

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

Santa Fe, New Mexico 87504-2088

JUN 22 1990

OIL CON. DIV.

API NO. (assigned by OCD on New Wells)
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name FC FEE COM
8. Well No. # 7
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 M : 990' Feet From The South Line and 990' Feet From The West Line Section 10 Township 29N Range 14W NMPM San Juan County					
10. Proposed Depth 960'		11. Formation Fruitland Coal		12. Rotary or C.T. Rotary	
13. Elevations (Show whether DF, RT, GR, etc.) 5338' 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#	100'	90 sx 'B'/2% CC	Surface
7 7/8"	5 1/2"	17#	960'	100 Poz/100 'B'	Surface
	2 3/8"	4.7#	900'		

Propose to spud well with 12 1/4" hole and drill to 100; and set 8 5/8" surface casing. Will cement with 90 sx (yield 1.18 Ft³, 106 Ft³) of Class "B" and raise cement to surface. Will nipple up 3000 psi BOP assembly and drill 7 7/8" hole to TD of 960' 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 960' and cement with 100 sx (yield = 1.9 Ft³, 190 Ft³) Pozmix followed by 100 sx (yield = 1.18 Ft³, 118 Ft³) Class "B" cement. Will move off drilling rig and move in completion unit.

APPROVAL EXPIRES 12-25-90
UNLESS DRILLING IS COMMENCED.
SPUD NOTICE MUST BE SUBMITTED
WITHIN 10 DAYS.

xc: NMOC-D-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 Charles L. McKee TITLE Regulatory Analyst DATE 6/19/90
TYPE OR PRINT NAME _____ TELEPHONE NO. _____

(This space for State Use)

APPROVED BY Frank Burch TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE JUN 25 1990
CONDITIONS OF APPROVAL, IF ANY:

Submit to Appropriate
District Office
State Leases - 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

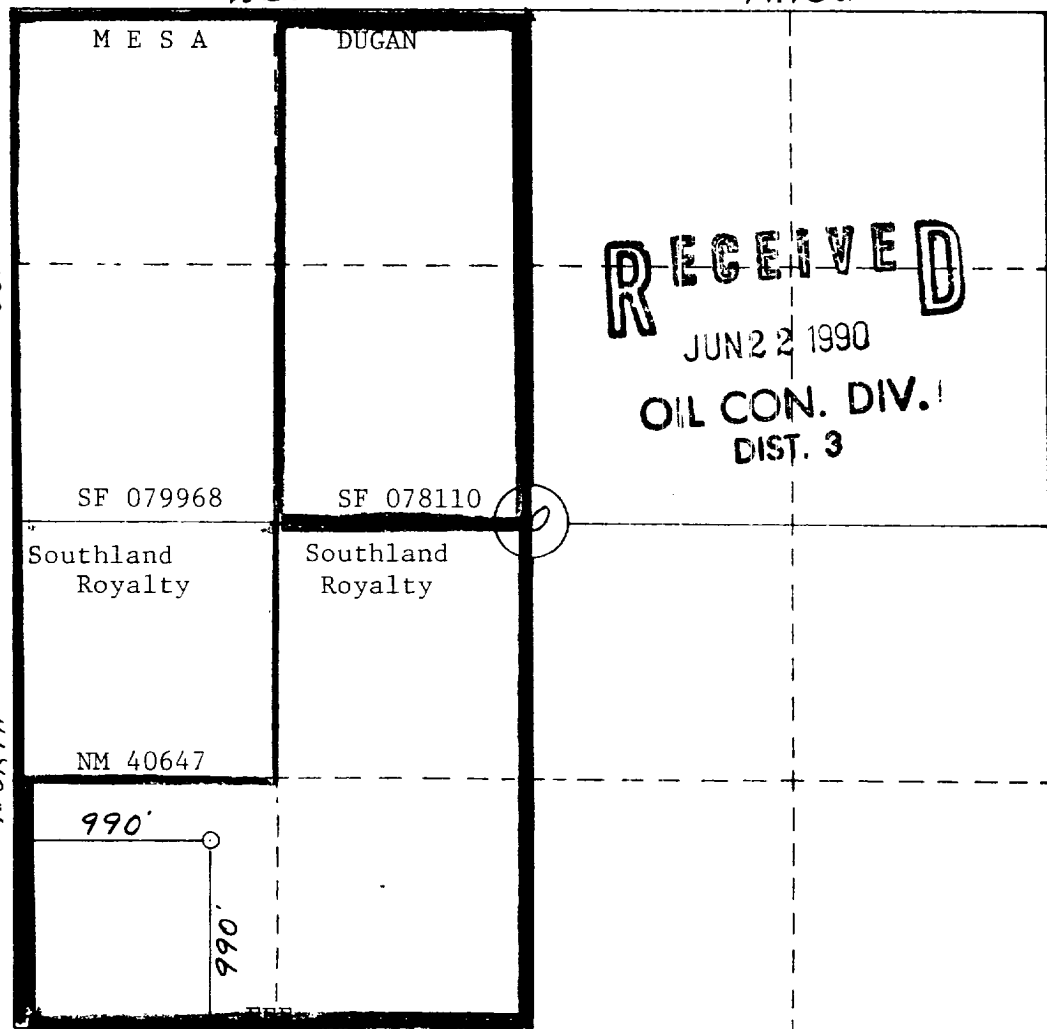
All Distances must be from the outer boundaries of the section

Operator MESA OPERATING LIMITED PARTNERSHIP		Lease FC FEE COM		Well No. 7
Unit Letter M	Section 10	Township 29 N	Range 14 W	County San Juan
Actual Footage Location of Well: 990 feet from the South line and 990 feet from the West line				
Ground level Elev. 5338	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

WEST

79.90 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 Ltd Partnership
Date
6/19/90

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.

6-8-90
Date Surveyed
William E. Mahke II
Signature of Surveyor
William E. Mahke II
Professional Surveyor
NEW MEXICO
REGISTERED PROFESSIONAL LAND SURVEYOR
#8466
Certificate No.
8466