

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONTACT REVENUE
OFFICE FOR 3FR
OF COPIES REQUIRED
(Other instructions on
Reverse side)

00-025-30900
BLM Roswell District
Modified Form No.
NM060-3160-2

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK			5. LEASE DESIGNATION AND SERIAL NO. NM-18232	
1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR Meridian Oil Inc.			8. FARM OR LEASE NAME Federal "AM"	
3. ADDRESS OF OPERATOR 21 Desta Dr., Midland, TX 79705			9. WELL NO. 3	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 660' FNL & 660' FWL Unit A At proposed prod. zone Same			10. FIELD AND POOL, OR WILDCAT North Young (Bone Spring)	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 6 miles south of Maljamar, NM			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 8, T18S, R32E	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 660'		16. NO. OF ACRES IN LEASE 160 acres	17. NO. OF ACRES ASSIGNED TO THIS WELL 40 acres	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1320'		19. PROPOSED DEPTH 8900'	20. ROTARY OR CABLE TOOLS Rotary 0-TD	
21. ELEVATIONS (Show Whether DF, RT, GR, ETC.) 3806' GR.			22. APPROX. DATE WORK WILL START* 02 May 1990	

23. PROPOSED CASING AND CEMENTING PROGRAM

HOLE SIZE	CASING SIZE	WEIGHT/FOOT	GRADE	THREAD TYPE	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8"	48	H-40	STC CIRCULATE	400'	400 sx Cl. C
12 1/4"	8 5/8"	24	K-55	STC CIRCULATE	2800'	1400 sx C Lite
7 7/8"	5 1/2"	17	K-55	LTC	8900'	1250 sx Cl. H

Drill 17 1/2" hole to 400'. Set 13 3/8" csg. @400'. Cmt w/400 sx Cl. C & circulate. Drill 12 1/4" hole to 2800'. Run fluid caliper. Set 8 5/8" csg @2800'. Lead w/1200 sx Class C Lite and tail in w/200 sx Class C-- circulate. Drill to TD to test 1st Bone Spring Sandstone and 2nd Bone Spring Dolomite. If commercial, run 5 1/2" csg to 8900'. Perf & stimulate for production.
MUD PROGRAM: 0-400' spud mud; 400'-2800' brine; 2800'-8000' cut brine & sweeps (chloride 30,000+); 8000'-TD cut brine & Starch MW 9.0-9.2 (solids must be less than 5% w/VIS 32-36).
BOP PROGRAM: 13 5/8"-2M annular BOP to be installed on 13 3/8" csg. 11"-3M stack to be installed on 8 5/8" & left on for remainder of drilling. Stack to consist of annular BOP, blind ram BOP, & one pipe ram BOP. Test BOP's using an independent tester after setting the 8 5/8" csg.

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, 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 prevention program, if any.

24. SIGNED Robert L. Brackshaw TITLE Sr. Staff Env./Reg. Spec. DATE 16 April 1990

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY Carol S. [illegible] TITLE CARLSBAD RESOURCE AREA DATE 5 10 90
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

