

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

CONTACT 1. VING  
OFFICE FOR NUMBER  
OF COPIES REQUIRED  
(Other instructions on  
reverse side)

30-025-31278  
BLM Roswell District  
Modified Form No.  
NM060-3160-2

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK <b>DRILL</b> <input checked="" type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/> <b>PLUG BACK</b> <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. <b>NM-0997</b>
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"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR <b>Southland Royalty Company</b>		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR <b>P.O. Box 51810, Midland, TX 79710-1810</b>		8. FARM OR LEASE NAME <b>Aztec "22" Federal</b>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface <b>660' FNL &amp; 660' FWL</b> At proposed prod. zone		9. WELL NO. <b>2</b>
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* <b>12 miles southeast of Maljamar, NM</b>		10. FIELD AND POOL, OR WILDCAT <b>South Corbin (Wolfcamp)</b>
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) <b>660'</b>	16. NO. OF ACRES IN LEASE <b>320</b>	17. NO. OF ACRES ASSIGNED TO THIS WELL <b>80</b>
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. <b>1867'</b>	19. PROPOSED DEPTH <b>11,550'</b>	20. ROTARY OR CABLE TOOLS <b>Rotary</b>
21. ELEVATIONS (Show Whether DF, RT, GR, ETC.) <b>3029.5' GR. 3862.2'</b>		22. APPROX. DATE WORK WILL START* <b>20 June 1991</b>

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#	K-55	STC	350' 450'	350 sx-Circ.
12-1/4"	8-5/8"	24# & 28#	K-55	STC	2900'	1400 sx-Circ.
7-7/8"	5-1/2"	15.5# & 17#	K-55	STC	11,550'	2100 sx-SEE STIP.

Drill 17-1/2" hole to 350'. Set 13-3/8" csg @350' & cmt w/350 sx Class C. Circ. Drill 12-1/4" hole to 2900'. Run fluid caliper. Set 8-5/8" csg @2900'. Cmt: Lead w/1200 sx Lite C & tail in w/200 sx Class C. Circulate. Drill to TD to test Middle and Lower Wolfcamp. 5lf commercial, run 5-1/2" csg to 11,500'. Cmt w/sufficient volume to bring cmt above all prospective zones. Est. TOC @2900'. Perf. and stimulate the Wolfcamp for production.

MUD PROGRAM: 0-350' spud mud; 350'-2900' brine; 2900'-10,200' cut brine and sweeps (chlorides 30,000+ ppm); 10,200'-TD cut brine and Drispac. 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 the 13 3/8" csg. 11"-3M stack to be installed on the 8 5/8" and left for remainder of drilling. The stack is to consist of an annular BOP, a blind ram BOP, and one pipe ram BOP. Test the BOP's after setting the 8 5/8" csg using an independent tester.

GENERAL REQUIREMENTS AND  
SPECIAL SPECIFICATIONS  
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 preventer program, if any.

24. SIGNED Corrie Maltz TITLE Regulatory Analyst DATE May 17, 1991

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE 6-7-91  
CONDITIONS OF APPROVAL, IF ANY:

