

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONTACT RECEIVING
OFFICE FOR NUMBER
OF COPIES REQUIRED
(Check instructions on
reverse side)

30-025-30787

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

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. NM-26692		
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 JAN 17 11:27 AM '90		
2. NAME OF OPERATOR Southland Royalty Company			7. UNIT AGREEMENT NAME Huber "17" Federal		
3. ADDRESS OF OPERATOR 21 Desta Dr., Midland, TX 79705			8. FARM OR LEASE NAME 4		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 660' FSL & 1980' FEL At proposed prod. zone same			10. FIELD AND POOL, OR WILDCAT South Corbin (Wolfcamp)		
14. 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. 17, T18S, R33E		
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. 1900'		19. PROPOSED DEPTH 11,500'	20. ROTARY OR CABLE TOOLS Rotary		
21. ELEVATIONS (Show Whether DF, RT, GR, ETC.) 3854' GR			22. APPROX. DATE WORK WILL START* 2/01/90		

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	350'	CIRCULATE 350 sx
12 1/4"	8 5/8"	24	K-55	STC	2900'	CIRCULATE 1400 sx
7 7/8"	5 1/2"	17-15.5#	K-55	LTC	11,500'	As Below

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'. Lead w/1200 sx Class C Lite & tail in w/200 sx Class C. Circ. Drill to TD to test Wolfcamp. If commercial, run 5 1/2" csg to 11,500'. Cmt w/sufficient volume to bring above all prospective zones. Est. TOC @2900' using 2100 sx. Perf & stimulate Wolfcamp for production. MUD PROGRAM: 0-350' spud mud; 350'-2900' brine; 2900'-10,200' cut brine and sweeps (chloride 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 13 3/8" csg. 11"-3M stack to be installed on 8 5/8" and left on 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.

As per telecon w/B. Bradshaw, 1/22/90.

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 preventer program, if any.

24. SIGNED Robert L. Bradshaw TITLE Sr. Staff Env./Reg. Specialist DATE 01/15/90
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY Charles E. Anderson TITLE CARLS E. ANDERSON AREA DATE 1-22-90
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

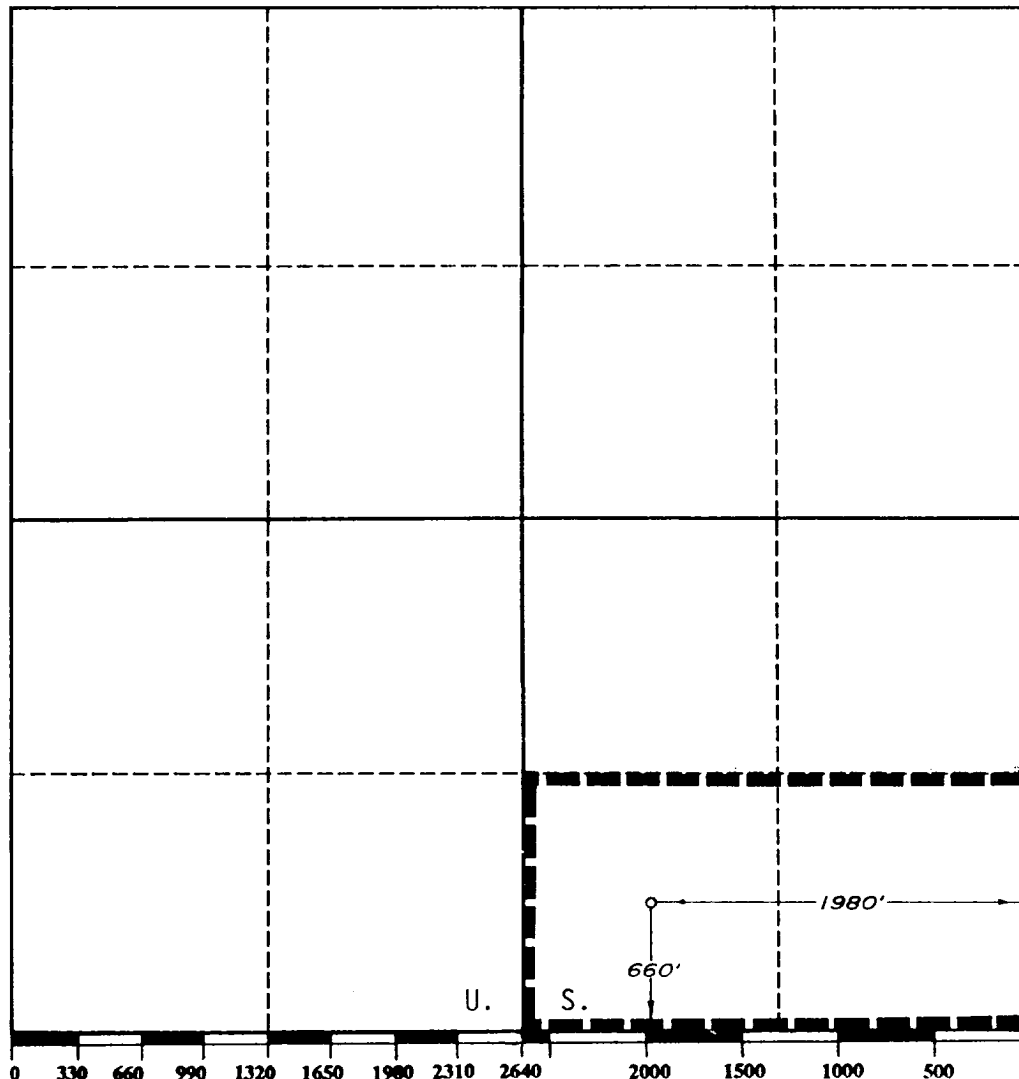
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator MERIDIAN OIL INC.			Lease HUBER "17" FEDERAL		Well No. 4
Unit Letter O	Section 17	Township 18-SOUTH	Range 33-EAST	County NMPM	LEA
Actual Footage Location of Well: 660 feet from the SOUTH line and 1980 feet from the EAST line					
Ground level Elev. 3854'	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 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
20 December 1989

