

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. SF 079968	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTED OR TRIBE NAME	
SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR MESA OPERATING LIMITED PARTNERSHIP		8. FARM OR LEASE NAME FC FED COM	
3. ADDRESS OF OPERATOR P.O. BOX 2009, AMARILLO, TEXAS 79189		9. WELL NO. # 30	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 875' FSL & 945' FWL At proposed prod. zone Same		10. FIELD AND POOL, OR WILDCAT Basin Fruitland Coal	
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA M Sec. 3-29N-14W		12. COUNTY OR PARISH San Juan	
13. STATE NM		14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 4 miles west of Farmington, New Mexico	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 875'		16. NO. OF ACRES IN LEASE 2483.72 2523.72	
17. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2500'		18. NO. OF ACRES ASSIGNED TO THIS WELL W/2 320	
19. PROPOSED DEPTH 1080'		20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5429' GR		22. APPROX. DATE WORK WILL START*	
23. This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and approved pursuant to 43 CFR 3165.4		DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS"	

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24#	120'	90 (106 Ft) B 7/2% CaCl (Surface)
7 7/8"	5 1/2"	17#	1080'	100 (190 Ft) Poz/100 (118 Ft) 'B'

Propose to spud well with 12 1/4" hole and drill to 120' and set 8 5/8" surface casing. Will cement with 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 +1080' 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 + 1080' and cement with 100 sx Pozmix followed by 100 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., Drlg
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 Carah L. McKee TITLE Regulatory Analyst DATE 6/25/90

(This space for use of State and local agencies)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

OIL CON. DIV.
DIST. 3

NMOCD

AREA MANAGER

*See Instructions On Reverse Side

1971-1972

1973-1974

1975-1976

1977-1978

1979-1980

1981-1982

1983-1984

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 MESA OPERATING LIMITED PARTNERSHIP			Lease FC FEDERAL COM		Well No 30
Unit Letter M	Section 3	Township 29 N	Range 14 W	County San Juan	
Actual Footage Location of Well: 875 feet from the South line and 945 feet from the West line					
Ground level Elev. 5429	Producing Formation Fruitland Coal		Pool Basin Fruitland Coal		Dedicated Acreage: W/2 320 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).

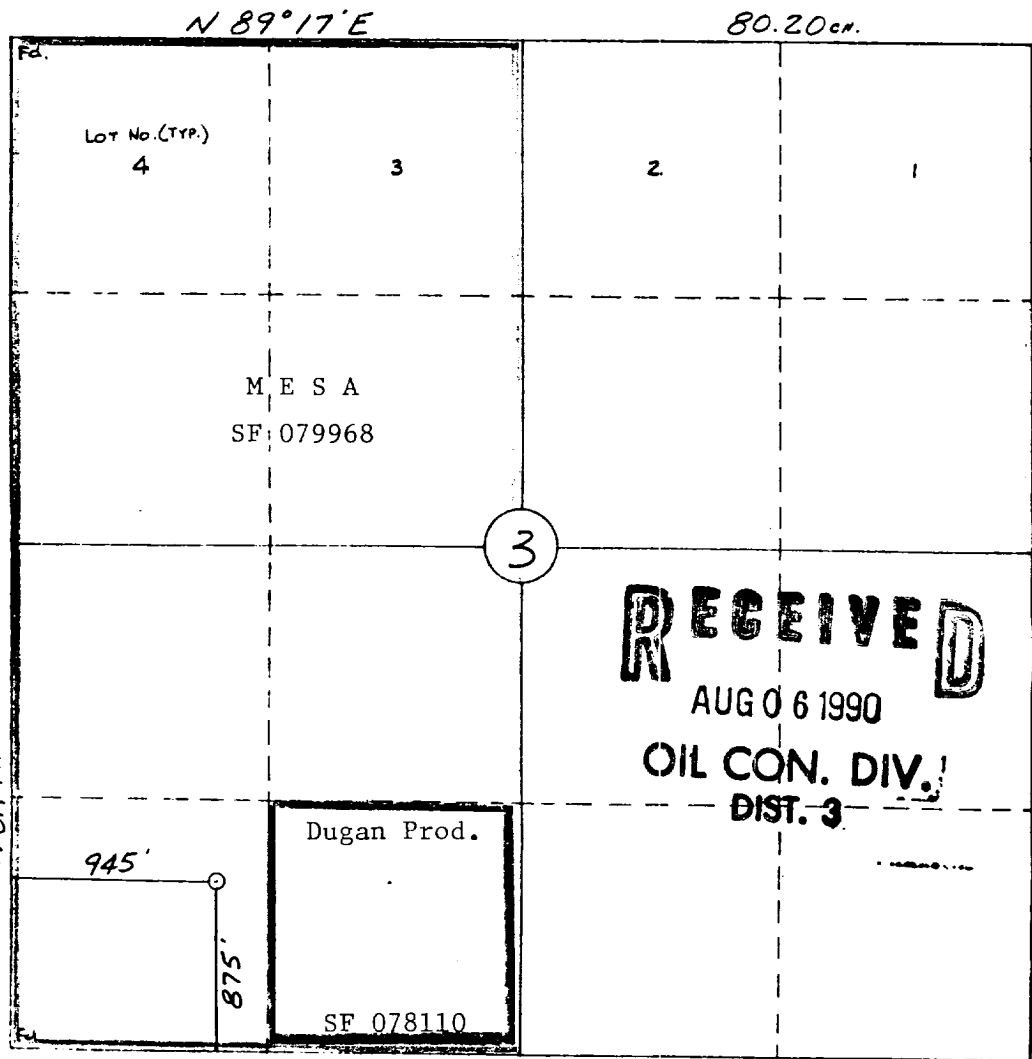
3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?

☒ Yes ☐ No If answer is "yes" type of consolidation **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.

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 Ltd Partnership

Date
6/22/90

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.

6-7-90

Date Surveyed
William E. Mahanke II

Signature & Seal of Professional Surveyor

NEW MEXICO
#8466
PROFESSIONAL LAND SURVEYOR

MESA OPERATING LIMITED PARTNERSHIP
FC FEDERAL COM #30
875'FSL & 945'FWL
Sec.3, T29N, R14W
San Juan Co., N.M.

