

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONTACT REPRODUCING
OFFICE FOR
OF COPIES RE
(Other instructions on
reverse side)

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

30-02531575

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-21172			
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 MERIDIAN OIL INC.			7. UNIT AGREEMENT NAME			
3a. AREA CODE & PHONE NO. 915-688-6906			8. FARM OR LEASE NAME PERCHA 15 FEDERAL COM.			
3. ADDRESS OF OPERATOR P.O. Box 51810, Midland, TX 79710-1810			9. WELL NO. 3			
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface L, 1830' FSL & 660' FWL At proposed prod. zone			10. FIELD AND POOL, OR WILDCAT SOUTH CORBIN-WOLFCAMP			
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 14 MILES SE FROM MALJAMAR			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 15, T-18-S, R-33-E			
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 80	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. NONE		19. PROPOSED DEPTH 11550'	20. ROTARY OR CABLE TOOLS ROTARY			
21. ELEVATIONS (Show Whether DF, RT, GR, ETC.) 3880' GR			22. APPROX. DATE WORK WILL START * UPON APPROVAL			
23. PROPOSED CASING AND CEMENTING PROGRAM						
Capitan Controlled Water Basin						
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'	425 SXS-SURF.
12-1/4"	8-5/8"	28#	K-55	BTC	2900'	1200 SXS-SURF.
7-7/8"	5-1/2"	17#	K-55 & N-80	LTC	11500'	2100 SXS-2700' ± TOC

80 ACRE PRORATION UNIT: COMMUNITIZATION - UNIT LETTER L, 40 ACRES, NM-21172 FEDERAL AND UNIT LETTER K, 40 ACRES, V8-161 STATE

MUD PROGRAM: 0-350' SPUD MUD, 350'-2900' BRINE, 2900'-10,700' CUT BRINE & SWEEPS (CHLORIDE 30,000+), 10,700'-TD CUT BRINE & DRISPA. 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.
10"-3M STACK TO BE INSTALLED ON 8-5/8" AND LEFT ON FOR REMAINDER OF DRLG.

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 _____ TITLE PRODUCTION ASST. DATE 2-24-92
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY _____ TITLE _____ DATE 4-6-92
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

OIL CONSERVATION DIVISION

DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

P.O. Drawer DD, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Artesia, NM 87410

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

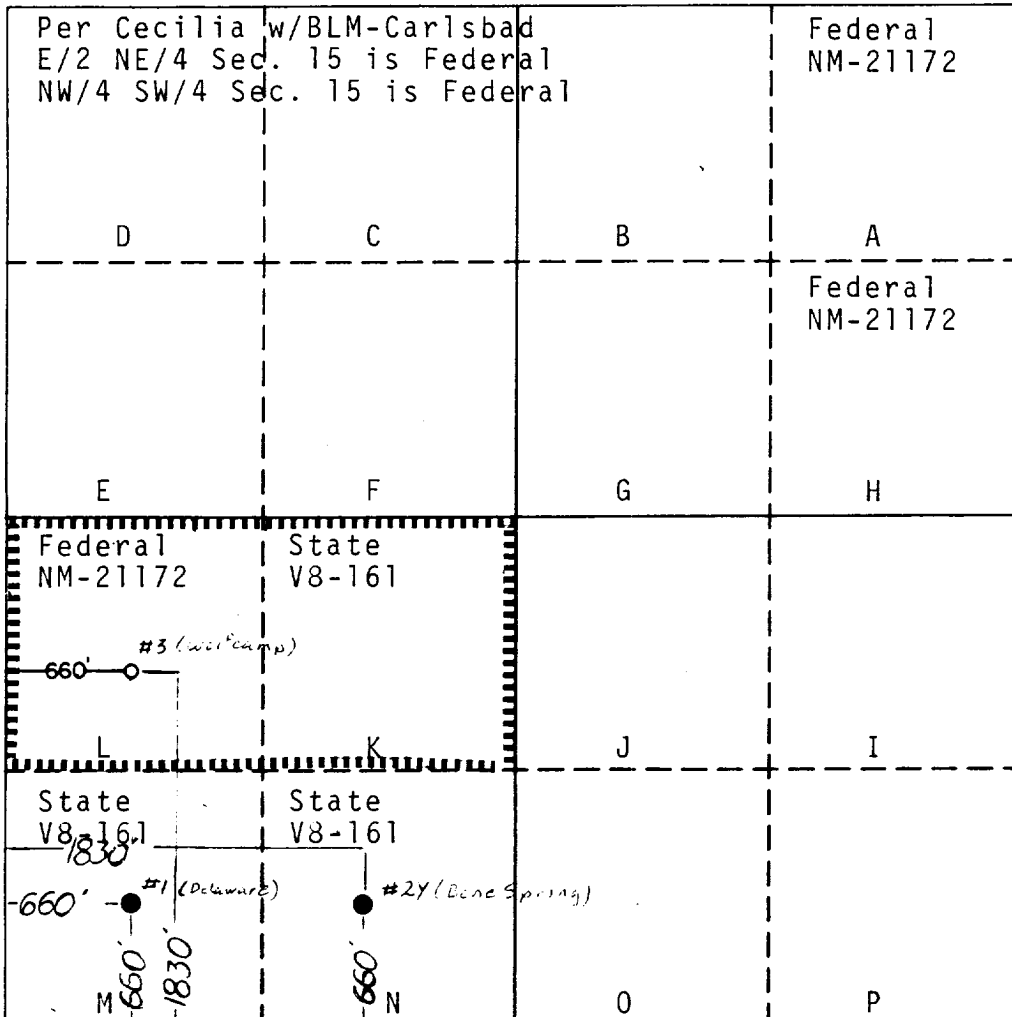
All Distances must be from the outer boundaries of the section

