zones pertiner see Well History attached - Day #10 through Day #1. JUN 12 1984 OIL CON. DIV | te all pertinent details, and so entropy of elegation being and to this work.) The all pertinent details and so entropy of elegation of the set theory of elegation of this work. The all pertinent details, and so entropy of elegation of the set to this work. The all pertinent details, and so entropy of elegation of the elegat |
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6/1/84:

Day #10. Present operation: drilling. Depth today: 2459'. 24 hour footage: 1205'. Formation: sand and shale. Drill collars - No: 21. Size: 6. Bore: 2 1/4" Weight: 50,000#. Rotary - RPM: 70. Weight on bit: 30,000# Present drilling rate: 50'/hr. Pump - Liner size: 5 1/2. Pressure: 1,000#. Strokes per minute: 58. Mud - Vis: 38. Wt.: 8.9. W. L.: 10.0. Mud additives: 58 gel, 2 soda ash, 1 thinner, 12 starch, 1 preservative, 1 caustic soda, 2 LCM, 20 barrels of oil. Deviation record: 1 1/2° @ 1254'; 1 1/2° @ 1346'; 1 1/4° @ 1499'; 1° @ 1809';

1/2° @ 2118'. Bit #3: 7 7/8", F2; 1267', 23 3/4 hours.

22 hours Drilling

1/4 hour RS $1 \frac{3}{4} \text{ hours}$ Surveys

6/2/84:

Day #11. Present operation: drilling. Depth today: 3220'. 24 hour footage: 761'. Formation: sand and shale. Drill Collars - No. 21. Size: 6. Bore: 24. Weight: 50,000#. Rotary - RPM: 65. Weight on bit: 35,000#. Present drilling rate: 40'/hr. Pump - liner size: 5½. Pressure: 1,000#. 58 strokes per minute. Mud - Vis: 38. Wt.: 8.8. W. L.: 8.2. Deviation record: 1/2° @ 2428'; 1 1/4° @2675'; 1 3/4° @ ____ (unable to read report); 2° @ 3198'. Bit #5: 7 7/8", F2; 1583', 27 hours. Bit #6: 7 7/8", CJ2; 545', 15 3/4 hours. 19 hours Drilling $1 \frac{1}{4}$ hours Surveys 3 1/4 hoursTrip for bit

6/3/84:

Day #12. Present operation: drilling. Depth today: 4050'. 24 hour footage: 830'. Drill collars - No: 21. Size: 6. Bore: 24. Weight: 50,000#. Rotary - RPM: 65. Weight on bit: 35,000#. Present drilling rate: 30'/hr. Pump - Pressure: 1,000#. 58 strokes per minute. Mud - Vis 38. Wt.: 9.0. W. L.: 9.0. Bit #6: 7 7/8", CJ2; 1375', 37 hours. Deviation surveys: 1 3/4° @ 3382' 1/2 hour RS. Check BOP. 1 1/4° @ 3690' 1 1/4 hours Survevs ١٥ @ 3966' 22 1/4 hours Drilling

6/4/84:

Day #13. Present operation: drilling. Depth today: 4670'. 24 hour footage: 620'. Formation: sand and shale. Drill collars: No: 21. Size: 6. Bore: 2½. Weight: 50,000#. Rotary - RPM: 65. Weight on bit: 35,000#. Present drilling rate: 25'/hr. Pump - Liner size: 5½. Pressure: 1,000#. Strokes per minute: 55. Mud - Vis: 38. Wt.: 8.9. W. L.: 8.6. Mud additives: 75 gel, 3 soda ash, 2 caustic soda, 8 starch, 3 thinner, 1 preservative, 40 barrels of oil. Deviation survey: 3/4° @ 4487'. Bit #4: 7 7/8", CJ2: 1996', 61 1/4 hours. 1/4 hour RS. Check BOP. 1/2 hour Surveys 23 1/4 hours

Drilling