Submit 3 Copies to Appropriate District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
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

WELL API NO.

5. Indicate Type of Lease STATE ☐ FEE ☒

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 DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

7. Lease Name or Unit Agreement Name: Whitten

1. Type of Well: OIL WELL ☐ GAS WELL ☒ OTHER

2. Name of Operator: Meridian Oil Inc.

8. Well No.: 1

3. Address of Operator: 21 Desta Dr., Midland, TX 79705

9. Pool name or Wildcat: Jalmat (Tansill, Yates, 7 Rivers)

4. Well Location
Unit Letter A : 990 Feet From The North Line and 990 Feet From The East Line

Section 33 Township 23 South Range 36 East NMPM Lea County

10. Elevation (*Show whether DF, RKB, RT, GR, etc.*)

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

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: Add additional perfs. in Yates ☒		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.

Add additional perfs. in the Yates and stimulate for production. The procedure is attached.

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

SIGNATURE Robert L. Bradshaw TITLE Sr. Staff Env./Reg. Spec. DATE 10 January 1991

TYPE OR PRINT NAME Robert L. Bradshaw TELEPHONE NO. 915/686-5678

(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Roy Whitten #1
Jalmat (Yates) Field
Lea County, New Mexico

Recommended Yates Recompletion Procedure

1. Order workstring tubing (105 joints 2 7/8" 6.5# N-80 EUE) to location. RU PU; unseat pump and TOH with 138 5/8" rods and 1 1/4" pump. NU BOP, TOH with 111 joints 2 7/8" 6.5# J-55 EUE production tubing.

2. PU 4 3/4" bit and casing scraper (5 1/2" 14# casing) and GIH on 2 7/8" workstring tubing to 3500', TOH. RU wireline unit and log GR/CNL/CCL from PBTD to 2000'.

3. GIH with 4" casing guns and perforate the following expected intervals at 1 SPF 90° phasing (±155 shots total):

   - 3290'-3320' (31)
   - 3330'-3355' (26)
   - 3370'-3400' (31)
   - 3410'-3435' (26)
   - 3440'-3470' (31)
   - 3475'-3485' (10)

   NOTE: Actual perforated intervals will be determined by the CNL and may vary slightly. Review log with project engineer before perforating.

4. PU 5 1/2" x 2 7/8" RTTS treating packer (or equivalent), 2.25" ID SN, and GIH on 2 7/8" 6.5# N-80 workstring; hydrotest tubing below slips to 5000 psi (sf = 2.11). Set packer at 3495' and pressure test CIBP to 3000 psi. Release packer and reset at 3200'. Swab tubing volume to SN.

5. Pump 2,000g 15% MCA acid with iron control additives with 300 7/8" RCNBS spaced evenly throughout at up to 8 BPM. If ballout occurs, surge balls off perfs and displace remaining fluid. Flush to top perf, release packer and GIH to 3485' to knock balls off. Reset packer at 3200'; load casing/tubing annulus and monitor pressure. Fracture stimulate the Yates formation with a total of 40Mg 65 quality CO_2 foam and 80M# 12/20 Brady sand as specified below, (expected surface treating pressure is 3300 psi at 24 BPM):

   - 40,000g 65 quality CO_2 foam
   - 80,000 lbs 12/20 Brady sand
   - Expected ATP 3300 psi at 24 BPM down tubing
   - Maximum treating pressure 3500 psi (sf 1.22 burst)

   SI well for 4 hours; open to the frac tank of a 8/64" positive choke; vary choke size as required to flow/cleanup.

741:2

6. Release packer and TOH laying down 2 7/8" workstring. PU sand pump on sandline and cleanout to PBTD.

7. RIH with ±110 joints of 2 7/8" production tubing and 2.25" ID SN, set SN at 3300'. ND BOP, NU wellhead. TIH with ±135 5/8" rods and 1 1/4" pump; seat pump, hang on beam. RD PU. Monitor and report production volume and pressures on the daily production test report.

BLA 12/7/90

Approved: Buff Dawson for TJH Date: 12/27/90
T. J. Harrington

ZTS
BBD