Operator Meridian Oil Inc.			Lease Percha 15 Federal Com.		Well No. 3
Unit Letter L	Section 15	Township 18 South	Range 33 East	NMPM	County Lea
Actual Footage Location of Well: 1830 feet from the South line and 660 feet from the West line					
Ground Level Elev. 3880.0	Producing Formation Wolfcamp		Pool South Corbin-Wolfcamp		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 communization, unitization, force-pooling, etc.?
☐ Yes ☐ No If answer is "yes" type of consolidation 80 acre proration unit-comm.

If answer is "no" list of owners and tract descriptions which have actually been consolidated. (Use reverse side of this form necessary.)

No allowable will be assigned to the well unit all interests have been consolidated (by communization, unitization, forced-pooling, 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

Printed Name

Maria L. Perez

Position

Production Asst.

Company

Meridian Oil Inc.

Date

1-22-92

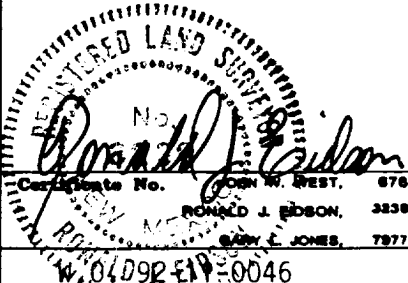
SURVEYOR CERTIFICATION

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

January 14, 1992

Signature & Seal of
Professional Surveyor



MERIDIAN OIL INC.
PERCHA 15 FEDERAL COM NO.3
L, 1830' FSL & 660' FWL
Sec. 15, T18S, R33E
Lea County, New Mexico
NM-21172

To supplement BLM Form 3160-3 Application to Drill the following additional information is submitted concerning questions on Page 5 of NTL-6:

