

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

OIL CON. DIV.  
DIST. 3

API NO. (assigned by OCD on New Wells) <u>30-045-27620</u>	
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>	
6. State Oil & Gas Lease No. E-3149	
7. Lease Name or Unit Agreement Name FC STATE COM	
8. Well No. # 17	
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>1580'</u> Feet From The <u>South</u> Line and <u>1335'</u> Feet From The <u>West</u> Line Section <u>36</u> Township <u>29N</u> Range <u>10W</u> NMPM San Juan County					
10. Proposed Depth 2050'		11. Formation Fruitland Coal		12. Rotary or C.T. Rotary	
13. Elevations (Show whether DF, RT, GR, etc.) 5629' 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"	8 5/8"	24#	200'	150 sx 'B'+2%CC	Surface
7 7/8"	5 1/2"	17#	2050'	200 Poz/250 'B'	Surface
	2 3/8"	4.7#	2000'		

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 2050' 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 2050' and cement with 200 (yield = 1.18 FT<sup>3</sup>/sx, 360 FT<sup>3</sup>) sx Pozmix followed by 250 (yield = 1.8 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-Aztec (0+5), BLM-Farmington (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. 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 Charles L. McKee TITLE Regulatory Analyst DATE 2/27/90

TYPE OR PRINT NAME

TELEPHONE NO.

(This space for State Use)

APPROVED BY [Signature] TITLE Regulatory Analyst DATE MAR 02 1990

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

OFFICE OF THE  
DIRECTOR

RECEIVED

RECEIVED

Submit to Appropriate  
District Office  
State Leases - 4 copies  
Fee Leases - 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

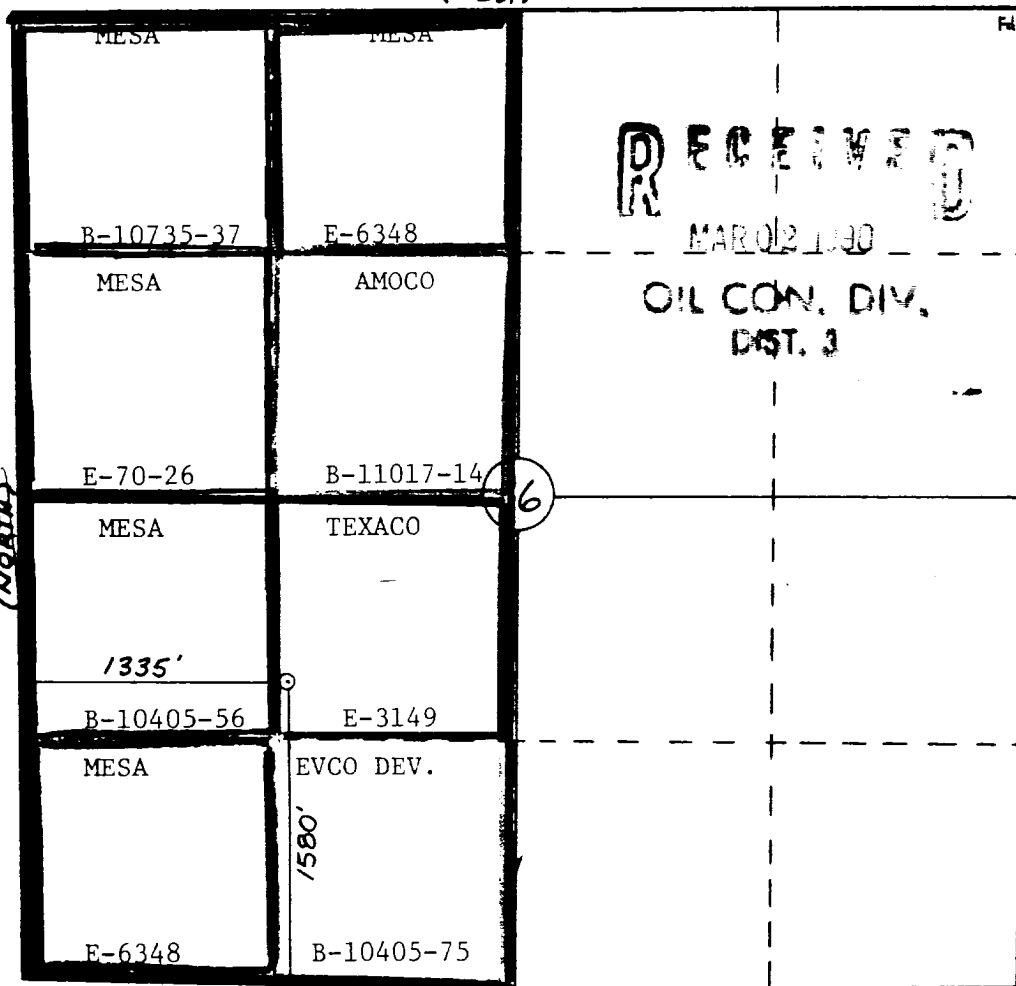
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator MESA OPERATING LIMITED PARTNERSHIP			Lease FC STATE COM		Well No. 17
Unit Letter K	Section 36	Township 29 N	Range 10 W	County San Juan	
Actual Footage Location of Well: 1580 feet from the South line and 1335 feet from the West line					
Ground level Elev. 5629	Producing Formation Fruitland Coal	Pool Basin Fruitland Coal		Dedicated Acreage: W/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 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  
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. Mahnke II

Signature & Seal of  
Professional Land Surveyor  
WILLIAM E. MAHNKE II  
NEW MEXICO  
#8466  
Certification # 8466  
PROFESSIONAL LAND SURVEYOR

Submit 3 Copies  
to Appropriate  
District Office

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-103  
Revised 1-1-89

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P.O. Box 1980, Hobbs, NM 88240

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1000 Rio Brazos Rd., Aztec, NM 87410

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

WELL API NO. 30-045-27620
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. E 3149

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER	7. Lease Name or Unit Agreement Name FC STATE COM
2. Name of Operator MESA OPERATING LIMITED PARTNERSHIP	8. Well No. # 17
3. Address of Operator P.O. BOX 2009, AMARILLO, TEXAS 79189	9. Pool name or Wildcat Basin Fruitland Coal
4. Well Location Unit Letter K : 1580' Feet From The South Line and 1335' Feet From The West Line Section 36 Township 29N Range 10W NMPM San Juan County	
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 5629' GR	

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
OTHER: <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
	CASING TEST AND CEMENT JOB <input type="checkbox"/>
	OTHER: TD and Production Casing <input checked="" type="checkbox"/>

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Drilled to a TD of 2050' on May 1, 1990 by Four Corners Rig # 5.  
Set 5 1/2" 17# N-80 LT&C casing at 2050'. Cemented with 375 sx 65% "B"  
and 35% Poz; tailed in with 220 sx "B". WOCU

RECEIVED  
MAY 07 1990  
OIL CON. DIV.  
DIST. 3

xc: NMOCDA-A (0+5), WF, Reg, Expl., Drilling, Land

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

SIGNATURE Carey L. McKee TITLE Regulatory Analyst DATE 5/2/90  
TYPE OR PRINT NAME \_\_\_\_\_ TELEPHONE NO. \_\_\_\_\_

(This space for State Use)

APPROVED BY Original Signed by FRANK T. CHAVEZ TITLE SUPERVISOR DISTRICT 3 DATE MAY 07 1990  
CONDITIONS OF APPROVAL, IF ANY: