

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

b. TYPE OF WELL

OIL WELL ☒

GAS WELL ☐

OTHER

SINGLE ZONE ☒

MULTIPLE ZONE ☐

2. NAME OF OPERATOR

Meridian Oil Inc.

3. ADDRESS AND TELEPHONE NO.

P.O. Box 51810, Midland, TX 79710-1810

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

Unit J, 1980' FSL & 1980' FEL

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

28 miles west of Eunice, New Mexico

15. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

1980'

16. NO. OF ACRES IN LEASE

920

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

1st well

19. PROPOSED DEPTH

9000'

20. ROTARY OR CABLE TOOLS

rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

3721.1'

22. APPROX. DATE WORK WILL START*

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8", H-40	48	850	925 sx CIRCULATE
12 1/4"	8 5/8", K-55	28&32	4600	2150 sx (tieback)
7 7/8"	5 1/2", K-55 N-80	17	9000	1000 sx (tieback)

BOP Program - 10" 3M BOP stack to be installed on the ^{13 3/8"}~~8 5/8"~~ csg & left for the remainder of drilling.

13 3/8"

(SJS)

Estimated tops: Rustler 900'
B/Salt 4500'

Delawarelime 4700'
Cherry Canyon 5700'
Brushy Canyon 7450'
Bone Springs 8650'

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS

ATTACHED

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

[Signature]

TITLE Production Assistant

DATE 1-14-93

(This space for Federal or State office use)

PERMIT NO.

Orig. Signed by Richard L. Monney

APPROVAL DATE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
CONDITIONS OF APPROVAL, IF ANY:

Orig. Signed by Richard L. Monney

APPROVED BY

TITLE

DATE

2/23/93

*See Instructions On Reverse Side

OIL CONSERVATION DIVISION

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

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

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

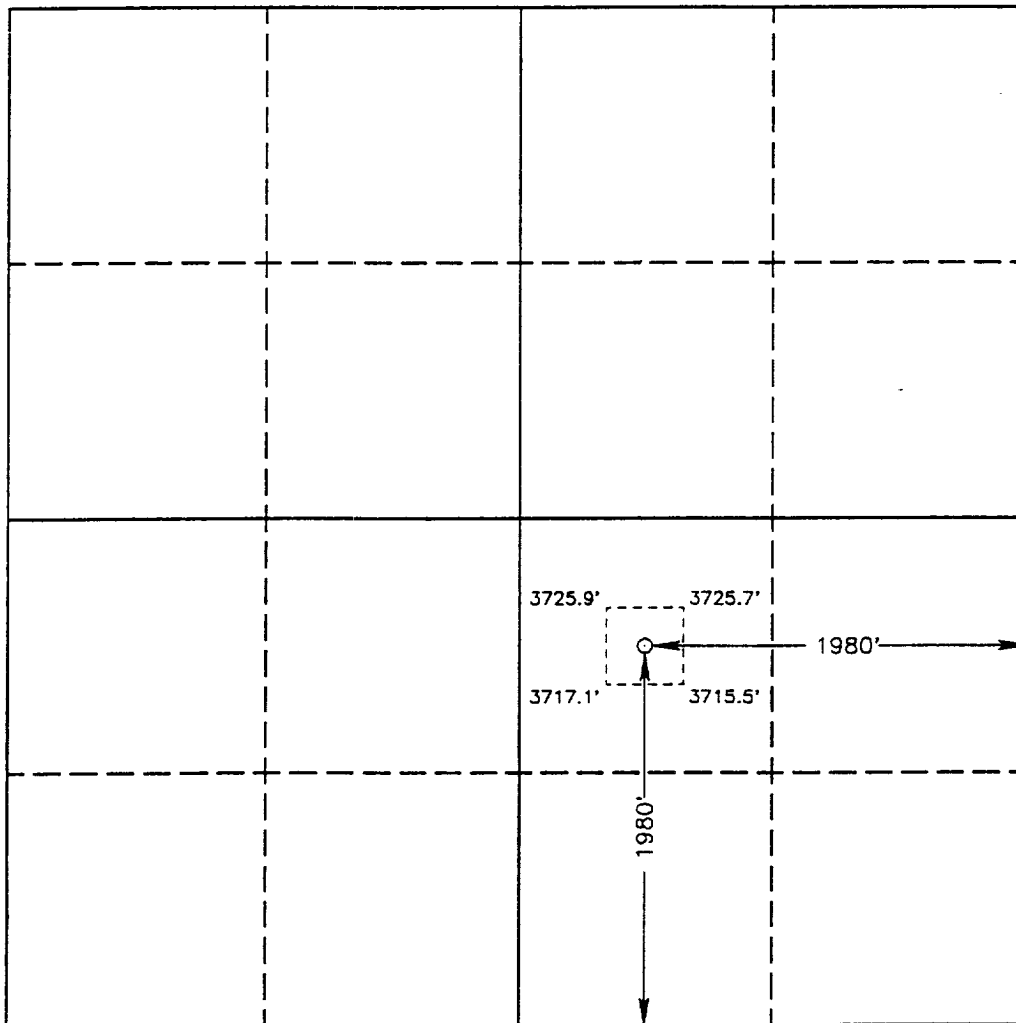
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

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	NMPM	County 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 Bone Springs	Pool Red Tank Bone Springs East Livingston Ridge		Dedicated Acreage: 40 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
 2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
 3. 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 of owners and tract descriptions which have actually been consolidated. (Use reverse side of this form necessary.) _____
- No allowable will be assigned to the well unit all interests have been consolidated (by communitization, unitization, forced-pooling, otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.



