

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

U.S. OIL CONS. COMMISSION
P.O. BOX 1980
HOBBS, NEW MEXICO 88240

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Meridian Oil Inc.

3. Address and Telephone No.

P.O. Box 51810 Midland, TX 79710

915-688-6800

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

J, 1980' FSL & 1980' FEL, Sec., 23, T22S, R32E

Case Designation and Serial No.
NM-81633

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No. Checkerboard
23 Federal Well No. 1

9. API Well No.

30-025-31906

10. Field and Pool or Exploratory Area

E. Livingston Ridge Delaware

11. County or Parish, State
Lea County, NM

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☒ Recompletion
☒ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Plug back from the Red Tank Bone Spring Field to the East Livingston Ridge Delaware Field.

Set CIBP @9000'. Test CIBP to 4250 psi.

RIH with 4" csg. gun and shoot 4 squeeze holes @8575'.

Establish pump-in pressure and rate down 5 1/2' casing through perforations.

Set SVEZ(retainer) for 5 1/2", csg @8550'.

Sting into retainer @8550' and test backside to 500 psi. Pump 230 sxs of .6% Halad-322 premium cement into perforations. Displace cement to retainer. Sting out of retainer.

Run R.A.L./CCL/GR to determin TOC.

RIH with 4" csg guns. Perforate the Delaware "K" and "K-2" sands with 2JSPF.

Perforated Interval No. Holes

8383-8399' 34 holes "K" sand

8441-8477' 74 holes "K-2" sand

Treat the "K" and "K-2" sands with 2% KCl. Treat each foot of perforated interval with +/-40 gls of 7 1/2% Resin-Sol acid. Pump 100 gals of 2% KCl between connections. RIH to +/- 8500'. Circulate hole with 2% KCl.

Fracture the "K" and "K-2" sands with 25,000 gls, 35# crosslinked gel and 122,000 lbs of 20/40 Ottawa sand.

Clean out well to retainer @8550'. Circulate well with foamed air.

RIH with 2 7/8", tubing @+/-8330. NU well wellhead. RIH with rods and pump. Turn to production. o

14. I hereby certify that the foregoing is true and correct

Signed

Maria L. Perez

Title Production Assistant

Date 8-23-93

(This space for Federal or State office use)

Approved by

(ORIG. SGD.) JOE G. LARA

Title

Pet. Engr.

Date

10/6/93

Conditions of approval, if any:

Submit to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

P.O. Drawer DD, Artesia, NM 88210

DISTRICT III

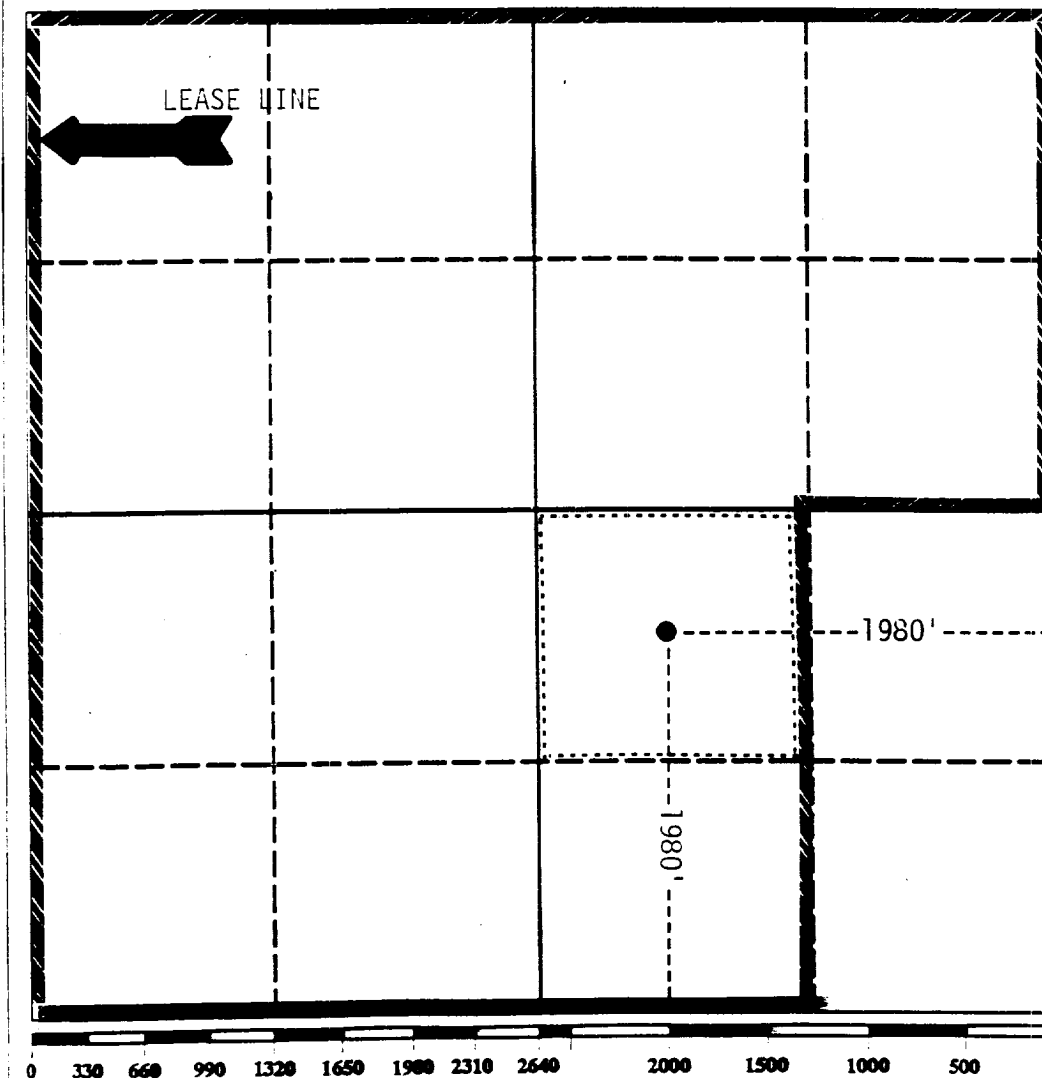
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator MERIDIAN OIL INC.		Lease CHECKERBOARD 23 FEDERAL		Well No. 1	
Unit Letter J	Section 23	Township 22-SOUTH	Range 32-EAST	County SMPM	LEA
Actual Footage Location of Well: 1980 feet from the SOUTH line and 1980 feet from the EAST line					
Ground level Elev. 3721.1'		Producing Formation DELAWARE		Pool <u>W Red Tank</u> Dedicated Acreage: 40 Acres	
EAST LIVINGSTON RIDGE DELAWARE					

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?
☐ Yes ☐ No If answer is "yes" type of consolidation _____
If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)
No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.



OPERATOR CERTIFICATION

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

Signature
Maria L. Perez
Printed Name
MARIA L. PEREZ
Position
PRODUCTION ASST.
Company
MERIDIAN OIL INC.
Date
8-23-93

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

Signature & Seal of
Professional Surveyor

Certificate No.