

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.

LG-5188

7. Lease Name or Unit Agreement Name

State "HQ"

8. Well No.

1

9. Pool name or Wildcat

Airstrip (Bone Spring)

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.)

1. Type of Well:

OIL
WELL ☒

GAS
WELL ☐

OTHER

2. Name of Operator

Meridian Oil Inc.

3. Address of Operator

21 Desta Drive, Midland, Texas 79705

4. Well Location

Unit Letter P : 960 Feet From The South Line and 330 Feet From The East Line

Section 26

Township

18-S

Range

34-E

NMPM

Lea

County

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

3974.8 GR

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐

PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐

CHANGE PLANS ☐

PULL OR ALTER CASING ☐

OTHER: Recomplete and Commingle ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐

ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐

PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☐

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.

Recomplete in 1st Bone Spring Sand commingle with production from 2nd Bone Spring Dolomite. Anticipated Start - 03/20/89.

SEE ATTACHED - INSERT

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 02/14/89

TYPE OR PRINT NAME

Robert L. Bradshaw

TELEPHONE NO. 915-686-5

(This space for State Use)

Orig. Signed by
Paul Kautz
Geologist

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

FEB 17 1989

State "HQ" No. 1
Airstrip Field
Lea County, New Mexico

1. MIRU pulling unit. POH with rods and pump. ND pump tee. NU BOP. POH with $\pm 9540'$ of 2-3/8" 4.7# N-80 tubing.
 2. MIRU wireline unit. RIH with a gauge ring and junk basket for 7" 26# casing to $\pm 9160'$. POH. Test CIBP to 1500 psi. RIH with a 7" CIBP on wireline and set at $\pm 9155'$. POH. RIH with 4" select fire guns and perforate the Bone Spring Sand at the following depths: 9127', 33', 37', 39', 41', 43', and 45' for a total of 7 holes. POH. RDMO wireline unit.
 3. RIH with a 7" treating packer, SN (1.78" ID) and $\pm 9000'$ of 2-3/8" tubing. Hydrotest tubing to 7000 psi while RIH. Set packer at $\pm 9000'$ and swab well down to SN if possible.
 4. MIRU stimulation company. NU surface lines and test to 4000 psi. Place, monitor and maintain 500 psi on the casing-tubing annulus. Pump 2000 gallons of 7-1/2% NEFe HCl acid with 2 gal/1000 surfactant and corrosion inhibitor. Space out 14 - 7/8" RCNBS (sp.gr.= 1.3) throughout job. Displace acid with 37 bbls of 2% KCl water. If ballout occurs, surge balls off perfs and continue displacement.
 - * Note: Anticipated treating pressure = 3300 psi
 - Maximum treating pressure = 4000 psi (Eurst SF = 2.8)
 - Anticipated treating rate = 4 BPM
- RDMO Stimulation Company.
5. Swab test well recording rates and cuts.
 6. If fluid entry is limited, MIRU stimulation company. NU surface lines and test to 6000 psi. Pump 13,000 gallons of 40 lb crosslinked gel with 34,500 lbs of 16/30 mesh PRC sand to frac the First Bone Spring Sand down 2-3/8" tubing according to the following schedule and attached sheets.
 - Pump 4000 gallons of fluid as pad volume.
 - Pump 1000 gallons of fluid with 1ppg 16/30 PRC sand.
 - Pump 2000 gallons of fluid with 3ppg 16/30 PRC sand.
 - Pump 2500 gallons of fluid with 4ppg 16/30 PRC sand.

- Pump 3500 gallons of fluid with 5ppg 16/30 PRC sand.
- * Note: Anticipated treating pressure = 5000 psi
Maximum treating pressure = 7000 psi (Burst SF = 1.6)
Anticipated treating rate = 12 BPM

RDMO stimulation company. Shut well in overnight to allow gels to break.

7. Flow well back starting at $\pm 16/64$ choke increasing choke size as the pressure depletes. Obtain flow back fluid and have analyzed at stimulation company. Viscosity of the broken gel should be ± 10 cp.
8. RIH with a notched collar on 2-3/8" tubing and clean out any fill to $\pm 9155'$. POH. RIH with a drill bailer on sandline and knock out CIBP to $\pm 9500'$.
9. RIH with production tubing and rods as previously installed setting pump at $\pm 9050'$ to clean up frac. Lower pump to $\pm 9450'$ following clean up period.

Page _____
Date _____
By _____

STATE "HQ" No. 1
AIRSTRIIP (BONE SPRING) FIELD
LEA COUNTY, NEW MEXICO

960 FSL 330 FEL
Sec 26 T1B5 R34E

302'

SURFACE CASING
13 3/8" 48 #

4003'

INTERMEDIATE CASING:
9 5/8", 36 #

BONE SPRING PERFS:
9162' - 9399

PROPOSED BONE SPRING SAND PERFS:
9127' - 9145'
(7 HOLES)

WOLF CAMP PERFS:
10626' - 10694'

CIBP SET AT 10515'

10850

PRODUCTION CASING:
7", 23 + 26 #