

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL ☒ DEEPEN ☐ PLUG BACK ☐
b. TYPE OF WELL
OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐
2. NAME OF OPERATOR
MESA OPERATING LIMITED PARTNERSHIP
3. ADDRESS OF OPERATOR
P.O. BOX 2009, AMARILLO, TEXAS 79189
4. LOCATION OF WELL (Report location clearly and in accordance with applicable state requirements.)
At surface 2405' FNL/1725' FEL
At proposed prod. zone
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE
7 miles SE from Aztec, New Mexico
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 915'
16. NO. OF ACRES IN LEASE 320 319.26
17. NO. OF ACRES ASSIGNED TO THIS WELL E/2 317.04
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 700'
19. PROPOSED DEPTH 2670'
20. ROTARY OR CABLE TOOLS Rotary
21. ELEVATIONS (Show whether DF, RT, GR, etc.) This action is subject to technical and proposed well review pursuant to 43 CFR 3160.3
6068' GR
22. APPROX. DATE WORK WILL START*
23. PROPOSED CASING AND CEMENTING PROGRAM

RECEIVED
AUG 17 1990
OIL CON. DIV.
DIST. 3

5. LEASE DESIGNATION AND SERIAL NO.
SF 078204A
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
FC FEDERAL COM
9. WELL NO.
#10
10. FIELD AND POOL, OR WILDCAT
Undesignated
Basin-Fruitland Coal
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 33, T30N, R10W
12. COUNTY OR PARISH
San Juan
13. STATE
NM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24#	200'	150 sx "B" + 2% CaCl (Surface)
7 7/8"	5 1/2"	17#	2670'	300 Poz/250"B" (Surface)

Propose to spud well with 12 1/4" hole and drill to 200' and set 8 5/8" surface casing. Will cement with 150 sx of Class "B" and raise cement to surface. Will nipple up 2000 psi BOP assembly and drill 7 7/8" hole to TD of + 2670' with fresh water mud system. Will then log well and evaluate for possible commercial production. If successful, will then run 5 1/2" casing to + 2670' and cement with 300 sx Pozmix followed by 250 sx Class "B" cement. Will move off drilling rig and move in completion unit.

xc: BLM-Farmington (0+5), NMOCD-Aztec (1), WF, Reg, Land, Expl, Drilling
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 Cecily L. McKee TITLE Regulatory Analyst DATE 5/31/90
(This space for Federal or State office use)
PERMIT NO.
APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

"Approval of this action does not warrant that the applicant holds legal or equitable rights or title to this lease."

NMOCD

*See Instructions On Reverse Side

Submit to Appropriate
District Office
State Leases - 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

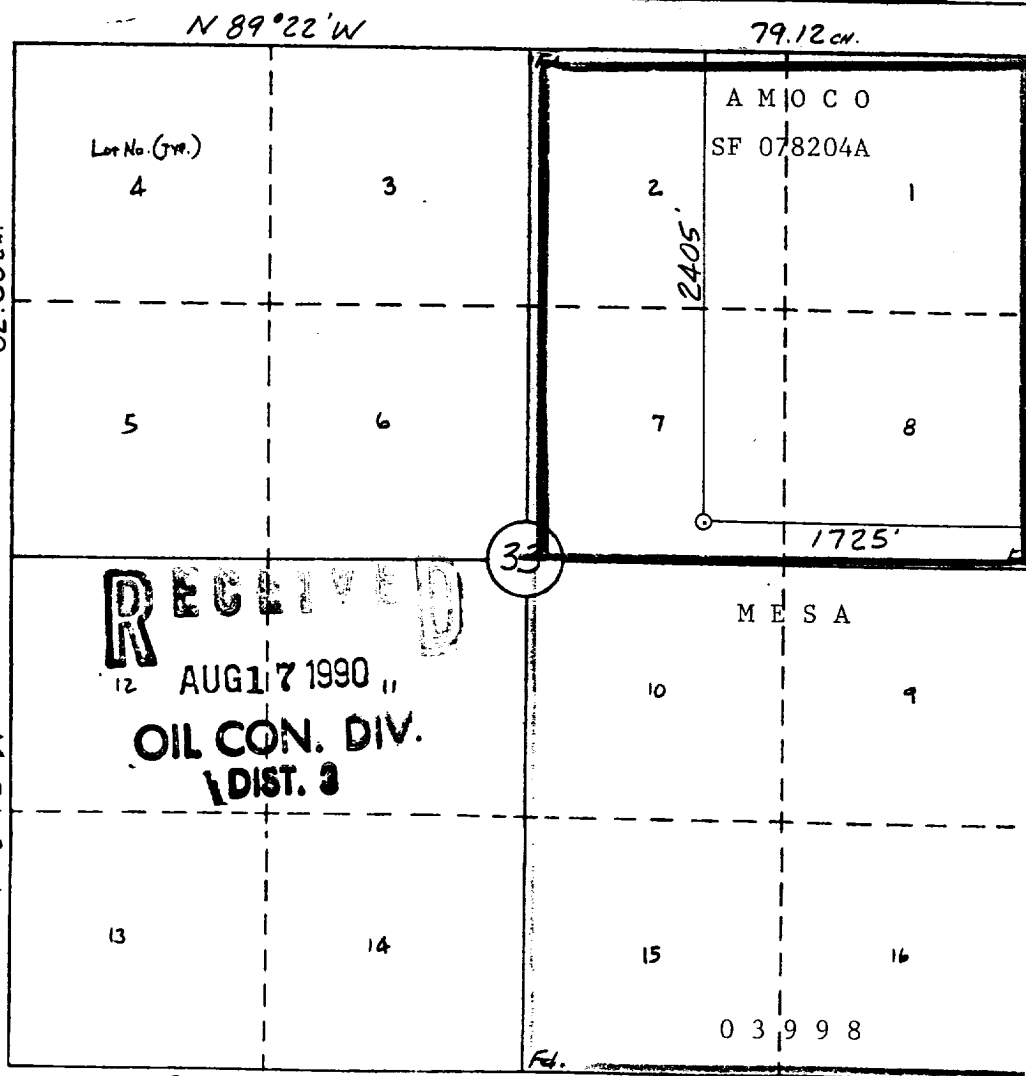
WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator MESA OPERATING LIMITED PARTNERSHIP			Lease FC FEDERAL COM		Well No. # 10
Unit Letter G	Section 33	Township 30 N	Range 10 W	County San Juan	
Actual Footage Location of Well: 2405 feet from the North line and 1725 feet from the East line					
Ground level Elev. 6068	Producing Formation Fruitland Coal	Pool Undesignated Basin-Fruitland Coal		Dedicated Acreage: E/2 317.04 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 Communitization
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.

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0



OPERATOR CERTIFICATION

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

Signature
Carolyn L. McKee
Printed Name
Carolyn L. McKee
Position
Regulatory Analyst
Company
Mesa Limited Partnership
Date
5/31/90

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.

8-8-89

Date Surveyed
William E. Mahnke II

Signature & Seal of
Professional Surveyor
WILLIAM E. MAHNKE II
NEW MEXICO
#8466
Certification No.
8466
REGISTERED PROFESSIONAL LAND SURVEYOR

