

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. 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		
b. 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		
2. NAME OF OPERATOR Southland Royalty Company			7. UNIT AGREEMENT NAME		
3. ADDRESS OF OPERATOR 21 Desta Drive, Midland, Texas 79705			8. FARM OR LEASE NAME West Corbin Federal		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 990' FSL & 1980' FEL Sec. 7, T18S, R33E At proposed prod. zone			9. WELL NO. 16		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 7 miles southeast of Maljamar, New Mexico			10. FIELD AND POOL, OR WILDCAT South Corbin (Wolfcamp)		
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 990'			11. SEC., T., E., M., OR BLK. AND SURVEY OR AREA Sec. 7, T18S, R33E		
16. NO. OF ACRES IN LEASE 960			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. 2700'			20. ROTARY OR CABLE TOOLS Rotary		
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3886' GR			22. APPROX. DATE WORK WILL START* 10-15-89		

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8"	48#	350'	350 sx Cl. "C"
12 1/4"	8 5/8"	24# & 28#	2900'	1400 sx Lite "C"
7 7/8"	5 1/2"	15.5# & 17#	11,800'	2100 sx TOC @ 2900'

Drill 17 1/2" hole to 350'. Set 13 3/8" csg @ 350'. Cmt. w/350 sx Cl "C", Circ. Drill 12 1/4" hole to 2900'. Run fluid caliper. Set 8 5/8" csg @ 2900'. Lead w/1200 sx Lite "C" tail in w/200 sx Cl "C", Circ. Drl to TD to test Middle & Lower Wolfcamp. If commercial run 5 1/2" csg to 11,800'. Cmt w/ sufficient volume to bring above all prospective zones. Est. TOC @2900'. Perf & stimulate Wolfcamp for production.

MUD PROGRAM: 0-350' spud mud; 350-2900' brine; 2900-10,200' cut brine & sweeps (chloride 30,000+). 10,200-TD cut brine & 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 13 3/8" csg. 11"-3M stack to be installed on 8 5/8" & left on for remainder of drlg. Stack to consist of annular BOP, blind ram BOP & one pipe ram BOP. Test BOP's after setting 8 5/8" csg with 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 Ruth L. Bradshaw TITLE Sr. Staff Env./Reg. Spec. DATE 8/23/89
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE 9-26-89
CONDITIONS OF APPROVAL, IF ANY: _____

*See Instructions On Reverse Side

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-4-65

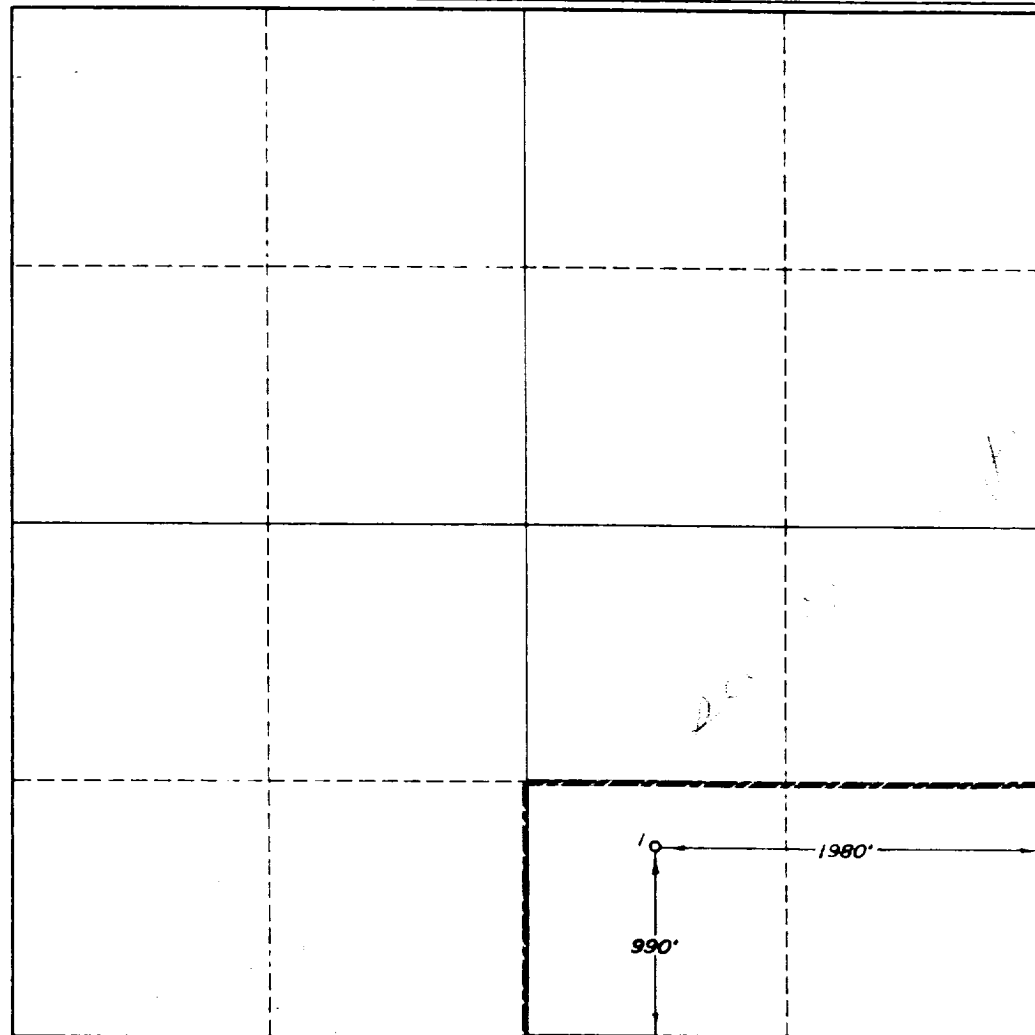
All distances must be from the outer boundaries of the Section.

Operator MERIDIAN OIL INC.			Lease WEST CORBIN FEDERAL			Well No. 16		
Unit Letter 0	Section 7	Township 18-SOUTH	Range 33-EAST	County LEA				
Actual Footage Location of Well:								
990		feet from the SOUTH		1980		feet from the EAST		Line
Ground Level Elev. 3886'		Producing Formation Wolfcamp		Pool South Corbin		Dedicated Acreage: 80 Acres		

- Outline the acreage dedicated to the subject well by colored pencil or hachure 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 interests 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 interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Robert L. Bradshaw
Name

Robert L. Bradshaw
Position
Sr. Staff Env./Reg. Spec.

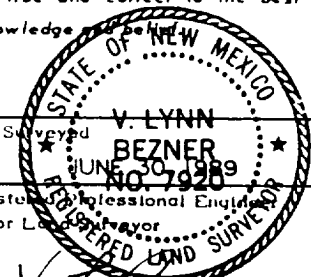
Meridian Oil Inc.
Company

August 23, 1989
Date

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.

V. LYNN BEZNER
Date Surveyed
JUN 30 1989
Registered Professional Engineer
and/or Licensed Surveyor

V. Lynn Bezner
Certificate No.
7920



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

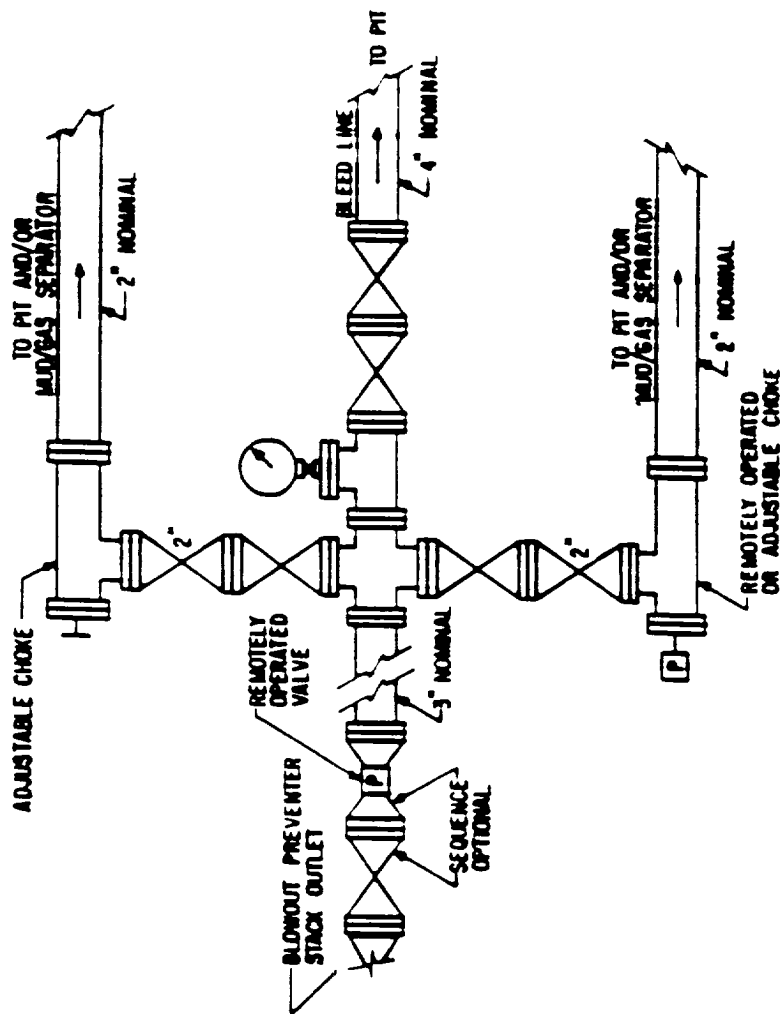
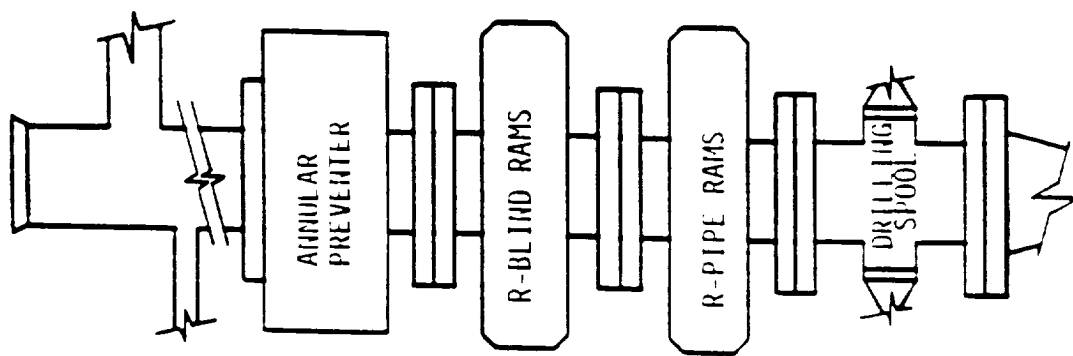


FIG. 3.A.2

TYPICAL CHOKES MANIFOLD ASSEMBLY FOR 6M
 RATED WORKING PRESSURE SERVICE --
 SURFACE INSTALLATION