

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONTACT R VING
OFFICE FOR I BER
OF COPIES REQUIRED
(Other instructions on
reverse side)

30-025-31328
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-0997
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 Southland Royalty Company			8. FARM OR LEASE NAME Aztec "22" Federal
3. ADDRESS OF OPERATOR P.O. Box 51810, Midland, TX 79710-1810			9. WELL NO. 4
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 660' FNL & 1980' FWL unit C			10. FIELD AND POOL, OR WILDCAT South Corbin (Delaware)
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 22, T18S, R33E			12. COUNTY OR PARISH Lea
13. STATE NM			14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 12 miles Southeast of Maljamar, NM
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 320	17. NO. OF ACRES ASSIGNED TO THIS WELL 80
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1320'		19. PROPOSED DEPTH 5500'	20. ROTARY OR CABLE TOOLS Rotary
21. ELEVATIONS (Show Whether DF, RT, GR, ETC.) -3861' GR 3860.6'			22. APPROX. DATE WORK WILL START* 8-15-91

23. PROPOSED CASING AND CEMENTING PROGRAM

HOLE SIZE	CASING SIZE	WEIGHT/FOOT	GRADE	THREAD TYPE	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	K-55	STC	400'	275 sx-Circ.
7-7/8"	5-1/2"	15.5#	K-55	STC	5500'	1375 sx-Circ.

Drill 12-1/4" hole to 400' & set 8-5/8"csg. Cmt. w/275 sx-circulate.

Drill 7-7/8" hole to 5500' & set 5-1/2" csg. Cmt. w/1375 sx-circulate.

MUD PROGRAM: 0-400' fresh water gel & lime; 400'-5500' salt water, MW 9.8-10.2. No abnormal pressures or temperatures expected.

BOP PROGRAM: 10"-3M BOP stack to be installed on 8-5/8" & left for remainder of drilling. Stack to consist of annular BOP, blind ram BOP, and one pipe ram BOP. Test BOP's using an independent tester after setting the 8-5/8" csg.

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 preventer program, if any.

24. SIGNED Connie Malik TITLE Regulatory Compliance Rep. DATE 6-18-91
(This space for Federal or State office use)

PERMIT NO. APPROVAL DATE

APPROVED BY TITLE DATE 7-10-91

GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS

ATTACHED

*See Instructions On Reverse Side

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

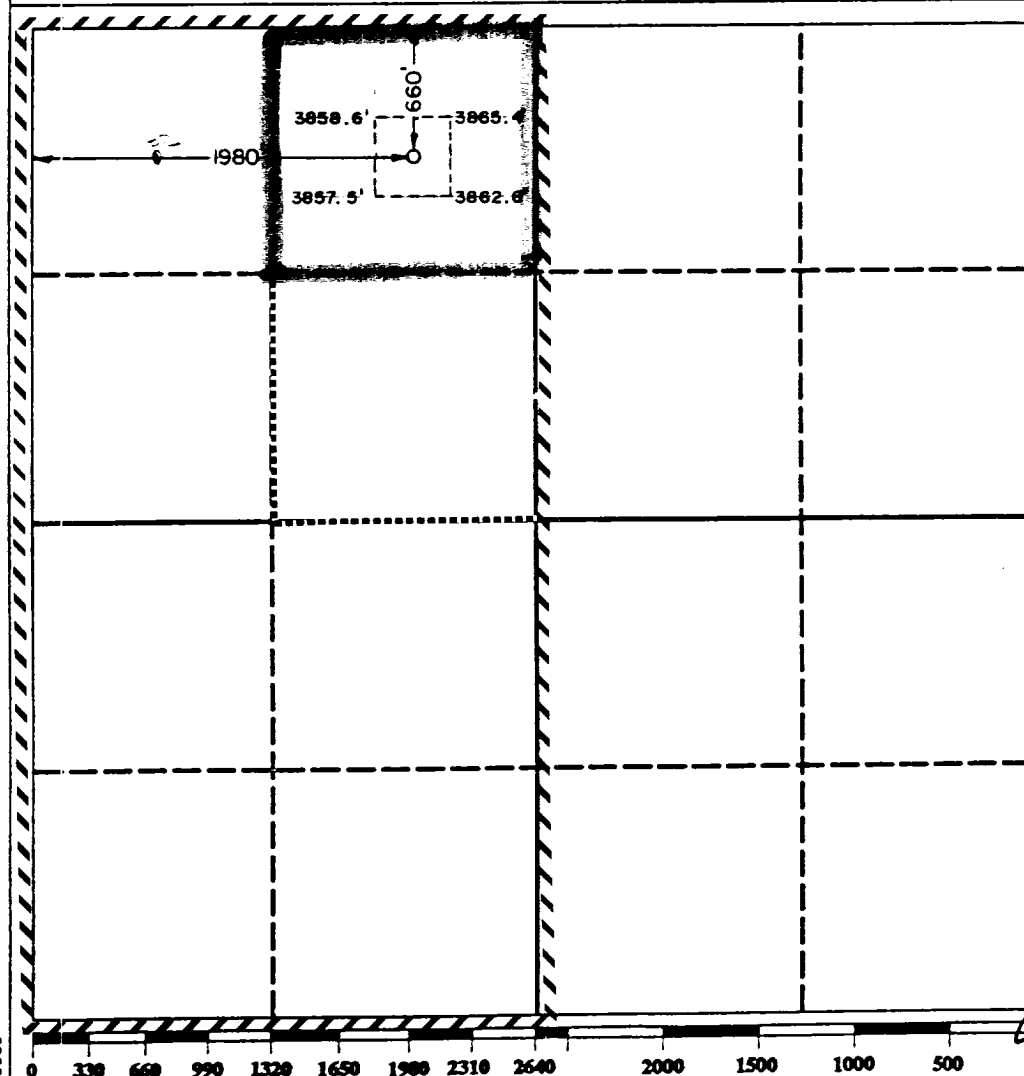
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator MERIDIAN OIL INC.			Lease Aztec Federal 22		Well No. 4
Unit Letter C	Section 22	Township 18 SOUTH	Range 33 EAST	County LEA	
Actual Footage Location of Well: 660 feet from the NORTH line and 1980 feet from the WEST line					
Ground level Elev. 3860.6'	Producing Formation <i>Delaware</i> South Corbin		Pool <i>Delaware West</i> Corbin		Dedicated Acreage: 40 80 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
Connie L. Mulik
Printed Name
Connie L. Mulik
Position
Regulatory Compliance
Company
MERIDIAN OIL INC
Date
6-21-91

