

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONTACT LIVING
OFFICE FOR NUMBER
OF COPIES REQUIRED
(Other instructions on
reverse side)

BLM Roswell District
Modified Form No.
NM060-3160-2

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. LC-069420
2. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. NAME OF OPERATOR Southland Royalty Company		7. UNIT AGREEMENT NAME
3a. AREA CODE & PHONE NO. 915/686-5600		8. FARM OR LEASE NAME West Corbin Federal
4. ADDRESS OF OPERATOR 21 Desta Dr., Midland, TX 79705		9. WELL NO. 30
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1980' FNL & 550' FEL At proposed prod. zone		10. FIELD AND POOL, OR WILDCAT South Corbin (Wolfcamp)
11. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 12 miles southeast of Maljamar, NM		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 07, T18S, R33E
12. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 550'		12. COUNTY OR PARISH Lea
13. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1221'		13. STATE NM
14. ELEVATIONS (Show whether DF, RT, GR, ETC.) 3923.5' GR.		14. NO. OF ACRES IN LEASE 960
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 550'		15. NO. OF ACRES ASSIGNED TO THIS WELL 80
16. PROPOSED DEPTH 11,550'		16. ROTARY OR CABLE TOOLS Rotary
17. APPROX. DATE WORK WILL START* 01 June 1991		

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'	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

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.

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 Robert L. Braslow TITLE Sr. Staff Env./Reg. Spec. DATE 20 March 1991

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE 5-2-91

CONDITIONS OF APPROVAL, IF ANY:

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS

*See Instructions On Reverse Side

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

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

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

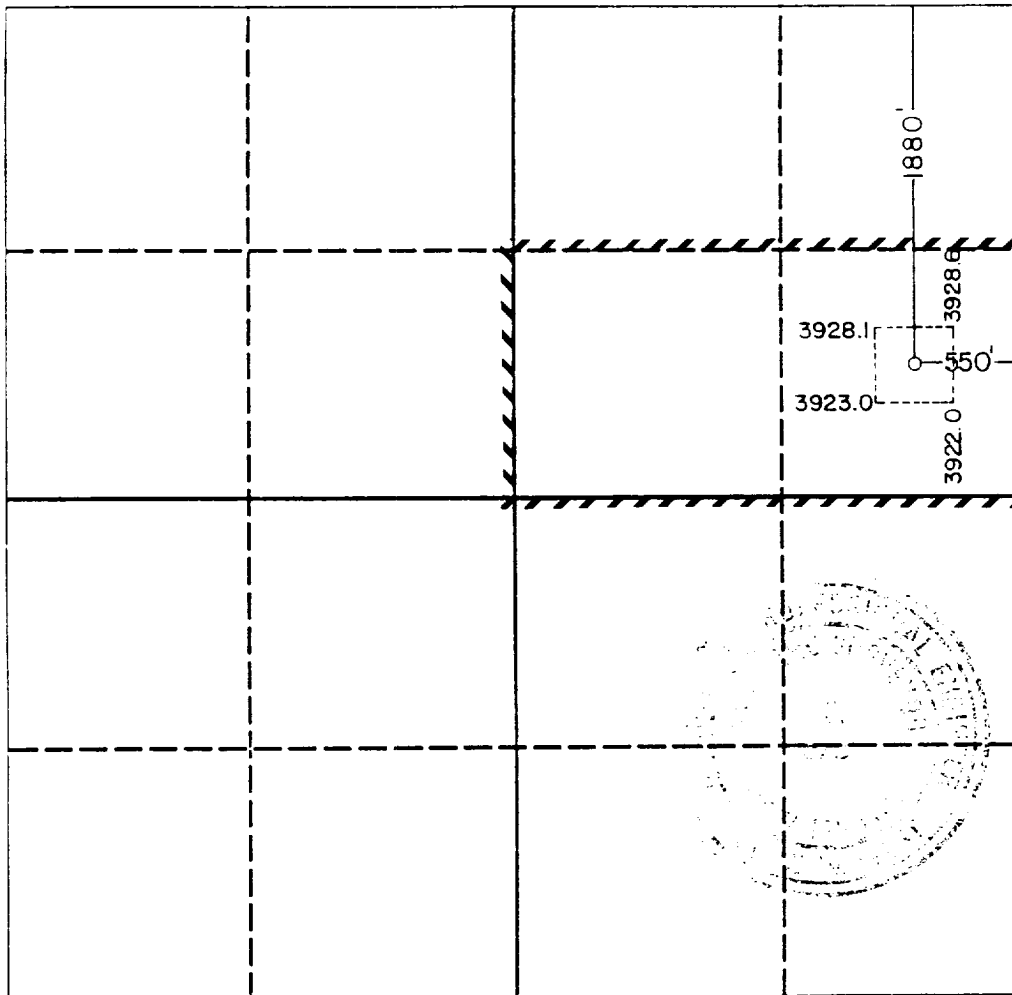
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator Meridian Oil Inc.		Lease West Corbin Federal		Well No. 30
Unit Letter H	Section 7	Township 18 South	Range 33 East NMPM	County Lea
Actual Footage Location of Well: 1880 feet from the North line and 550 feet from the East line				
Ground level Elev. 3023.5	Producing Formation Wolfcamp	Pool South Corbin	Dedicated Acreage: 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 communization, 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 well be assigned to the well until all interests have been consolidated (by communization, 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/Req Spec
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Company

Meridian Oil Inc.