RECEIVED

MAY 14 1990

OCD
HOBBS OFFICE

BLOWOUT PREVENTION EQUIPMENT
 10" 900s ALL FLANGED EQUIPMENT
~~5-0000#~~ WORKING PRESSURE - 10,000# TEST
 3000#

SCS

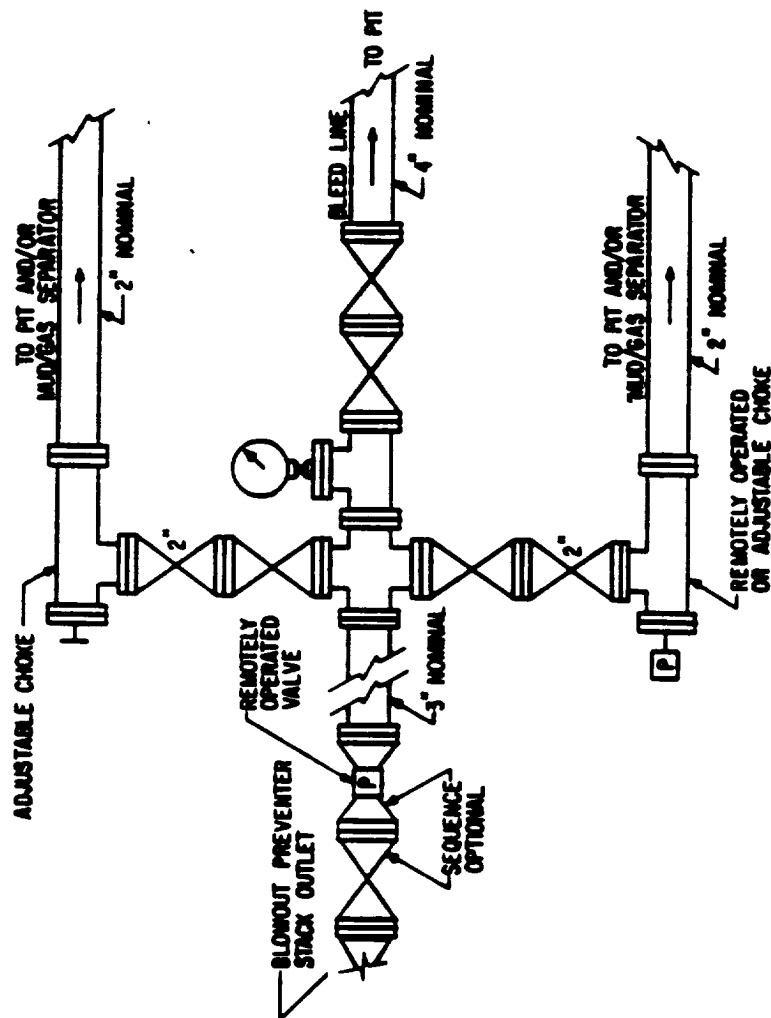
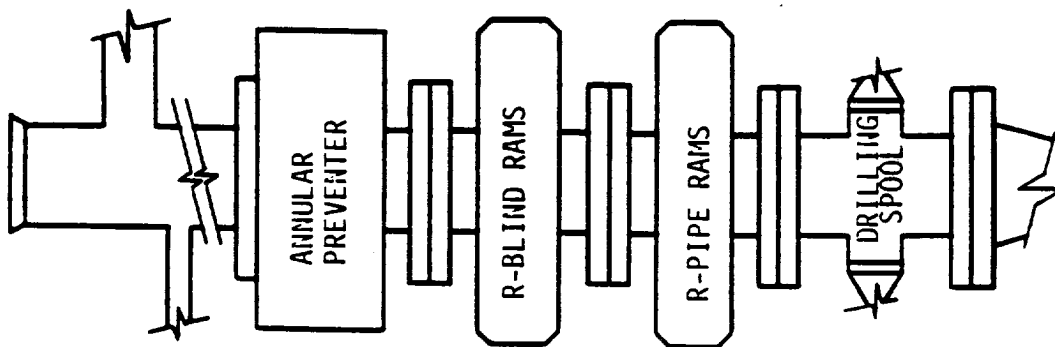


