

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-101
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

| |
|---|
| API NO. (assigned by OCD on New Wells) |
| 38-035-2641Z |
| 5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> |
| 6. State Oil & Gas Lease No. L-3556 |

| | | | | | |
|---|----------------|---|---------------|--|----------|
| APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK | | | | | |
| 1a. Type of Work: DRILL <input type="checkbox"/> RE-ENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> | | | | 7. Lease Name or Unit Agreement Name STATE FU | |
| b. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> | | | | 8. Well No. 2 | |
| 2. Name of Operator MERIDIAN OIL INC. | | | | 9. Pool name or Wildcat AIRSTRIIP SAN ANDRES | |
| 3. Address of Operator P.O. Box 51810, Midland, TX 79710-1810 | | | | | |
| 4. Well Location Unit Letter N : 960 Feet From The SOUTH Line and 1980 Feet From The WEST Line Section 25 Township 18-S Range 34-E NMPM LEA County | | | | | |
| 10. Proposed Depth TD 10,800', PBTD @ 8300' +/- CIBP | | | | 11. Formation SAN ANDRES | |
| 12. Rotary or C.T. — | | | | | |
| 13. Elevations (Show whether DF, RT, GR, etc.) 3967.5' GR | | 14. Kind & Status Plug. Bond BLANKET | | 15. Drilling Contractor | |
| 16. Approx. Date Work will start UPON APPROVAL | | | | | |
| 17. PROPOSED CASING AND CEMENT PROGRAM | | | | | |
| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | SACKS OF CEMENT | EST. TOP |
| 17-1/2" | 13-3/8" | 48# | 300' | 300 SX "C" | |
| 12-1/4" | 9-5/8" | 40# | 3999' | 1590 SX LT & "C" | |
| 8-3/4" | 5-1/2" | 17# & 20# | 10800' | 1970 SX LT & H | |

PLUG BACK FROM THE AIRSTRIIP WOLFCAMP, DHC-576 WITH THE AIRSTRIIP BONE SPRING TO THE AIRSTRIIP SAN ANDRES FIELD.

PLUG BACK PROCEDURE: TIH TO +/- 8300' AND SET CIBP.

RUN A GR DEPTH CONTROL LOG FROM 8600'-8200' AND FROM 6050'-5580', POOH.

RIH W/ 4" CASING GUNS AND PERFORATE THE SAN ANDREAS FROM: 5785'-5850' (2 SPF, 90 DEG PHASING, 130 HOLES)

TIH W/ 5-1/2" TREATING PACKER, 2.25" SN, AND +/- 5900' OF 2-7/8", 6.5# N-80 TUBING. PICKLE TUBING WITH 200 GALLONS OF 15% NEFE HCL ACID. SET THE PACKER AND TEST THE TUBING/CIBP TO 4200 PSI. SPOT 200 GALLONS OF 15% NEFE HCL ACID ACROSS PERFORATIONS.

(SEE PAGE 2 ATTATCHMENT FOR CONTINUATION)

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Maria L. Perez TITLE PRODUCTION ASST. DATE 7-22-92

TYPE OR PRINT NAME MARIA L. PEREZ TELEPHONE NO. 915-688-6906

(This space for State Use)
ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT I SUPERVISOR

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

JUL 24 9

STATE FU #2
AIRSTRIIP BONE SPRING FIELD
LEA COUNTY, NM

PAGE 2- CONTINUATION

RU SURFACE LINES AND TEST TO 5000 PSI. PLACE 1000 PSI ON 2-7/8" X 5-1/2" ANNULUS. MONITOR THROUGHOUT THE JOB. PUMP SPOT ACID AWAY AND CONTINUE WITH 6400 GALLONS OF 15% NEFE HCL ACID. SPACE OUT 195 RCNBS. DISPLACE ACID TO BOTTOM PERFORATION WITH TREATED 2% KCL WATER.

SWAB/FLOW TEST WELL. IF WELL IS PRODUCTIVE, CONTINUE WITH PRODEDURE, OTHERWISE CONTACT THE PRODUCTION ENGINEER FOR A T&A PROCEDURE.

KILL WELL WITH TREATED 2% KCL WATER.

TIH WITH PRODUCTION TUBING +/- 5750' OF 2-7/8". TIH WITH 2-1/2" X 1-1/2" X 24' RHBM.

SET AND INSTALL AN AMERICAN CONVENTIONAL 456-305-144 PUMPING UNIT WITH A 40 HP MOTOR. REPORT PRODUCTION VOLUMES.