Date _____

3/21/91

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 _____

March 13, 1991

Signature & Seal of
Professional Surveyor

Certificate No. JOHN W. WEST, 676

RONALD J. EIDSON, 3239

BLUMHUT PRIVINION EQUIPMENT
10" 9005 ALL FI ANGED EQUIPMENT
5,000# WORKING PRESSURE - 10,000# TEST

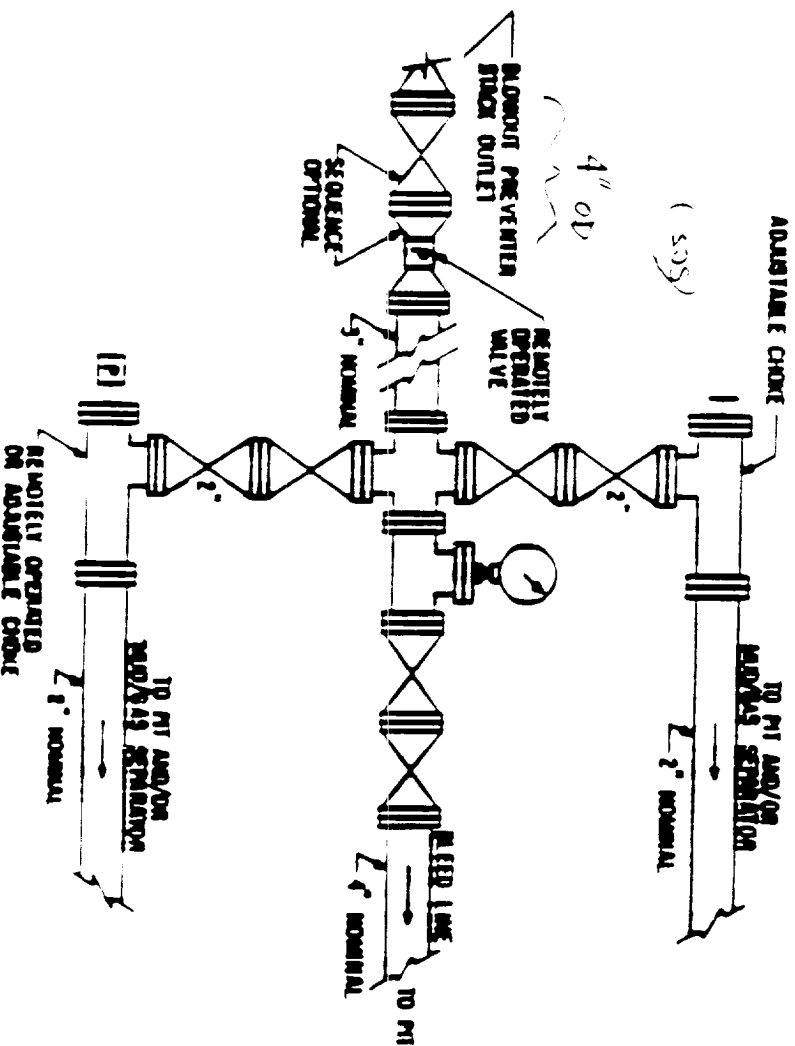
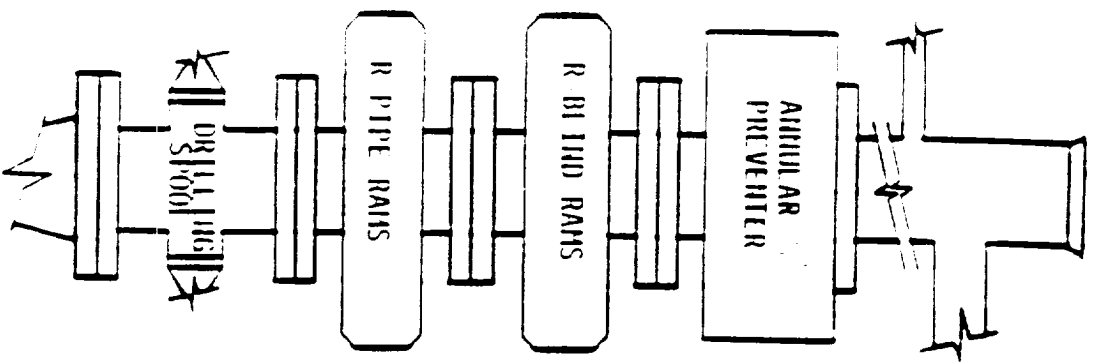


FIG. 8A.8

**TYPICAL CHUCK MANIFOLD ASSEMBLY FOR 6M
RATED MANIFOLD: ONE-PORT MANIFOLD**

ELF
H228 4-23-92