

Submit to Appropriate  
District Office  
Rate \$ .000 - 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  
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

API NO. (assigned by OCD on New Wells) <u>30-045-27513</u>
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. E 5113-16
7. Lease Name or Unit Agreement Name FC STATE COM
8. Well No. # 5
9. Pool name or Wildcat Basin Fruitland Coal

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK					
1a. Type of Work: DRILL <input checked="" type="checkbox"/> RE-ENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>					
b. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>					
2. Name of Operator MESA OPERATING LIMITED PARTNERSHIP					
3. Address of Operator P.O. BOX 2009, AMARILLO, TEXAS 79189					
4. Well Location Unit Letter <u>K</u> : <u>1700</u> Feet From The <u>South</u> Line and <u>1580</u> Feet From The <u>West</u> Line Section <u>2</u> Township <u>29N</u> Range <u>8W</u> NMPM San Juan County					
10. Proposed Depth 2930'		11. Formation Fruitland Coal		12. Rotary or C.T. Rotary	
13. Elevations (Show whether DF, RT, GR, etc.) 6102'		14. Kind & Status Plug. Bond Blanket		15. Drilling Contractor Not Yet Determined	
16. Approx. Date Work will start January 1, 1990					
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"	8 5/8"	24#	200'	150 sx 'B'/2% CC	Surface
7 7/8"	5 1/2"	17#	2930'	350 Poz/250 'B'	Surface
	2 3/8"	4.7#	2830'		

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 3000 psi BOP assembly and drill 7 7/8" hole to TD of 2930' 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 2930' and cement with 350 sx Pozmix followed by 250 sx Class "B" cement. Will move off drilling rig and move in completion unit.

APPROVAL EXPIRES 4-20-90  
UNLESS DRILLING IS COMMENCED.  
SPUD NOTICE MUST BE SUBMITTED  
WITHIN 10 DAYS.

RECEIVED

OCT 19 1989

OIL CON. DIV

DIST-3

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 R. E. Mathis TITLE Regulatory Agent DATE 10/17/89

TYPE OR PRINT NAME TELEPHONE NO.

(This space for State Use)

APPROVED BY Ernie Beach DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE OCT 20 1989

CONDITIONS OF APPROVAL, IF ANY:

# OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

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## 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 <b>MESA OPERATING LIMITED PARTNERSHIP</b>			Lease <b>FC STATE COM</b>		Well No. <b>5</b>
Unit Letter <b>K</b>	Section <b>2</b>	Township <b>29 N</b>	Range <b>8 W</b>	County <b>San Juan</b>	
Actual Footage Location of Well: <b>1700</b> feet from the <b>South</b> line and <b>1580</b> feet from the <b>West</b> line					
Ground level Elev. <b>6102</b>	Producing Formation <b>Fruitland Coal</b>		Pool <b>Basin Fruitland Coal</b>		Dedicated Acreage: <b>S/2 320 Acres</b>
<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> 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>					

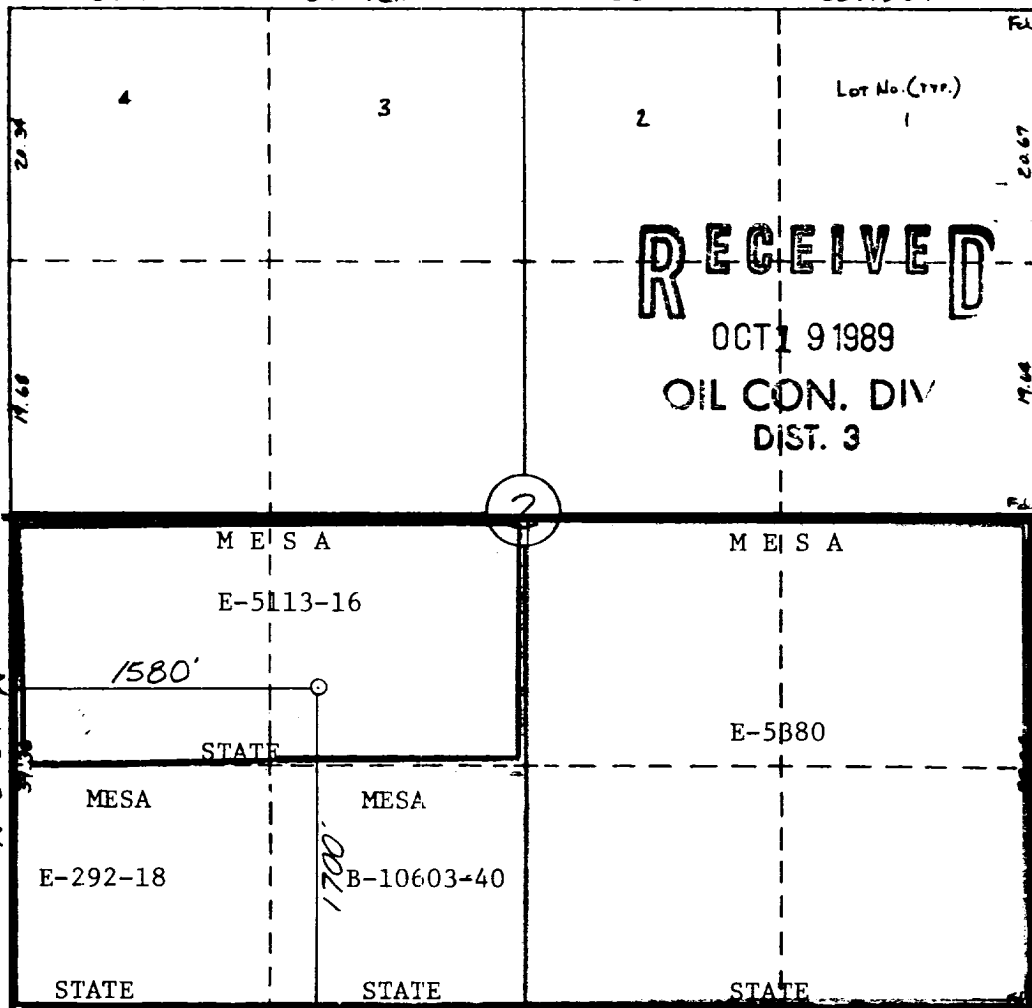
330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

N 87°10' W

39.91 CH

S 88°26' W

38.95 CH



### OPERATOR CERTIFICATION

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

Signature

*R. E. Mathis*

Printed Name

R. E. Mathis

Position

Regulatory Agent

Company

Mesa Operating Ltd Partnership

Date

10/17/89

### 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.

10-10-89

Date Surveyed

William E. Mathis II

Signature & Seal of Professional Surveyor



Certificate No. 8466