

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

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

OIL CONSERVATION DIVISION  
P.O. Box 2088  
Santa Fe, New Mexico 87504-2088  
MAR 02 1990

OIL CON. DIV

API NO. (assigned by OCD on New Wells)

30-045-27623

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

B 10796

7. Lease Name or Unit Agreement Name

FC STATE COM

8. Well No.

# 16

9. Pool name or Wildcat

Basin Fruitland Coal

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work:

DRILL ☒ RE-ENTER ☐ DEEPEN ☐ PLUG BACK ☐

b. Type of Well:

OR 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. Well Location

Unit Letter G : 1870 Feet From The North Line and 1705 Feet From The East Line

Section 16 Township 30N Range 11W NMPM San Juan County

10. Proposed Depth

2320'

11. Formation

Fruitland Coal

12. Rotary or C.T.

Rotary

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

5777' 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

E/320

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/4"	8 5/8"	24#	200'	150 sx 'B'+2%CC	Surface
7 7/8"	5 1/2"	17#	2320'	250 Poz/250 'B'	Surface
	2 3/8"	4.7#	2270'		

Propose to spud well with 12 1/4" hole and drill to 200' and set 8 5/8" surface casing. Will cement with 150 (yield = 1.18 FT<sup>3</sup>/sx, 177 FT<sup>3</sup>) sx of Class "B" and raise cement to surface. Will nipple up 3000 psi BOP assembly and drill 7 7/8" hole to TD of 2320' 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 2320' and cement with 250 (yield = 1.8 FT<sup>3</sup>/sx, 450 FT<sup>3</sup>) sx Pozmix followed by 250 (yield = 1.18 FT<sup>3</sup>/sx, 295 FT<sup>3</sup>) sx Class "B" cement. Will move off drilling rig and move in completion unit.

APPROVAL EXPIRES 9-2-90  
UNLESS DRILLING IS COMMENCED.  
SPUD NOTICE MUST BE SUBMITTED  
WITHIN 10 DAYS

XC: NMOCD (0+5), BLM-Farmington (1), WF, Reg, Land, Expt., 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 Cathy L. McKee TITLE Regulatory Analyst DATE 2/27/90

TYPE OR PRINT NAME \_\_\_\_\_ TELEPHONE NO. \_\_\_\_\_

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT III DATE MAR 02 1990

CONDITIONS OF APPROVAL, IF ANY:

03413320

100-100000

OFFICE OF  
THE DIRECTOR

100-100000

100-100000

Submit to Appropriate  
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Fee Lease - 3 copies

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Energy, Minerals and Natural Resources Department

Form C-102  
Revised 1-1-89

OIL CONSERVATION DIVISION

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Santa Fe, New Mexico 87504-2088

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WELL LOCATION AND ACREAGE DEDICATION PLAT

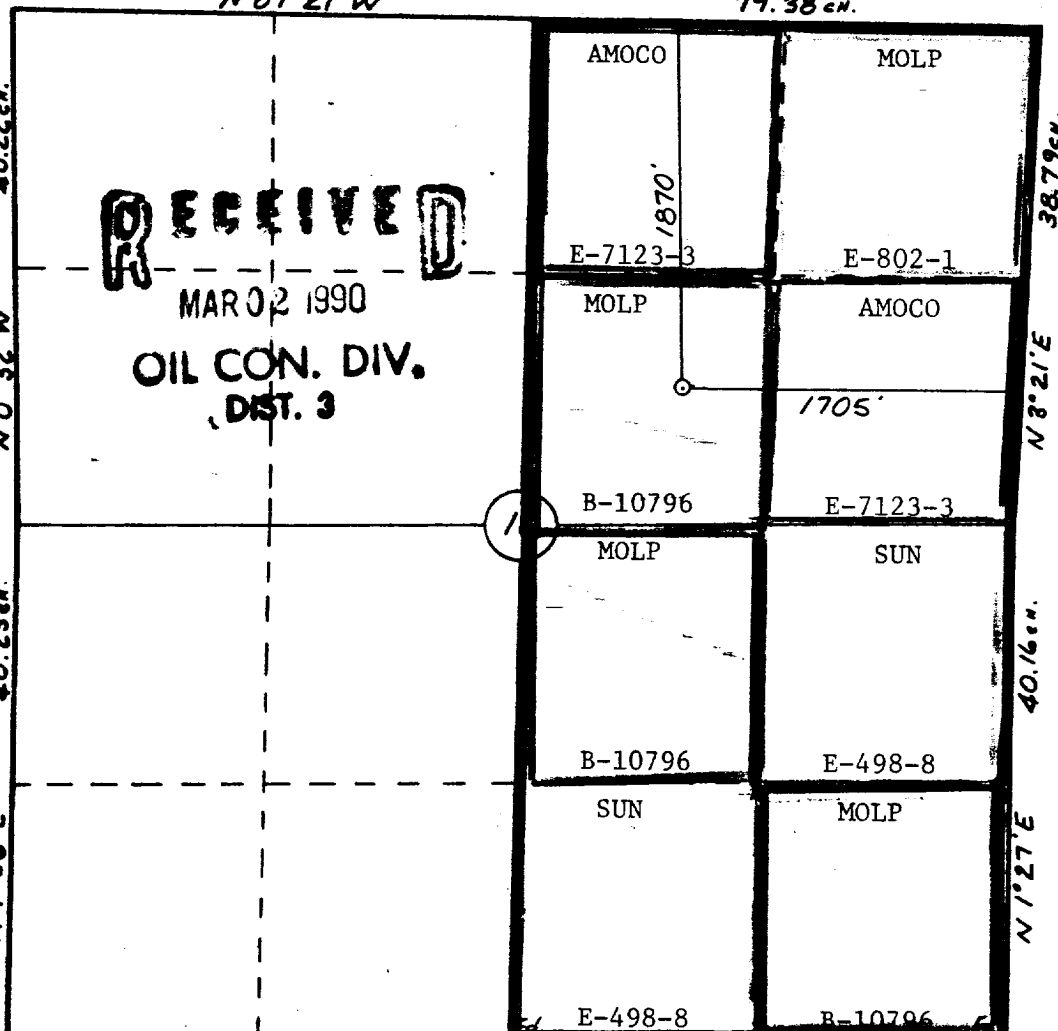
All Distances must be from the outer boundaries of the section

Operator MESA OPERATING LIMITED PARTNERSHIP			Lease FC STATE COM		Well No. 16
Unit Letter G	Section 16	Township 30 N	Range 11 W	County San Juan	
Actual Footage Location of Well: 1870 feet from the North line and 1705 feet from the East line					
Ground level Elev. 5777	Producing Formation Fruitland Coal	Pool Basin Fruitland Coal		Dedicated Acreage: E/2 320 Acres	
<p>1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.</p> <p>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).</p> <p>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.? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If answer is "yes" type of consolidation <u>Communitization</u></p> <p>If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)</p> <p>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.</p>					

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

N 89° 21' W

79.38 CH.



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  
2/27/90

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.

2-7-90

Date Surveyed  
William E. Mink II  
Signature & Seal of Professional Surveyor  
#8466  
NEW MEXICO  
REGISTERED PROFESSIONAL LAND SURVEYOR