

Submit to Appropriate
District Office
State Lease - 5 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 DISTRICT
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

RECEIVED
AUG 23 1990
OIL CON. DIV.
DIST. 3

NO. (assigned by OCD on New Wells)

30-045-28176

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.
E-9228

7. