

N.M. OIL CONS. COMMISSION
P.O. BOX 1880
ALBUQUERQUE, NEW MEXICO 87103
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Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

NM 70343

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

DAGGER LAKE '8' NO. 1
FEDERAL

9. API Well No.

30-025-31885

10. Field and Pool, or exploratory Area

DAGGER LAKE DELAWARE

11. County or Parish, State

LEA NM

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 79710-1810 915-688-6943

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

C, 660' FNL & 1980' FWL
SEC. 8, T22S, R33E

Secretary's Potash

Capitan Controlled Water Basin

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 RE-ENTRY OF P&A WELL
☐ 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.)*

WELL WAS ORIGINALLY DRILLED 1/27/93. IT WAS A DRY HOLE AND SUBSEQUENTLY PLUGGED. MERIDIAN OIL INC. RESPECTFULLY REQUEST APPROVAL TO RE-ENTER SAID WELL AND COMPLETE IN AN UPPER DELAWARE ZONE.

PREVIOUSLY ARCHIVED 12/22/92. REPORT NUMBER NMAS-1992-17-D

PORTION OF LOCATION WAS NEVER CLEARED. SEE ATTACHED COPY OF APPROVED SUNDRY 7/6/93 FOR EXPLANATION.

DESIGNATED POTASH: The location is not leased out. Notification was given to Eddy Potash Company as an offset to said location. See attached copy of notification.

Approval Subject to
General Requirements and
Special Regulations
Attached

OPER. OGRID NO. 26485

PROPERTY NO. 16353

POOL CODE 15476

EFF. DATE 1-9-95

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

Signed

Title REGULATORY ASSISTANT

API NO. 30-025-31885

(This space for Federal or State office use)

Approved by

Title

AREA MANAGER

Date

12/21/94

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

* See Instruction on Reverse Side

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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., Artec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator MERIDIAN OIL INC.			Lease DAGGER LAKE "3" FEDERAL		Well No. 1
Unit Letter C	Section 8	Township 22 SOUTH	Range 33 EAST	County NMPM LEA	
Actual Footage Location of Well: 660 feet from the NORTH line and 1980 feet from the WEST line					
Ground Level Elev. 3622.3'	Producing Formation DELAWARE		Pool DAGGER LAKE DELAWARE		Dedicated Acreage: 40 Acres

- 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 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 the information contained herein is true and complete to the best of my knowledge and belief.

Signature

Printed Name

MARIA L. PEREZ

Position

PRODUCTION ASST.

Company

MERIDIAN OIL INC.

Date

12-3-92

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 05, 1992

Signature & Seal of Professional Surveyor

GARY L. JONES
NEW MEXICO
Professional Surveyor
Certificate No. 8768
JAMES WEST, 8768
RONALD EIDSON, 3238
GARY L. JONES, 7972