FIG. 3.A.2

TYPICAL CHOKE MANIFOLD ASSEMBLY FOR
 RATED WORKING PRESSURE SERVICE -
 SURFACE INSTALLATION

3M

SCS

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

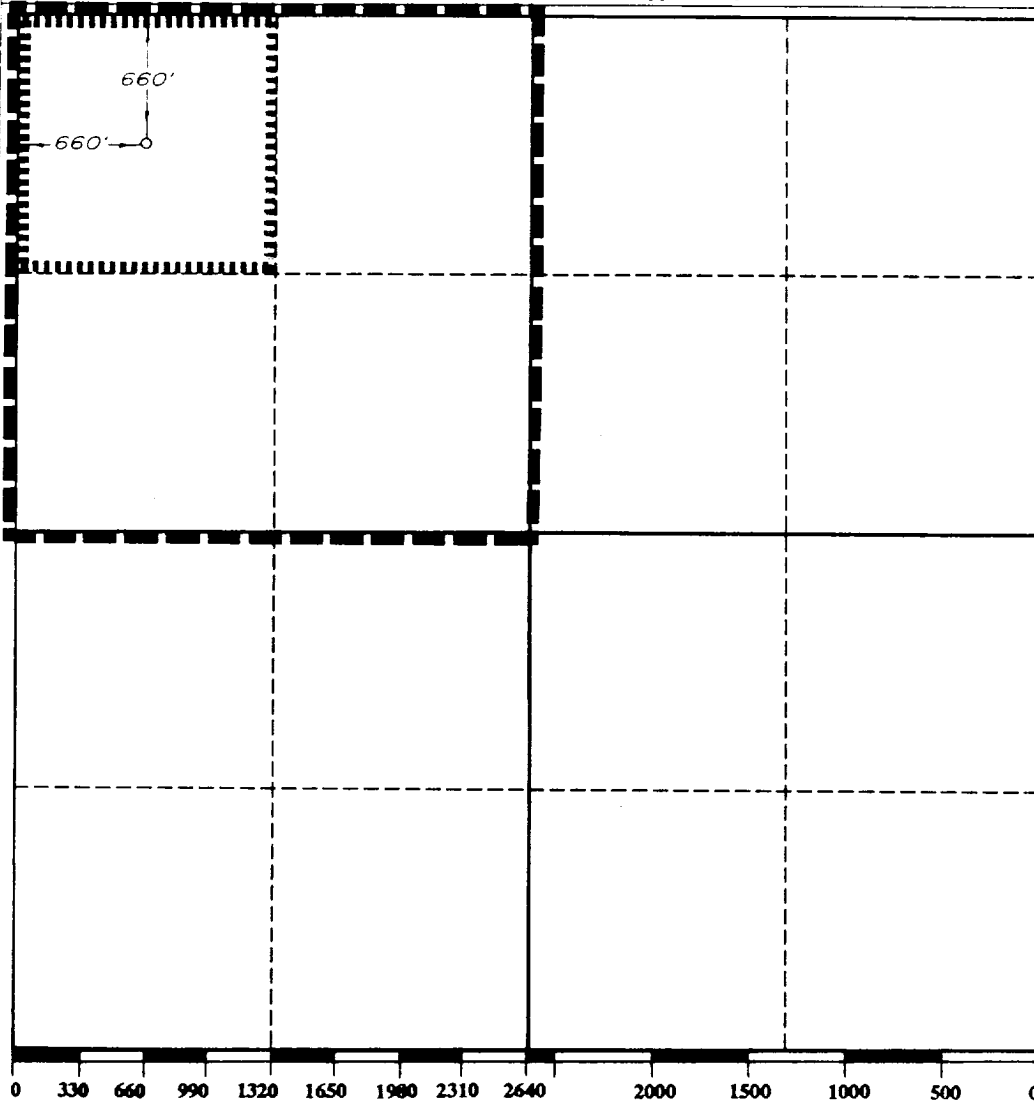
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator MERIDIAN OIL INC.			Lease FEDERAL "AM"		Well No. 3
Unit Letter D	Section 8	Township 18-SOUTH	Range 32-EAST	County LEA	
Actual Footage Location of Well: 660 feet from the NORTH line and 660 feet from the WEST line					
Ground level Elev. 3806'	Producing Formation Bone Spring		Pool North Young	Dedicated Acreage: 40 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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 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

Robert L. Bradshaw

Printed Name

Robert L. Bradshaw

Position

Sr. Staff Env./Reg. Spec.

Company

Meridian Oil Inc.

Date

April 16, 1990

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

MARCH 16, 1990

Signature of Professional Surveyor

**V. LYNN
BEZNER
NO 7920**

Certification

