to Appropriate District Office

State of New Mexico Submit 3 Copies Form C-103 Energy, Minerals and Natural Resources Department Revised 1-1-89 OIL CONSERVATION DIVISION DISTRICT I WELL API NO. P.O. Box 1980, Hobbs, NM 88240 P.O. Box 2088 30-025-27843 **DISTRICT II** Santa Fe, New Mexico 87504-2088 P.O. Drawer DD, Artesia, NM 88210 5. Indicate Type of Lease FEE STATE X DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410 6. State Oil & Gas Lease No. SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A 7. Lease Name or Unit Agreement Name DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.) LANGLIE JAL UNIT Type of Well: GAS WELL X WELL OTHER 2. Name of Operator 8. Well No. MERIDIAN OIL INC. # 98 3. Address of Operator 9. Pool name or Wildcat P.O. Box 51810, Midland, TX 79710-1810 LANGLIE MATTIX (SRQ) 4. Well Location : 1422' Feet From The SOUTH Unit Letter | Line and 1200 Feet From The EAST Line Section 32 Township 24S Range 37E NMPM LEA County 10. Elevation (Show whether DF, RKB, RT, GR, etc.) Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data 11. NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF: PERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL WORK **ALTERING CASING** TEMPORARILY ABANDON **CHANGE PLANS** COMMENCE DRILLING OPNS. **PLUG AND ABANDONMENT PULL OR ALTER CASING** CASING TEST AND CEMENT JOB OTHER: REFRAC SEVEN RIVERS & QUEEN OTHER: 12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103. 1. MI 100' 2 7/8" 6.5 PPF J55 TBG FOR WORKSTRING 2. MIRU PULLING UNIT. BLEED OFF ANY PRESSURE. ND PMPING TEE. NU BOP 3. POH W/RODS AND PMP. RELEASE TAC @ 3212' AND TAG BOTTOM. STRAP TBG OUT OF HOLE. IF BOTTOM PERFS ARE COVERED W/FILL, RIH W/BIT AND SCRAPER AND CLEAN OUT TO 3655'.(PBTD) 4. RU ACID ENGR. AND FLUIDIC TECHNOLOGIES INC. 5. PU AND RIH W/SONIC HAMMER, SHEAR SLEEVE, AND TBG CHECK VALVE ON 3650' OF 2 7/8". TEST SURFACE LINES TO 2000 PSI. 6. LOAD TBG AND TEST TOOL. PMP 7500 GLS PENTOL 250 (2% KCL MIXTURE ONLY - NO ACID) OVER PERFORATED INTERVALS (3208'-3224'AND 3391'-3650') PMP CHEMICAL ACROSS PERFORATIONS W/CSG VALVE OPEN AND THEN PMP REMAINDER WITH VALVE CLOSED. PASS TOOL ACROSS INTERVALS CONTINUOUSLY DURING OB. DISPLACE TO PERFS W/21 BBLS 2% KCL. 7. DROP SHEAR BALL. OPEN SHEAR SLEEVE AND CIRCULATE HOLE CLEAN W/2% KCL. POOH RIH W/5 1/2" 14 PPF TREATING PKR ON 2 7/8" TBG TO 3290'. TEST TBG TO 5000 PSI W/WATER WHILE RUNNING IN TH HOLE (ABOVE THE SLIPS). MIX AND PMP 200 GLS 100 PPG GEL PLUG DOWN BACKSIDE. SPOT GEL PLUG ACROSS UPPER PERFS (FROM €2989'-3280'). SET PKR AT 3290'. TEST BACKSIDE TO 200-500 PSI.

TITLE PRODUCTION ASSISTANT DATE 10/27/93 SKINATURE . TYPE OR PRINT NAME DONNA WILLIAMS TELEPHONE NO. 915-688-6943 (This space for State Use) ORIGINAL SIGNED BY JERRY SEXTON DISTRICT I SUPERVISOR OCT 29 1993

TITLE .

CONDITIONS OF APPROVAL, IP ANY:

APPROVED BY ---

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

If necessary, maintain 1/4 BPM injection rate on backside in order to keep pressure there during the frac job. Prepare to frac 3391'-3650' (92 holes)

- 9. Frac 3391'-3650' down 2 7/8" tbg with 3000 gls 35 ppg Borate base gel + 40,000 gls 35 ppg crosslinked Borate gel + 80,000 lbs 16/30 mesh sand.
- 10. Flow well back to pit at 15 -20 gpm unit1 closure. SI well and RD stimulation company. Open well up and allow to clean up increase flow rate periodically.
- 11. Release pkr at 3290 and circulate gel plug out of hole. POOH w/tbg and pkr. RIH w/5 1/2" 14 ppf CIBP, 5 1/2" 14 ppf treating pkr, and 2 7/8" tbg. Set CIBP at 3350'. PUH and set pkr at 3280'. Test CIBP to 500 psi. Release pkr and PUH to 3100'. Set pkr at 3100'.
- 12. NU stimulation company. Test backside to 500 psi. Test surface lines to 5000 psi Prepare to frac.
- Frac 3208'-3224' (16 holes) down 2 7/8" tbg w/1000 gls 35 ppg base Borate gel + 11,000 gals 35 ppg Borate crosslink gel + 24,000 lbs 16/30 mesh sand.
- 14. Flow well back at 15-20 gpm until closure. SI well and RD stimulation company.
- Open well up and allow well to clean up increase flowback rate periodically.

 15. Release pkr at 3100' and tag top of sand. Circulate sand off of CIBP at 3350' Mill out CIBP at 3350'. POOH. RIH w/bit on 2 7/8" tbg. Clean out well (frac sand) to PBTD (3655')
- 16. RIH
- 17. Set TAC at 3212. ND BOP. NU WH. RIH w/rods
- Set pmp in seat nipple at 3587'. Space out well. NU pmping tee. RDMO.