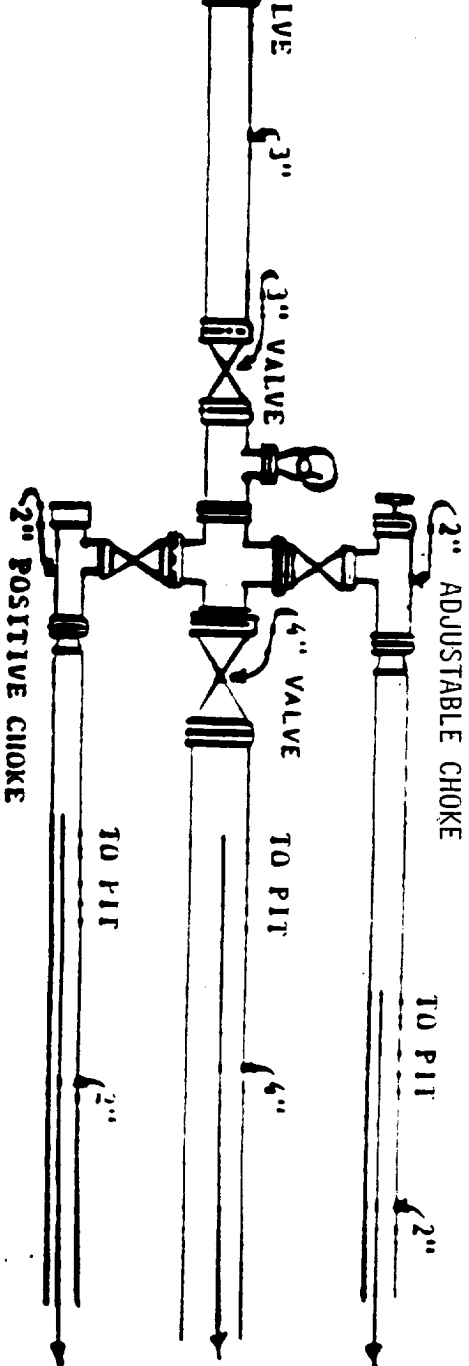
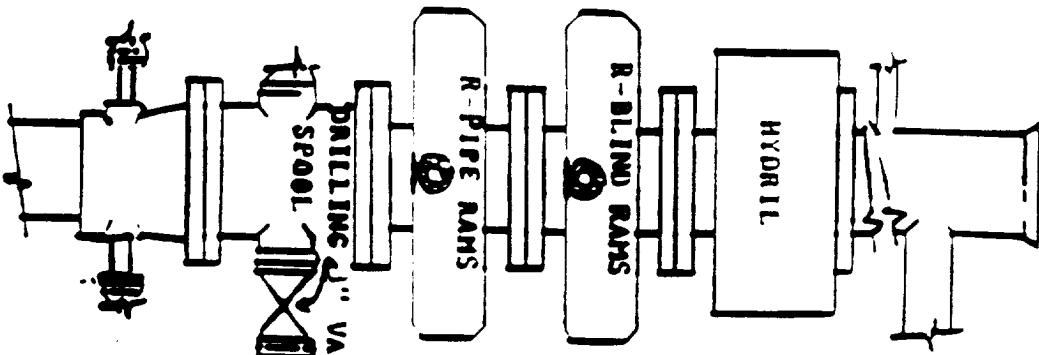
1. See Form 3160-3
2. See Form 3160-3
3. The geological name of surface formation is: Ochoa
4. See Form 3160-3
5. See Form 3160-3
6. The estimated tops of important geological markers are:

Rustler	1,420'	1st Bone Spring Sand	8,370'
Yates	2,915'	2nd Bone Spring Dolo	8,825'
San Andres	5,110'	Wolfcamp	11,000'
Delaware	5,200'	Lower Wolfcamp	11,050'
Bone Spring	7,500		

7. The estimated depths at which anticipated water, oil, gas, and mineral bearing strata are as follows:

Delaware	5,200'- Oil
7/Rivers	8,370'- Oil
Lower Wolfcamp	11,050'- Oil

8. See Form 3160-3. All casing will be new.
9. See Form 3160-3 for depths of strings. Cement volumes and additions as follows:
 - a. 13 5/8" csg: Cement w/425 sx Cl "C" + 2% CaCl₂ + 0.25 pps Celloflake. Circ to surface.
 - b. 8 5/8" csg: Cement w/1000 sx Lite "C" cmt w/15# salt. Also tail-in w/200 sx Cl "C" w/2% CaCl₂. Circ to surface. A fluid caliper will be run prior to setting 8 5/8" pipe to determine exact cement volumes required.
 - c. 5 1/2" csg: Cement 1st stage w/+800 sx Cl "H". Cmt 2nd stage w/1200 sx Lite & 100 Cl "H" to bring TOC @ 2700' with stage tool at +8,000'. A caliper log will be run prior to setting 5 1/2" pipe to determine exact cement volumes required.



BLOW OUT PREVENTION EQUIPMENT
 10" 900S ALL FLANGED CONNECTIONS
 3000# WORKING PRESSURE 6000# TEST

back 9-15-92

173

RECEIVED

APR 07 1992

OCD HCBDS OFFICE