

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-101
Revised 1-1-89

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., Aztec, NM 87410

P.O. Box 2088
Santa Fe, New Mexico 87501-2088

RECEIVED

AUG 23 1990

API NO. (assigned by OCD on New Wells)

30-045-28172

5. Indicate Type of Lease

STATE ☐

FEE ☒

6. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, PLUG BACK

1a. Type of Work:

DRILL ☒

RE-ENTER ☐

DEEPEN ☐

PLUG BACK ☐

b. Type of Well:

OIL
WELL ☐

GAS
WELL ☒

OTHER

SINGLE
ZONE ☒

MULTIPLE
ZONE ☐

7. Lease Name or Unit Agreement Name

FC FEE

2. Name of Operator

MESA OPERATING LIMITED PARTNERSHIP

8. Well No.

1

3. Address of Operator

P.O. BOX 2009, AMARILLO, TEXAS 79189

9. Pool name or Wildcat

Basin Fruitland Coal

4. Well Location

Unit Letter G : 1770 Feet From The North Line and 1600 Feet From The East Line

Section 5 Township 31N Range 10W NMPM San Juan County

10. Proposed Depth

2760' 2628'

11. Formation

Fruitland Coal

12. Rotary or C.T.

Rotary

13. Elevations (Show whether DF, RT, GR, etc.)

5826' GR

14. Kind & Status Plug. Bond

Blanket

15. Drilling Contractor

Not Yet Determined

16. Approx. Date Work will start

17.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/4"	9 5/8"	36#	200'	150 sx 'B'/2%CC	Surface
8 3/4"	7"	20#	2300'	250 Poz/100 'B'	Surface
6 1/4"	5"	17#	2285'-2628'	None	
	2 3/8"	4.7#	2595'		

Propose to spud well with 12 1/4" hole and drill to 200' and set 9 5/8" surface casing. Will cement with 150 sx (yield = 1.18 Ft³, 177 Ft³) of Class "B" and raise cement to surface. Will nipple up 3000 psi BOP assembly and drill 8 3/4" hole to TD of 2300' with fresh water mud system. Will run 7" casing to 2300' and cement with 250 sx Pozmix (yield - 1.8 Ft³, 450 Ft³) followed by 100 sx Class "B" cement (yield - 1.18 Ft³, 118 Ft³). Will NU 3000 psi BOPD diverter system and drill 6 1/4" hole to TD of 2628' with air and water. Will run 5" liner uncemented. Will hang off 2 3/8" tubing @ 2595'.

xc: NMOCD-Aztec (0+5), 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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

SIGNATURE Catalyn R. McKee TITLE Sr. Regulatory Analyst DATE 8/20/90

TYPE OR PRINT NAME

TELEPHONE NO.

(This space for State Use)

APPROVED BY Emil Brand DEPUTY OIL & GAS INSPECTOR, DIST. # 5 DATE AUG 24 1990

CONDITIONS OF APPROVAL, IF ANY:

APPROVAL EXPIRES 2-24-91
UNLESS DRILLING IS COMMENCED.
SPUD NOTICE MUST BE SUBMITTED
WITHIN 10 DAYS.

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Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

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P.O. Box 2088
Santa Fe, New Mexico 87504-2088

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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 FEE		Well No. 1
Unit Letter G	Section 5	Township 31 N	Range 10 W	County San Juan	
Actual Footage Location of Well: 1770 feet from the North line and 1600 feet from the West line					
Ground level Elev. 5826	Producing Formation Fruitland Coal		Pool Basin Fruitland Coal		Dedicated Acreage: N/2 320.25 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).

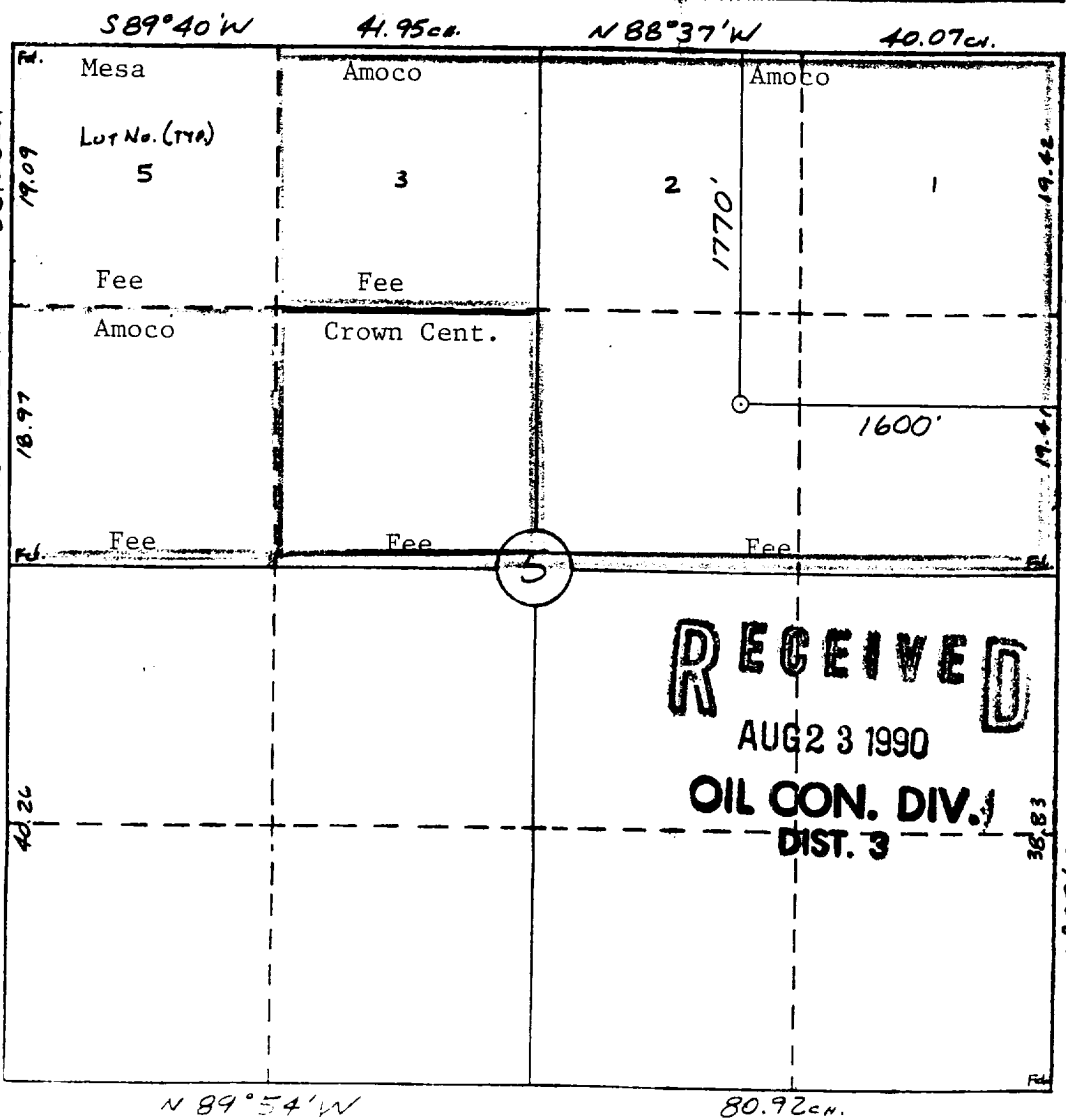
3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?

☐ 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.

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600



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
8/20/90

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.

7-24-90

Date Surveyed
William E. Mahnke II
Signature & Seal of Professional Surveyor
William E. Mahnke II
Certificate No.
8466