\*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

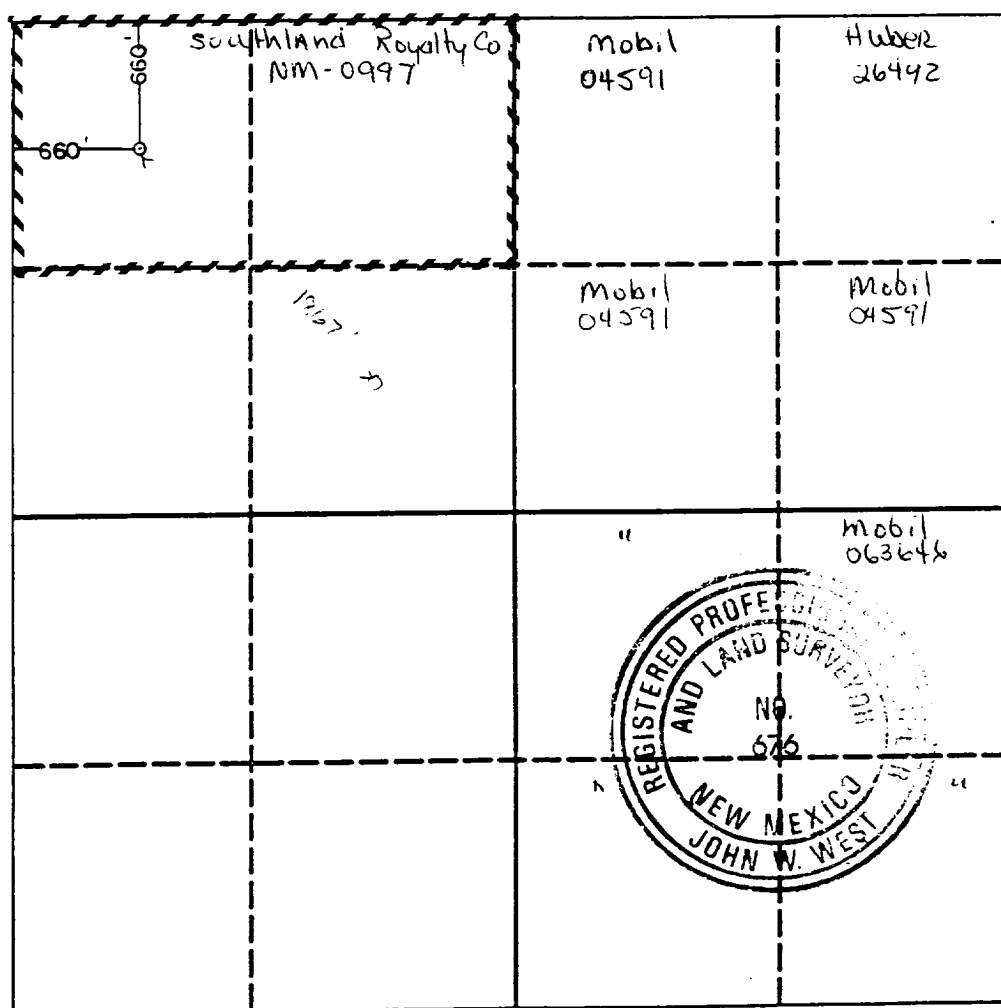
DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator SOUTHLAND ROYALTY COMPANY			Lease AZTEC 22		Well No. 2
Unit Letter D	Section 22	Township 18 SOUTH	Range 33 EAST	County LEA	
Actual Footage Location of Well: 660 feet from the NORTH line and 660 feet from the SOUTH line					
Ground level Elev. 3862.2		Producing Formation Wolfcamp		Pool South Corbin	
				Dedicated Acreage: 80 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 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.

*Connie L. Malik*

Signature

Connie L. Malik

Printed Name

Regulatory Analyst

Position

Meridian Oil Inc.

Company

5/17/91

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

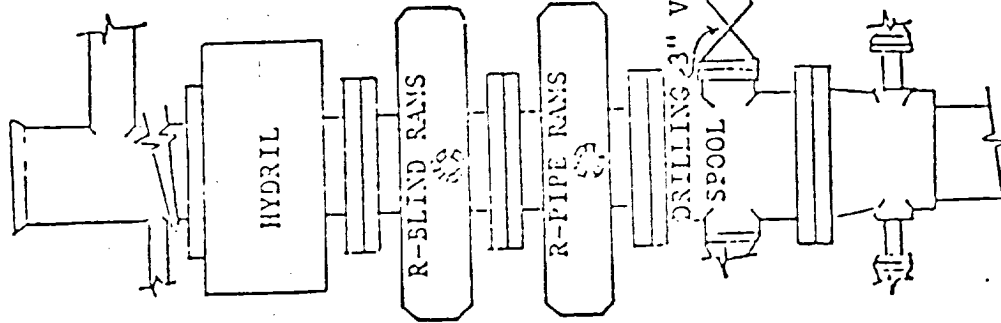
5-9-91

Signature & Seal of Professional Surveyor

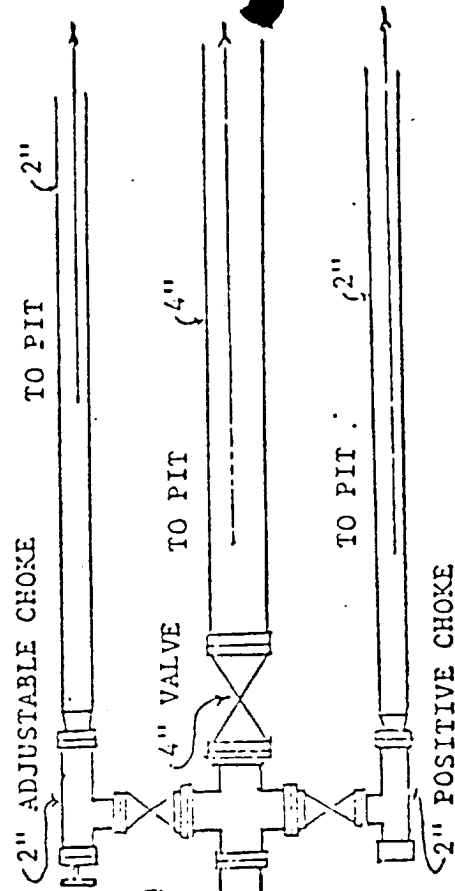
*John W. West*

Certificate No. JOHN W. WEST, 676

RONALD J. EIDSON, 3259



BLOW OUT PREVENTION EQUIPMENT  
 10" 900s ALL FLANGED CONNECTIONS  
 3,000# WORKING PRESSURE - 6,000# TEST  
 5,000#



12-21-8  
J73

JUN 10 1991  
HOBBS OFFICE