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
DECEMBER 1989
Signature of
Professional Surveyor
V. Lynn Bezner
V. LYNN BEZNER
NO 7920
Certificate
NEW MEXICO
REGISTERED LAND SURVEYOR

no plat in dedicated acreage.

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

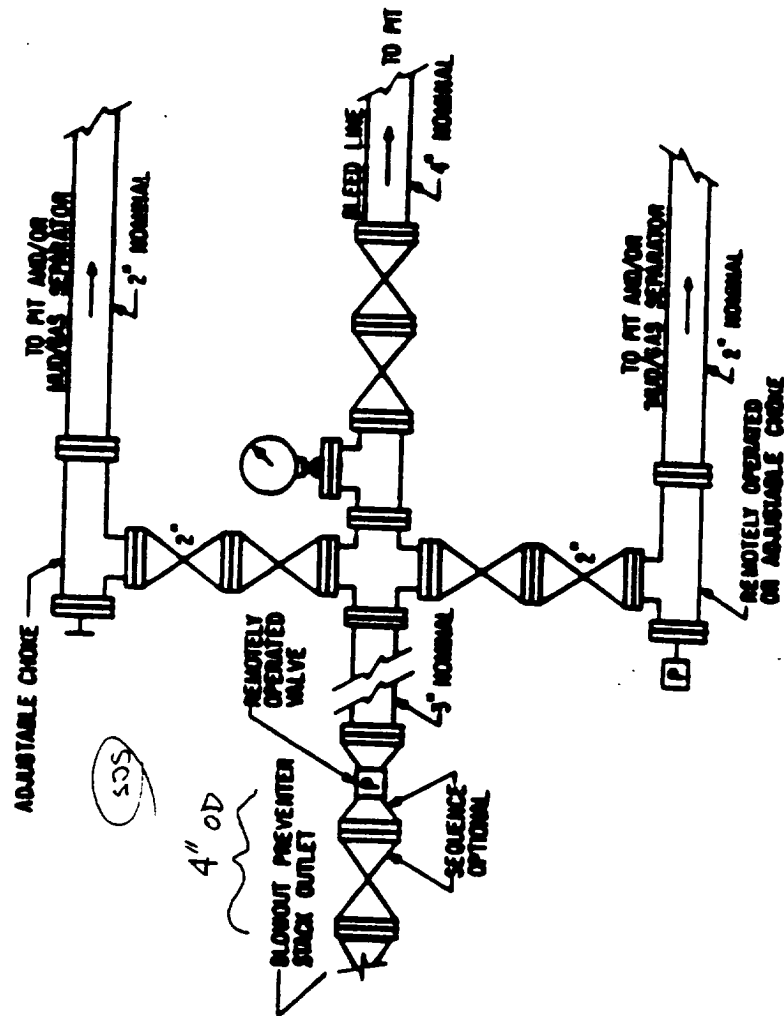
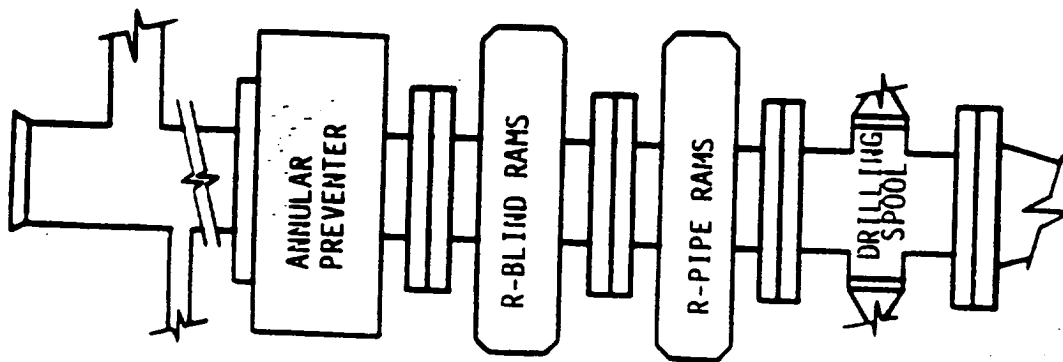


FIG. 2.A.2
 TYPICAL CHOKE MANIFOLD ASSEMBLY FOR 6M
 RATED WORKING PRESSURE SERVICE -
 SURFACE INSTALLATION