OPERATOR CERTIFICATION

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

Signature
Donna Williams
Printed Name
Production Assistant
Position
Meridian Oil Inc
Company
1/15/93
Date

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
NOVEMBER 24, 1992
Signature & Seal of
Professional Surveyor

GARY L. JONES
NEW MEXICO
REGISTERED PROFESSIONAL SURVEYOR
JOHN W. WESLEY 678
RONALD J. EIDSON 3238
GARY L. JONES 7977
92-11-1785

OPERATORS NAME:	<u>MERIDIAN OIL INC.</u>
LEASE NAME AND WELL NO.:	<u>CHECKERBOARD 23 FEDERAL #1</u>
LOCATION:	<u>J, 1980' FSL & 1980' FEL, SEC. 23, T22S, R32E</u>
FIELD NAME:	<u>EAST LIVINGSTON RIDGE</u>
COUNTY:	<u>LEA COUNTY, NEW MEXICO</u>
LEASE NUMBER:	<u>NM-35793</u>

The following information is to supplement BLM form 3160-3 Application for permit to deepen in accordance with Onshore Oil and Gas Order No. 1:

9 - POINT DRILLING PLAN

1. Name and estimated tops of important geologic formation/marker horizons.

Rustler	900'	Delaware Lime	4700'	Cherry Canyon	5700'
B/Salt	4500'	Brushy Canyon	7450'	Bone Springs	8650'

2. Estimated depths at which the top and bottom of formations potentially containing usable water, oil, gas, or prospectively valuable deposits of other minerals are expected to be encountered and the operator's plans for protecting such resources.

8650' - 9000' Bone Springs (Oil)

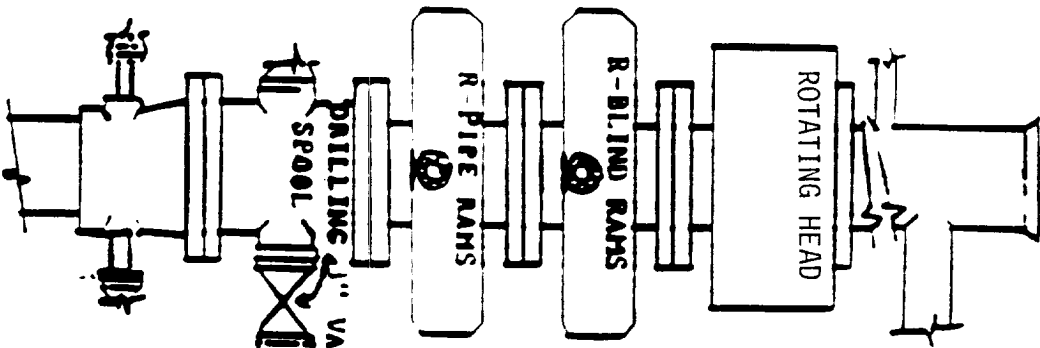
3. The operator's minimum specifications for Blowout Preventer (BOP) and related equipment to be used and schematic diagrams thereof showing sizes, pressure ratings, and the testing procedures and testing frequency. BOP and BOP - related equipment (BOPE) schematics shall include schematics of choke manifold equipment. Accumulator systems and remote controls shall be utilized.

BOP Program: 10" - 3M BOP stack to be installed on ^{13 3/8"}~~8 5/8"~~ & left for the remainder of drlg & tested to 1500 psi before drlg the ~~8 5/8"~~ casing shoe. The BOP stack will consist of one blind ram BOP & one pipe ram BOP. ^{13 3/8"}~~8 5/8"~~ ₅₃₅

4. The proposed casing program including size, grade, weights, type of thread and coupling, and the setting depth of each string and its condition (new or acceptably reconditioned). For exploratory wells, or for wells as otherwise specified by the authorized officer, the operator shall include the minimum design factors for tensions, burst, and collapse that are incorporated into the casing design. In cases where tapered casing strings are utilized, the operator shall also include and/or setting depths of each portion.

@13 3/8" H-40 48# 850'
 @ 8 5/8" K-55 28# & 32# 4600'
 @ 5 1/2" K-55/N-80-17# 9000'

DOUBLE RAM



BLOW OUT PREVENTION EQUIPMENT
 10" 900S ALL FLANGED CONNECTIONS
 3000# WORKING PRESSURE _ 6000# TEST

