

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 87504-2088

NOV 5 1990
OIL CON. DIV.
DIST. III

API NO. (assigned by OCD on New Wells)	30-045-28363
5. Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.	B 10803-29
7. Lease Name or Unit Agreement Name	FC STATE COM
8. Well No.	# 28
9. Pool name or Wildcat	Basin Fruitland Coal

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK					
1a. Type of Work:		7. Lease Name or Unit Agreement Name			
DRILL <input checked="" type="checkbox"/> RE-ENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		FC STATE COM			
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		8. Well No.			
MESA OPERATING LIMITED PARTNERSHIP		# 28			
3. Address of Operator		9. Pool name or Wildcat			
P.O. BOX 2009, AMARILLO, TEXAS 79189		Basin Fruitland Coal			
4. Well Location					
Unit Letter H : 1495 Feet From The North Line and 805 Feet From The East Line					
Section 36 Township 31N Range 11W NMPM San Juan County					
10. Proposed Depth		11. Formation	12. Rotary or C.T.		
2790'		Fruitland Coal	Rotary		
13. Elevations (Show whether DF, RT, GR, etc.)	14. Kind & Status Plug. Bond	15. Drilling Contractor	16. Approx. Date Work will start		
6013' GR	Blanket	Not Yet Determined			
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#	2790'	375 Poz/175 'B'	Surface
	2 3/8"	4.7#	2730'		

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 (yield - 1.18 Ft³, 177 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 2790' 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 2790' and cement with 375 sx Pozmix (yield = 1.18 Ft³, 675 Ft³) followed by 175 sx Class "B" cement (yield 1.18 Ft³, 207 Ft³). Will move off drilling rig and move in completion unit.

APPROVAL EXPIRES 11-5-90
UNLESS DRILLING IS COMMENCED.
SPUD NOTICE MUST BE SUBMITTED
WITHIN 10 DAYS

xc: NMOCD-A (0+6), WF, Reg, Land, Expl., Drlg.

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 Carolyn L. McKee TITLE Sr. Regulatory Analyst DATE 11/2/90
TYPE OR PRINT NAME Carolyn L. McKee (806) 378-1000 TELEPHONE NO.

(This space for State Use)

APPROVED BY Ernie Bruch TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE NOV 05 1990
CONDITIONS OF APPROVAL, IF ANY:

Hold C-104 for Cancellation of the Beaver Ridge Com #100 well

Submit to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

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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
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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 STATE COM		Well No. 28
Unit Letter H	Section 36	Township 31 N	Range 11 W	County San Juan	
Actual Footage Location of Well: 1495 feet from the North line and 805 feet from the East line					
Ground level Elev. 6013	Producing Formation Fruitland Coal		Pool Basin Fruitland Coal		Dedicated Acreage: N/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 6930 7260 7590 7920 8250 8580 8910 9240 9570 9900 0

N 89°54' W

81.43 CH.

EPNG	EPNG		
B10405-65			1495'
Stuarco		EPNG	805'
B10803-29	E-5386-4	E 3150-1	B 10803-29

RECEIVED

AUG 30 1990

OIL CON. DIV.

DIST. 8

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
Sr. Regulatory Analyst
Company
Mesa Limited Partnership
Date
8/29/90

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.

8-13-90

Date Surveyed
William E. Mahnke II

Signature & Seal of
Professional Surveyor

REGISTERED SURVEYOR
#5466
Certificate No. 5558
8466