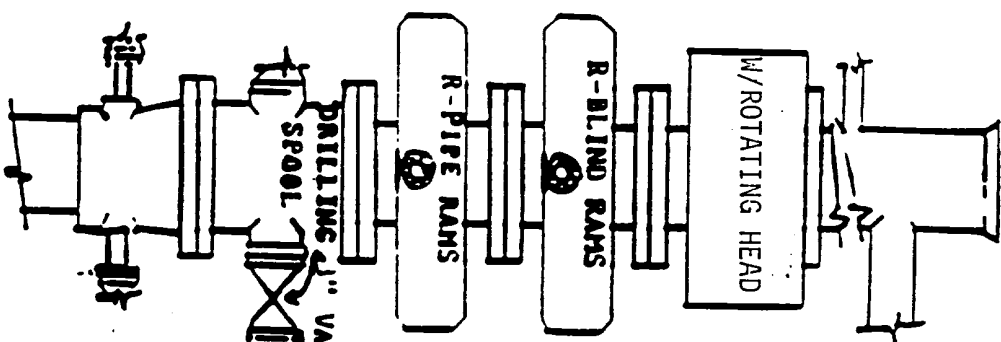
92-11-1653

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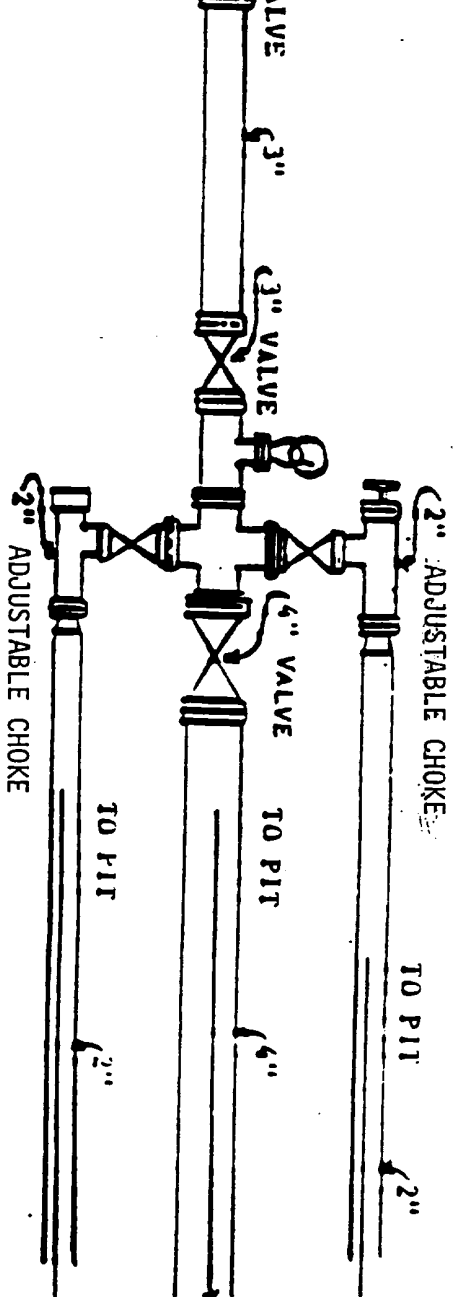
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DOUBLE RAM



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



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OPERATORS NAME:	Meridian Oil Inc.
LEASE NAME AND WELL NO.:	Dagger Lake '8' Federal No. 1 - (Re-entry)
LOCATION:	C, 660' FNL & 1980' FWL, Sec. 8, T22S, R33E
FIELD NAME:	Dagger Lake Delaware
COUNTY:	Lea County, NM
LEASE NUMBER:	NM 70343

The following information is to supplement BLM form 3160-3 Application for permit to drill 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.

<u>FORMATION</u>	<u>DEPTH</u>
Rustler	1130'
Salado	1265'
Tansil	3750'
Delaware	4910'

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.

Delaware	4910' (Oil)
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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.

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11" 3M psi WP BOP to be installed on the 8 5/8" casing. The BOP stack will consist of one blind ram BOP, one pipe ram BOP, and a rotating head. Tested to 3000 psi before drilling the 8 5/8" casing shoe.

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.

Drill Out Existing Plugs: Surface
 500'-682'
 1060'- 1160'
 4911'

- Existing csg: 12 1/4" hole, 8 5/8" 24# csg set @ 633'
- Run new csg: 7 7/8" hole 5 1/2" 15.5# csg set @ 5250'

5. The amount and type(s) of cement, including anticipated additives to be used in setting each casing string, shall be described. If stage cementing techniques are to be employed, the setting depth of the stage collars and amount and type of cement, including additives, and preflush amounts to be used in each stage, shall be given. The expected linear fill-up of each cemented string, or each stage when utilizing stage-cementing techniques, shall also be given.

- a. 8 5/8" csg: Cmt w/375 sxs Class "C" + 2% CaCl₂
 Circ. to surface.
- b. 5 1/2" csg: Cmt w/1600 sxs 'C' Lite + 5 pps salt + .25 pps flocele.
 Circ. to surface

6. The anticipated characteristics, additives, use, and testing of drilling mud to be employed, along with the types and quantities of mud products to be maintained, shall be given. When air or gas drilling is proposed, the operator shall submit the following specific information:

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Mud Program:

0-600' Fresh water/gel/lime, MW

600'-5250' Brine, MW 9.8 - 10.2

7. The anticipated testing, logging, and coring procedures to be used, including drill stem testing procedures, equipment, and safety measures.

- a. DST Program: None
- b. Core: None
- c. Mud Logging: Two man unit 2500' to TD
- d. Logs to be run:

8. The expected bottom-hole pressure and any anticipated abnormal pressures, temperatures or potential hazards that are expected to be encountered, such as lost circulation zones and hydrogen sulfide. The operator's plans for mitigating such hazards shall be discussed. Should the potential to encounter hydrogen sulfide exist, the mitigation procedures shall comply with the provisions of Onshore Oil and Gas Order No. 6.

No abnormal pressures are anticipated. Bottom hole pressures at TD expected to be 1500 psi. Bottom hole temperature 110° F. No Hydrogen Sulfide expected in this known drilling area.

9. Any other facets of the proposed operation which the operator wishes for BLM to consider in reviewing the application.

Anticipated drilling time expected to be 10 days from surface to TD.

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