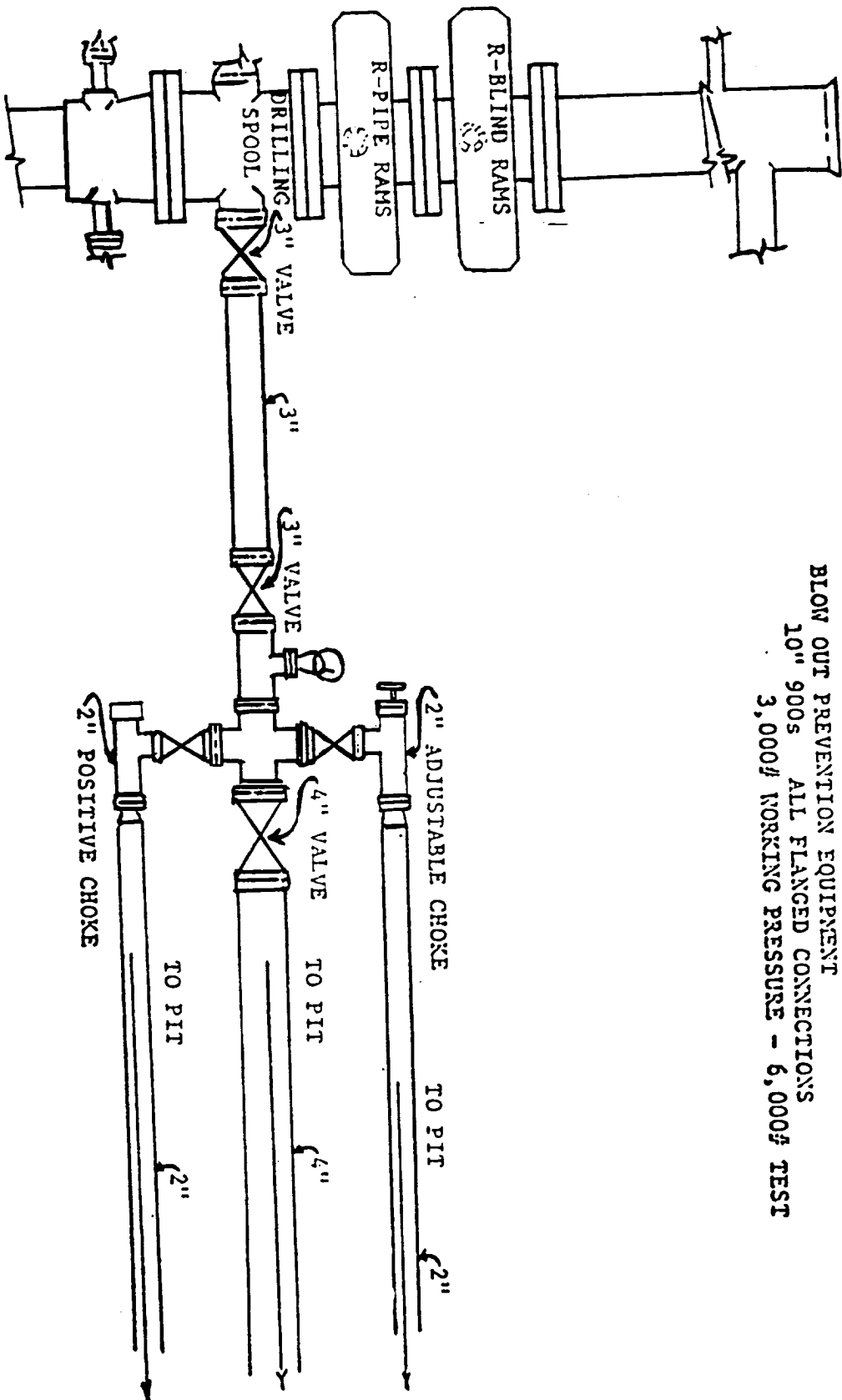
SURVEYOR CERTIFICATION

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
May 21, 1991

Signature & Seal of
Professional Surveyor

Ronald J. Eidson
Certificate No. *John W. West* 676
RONALD J. EIDSON, 5239



BLOW OUT PREVENTION EQUIPMENT
 10" 900s ALL FLANGED CONNECTIONS
 3,000# WORKING PRESSURE - 6,000# TEST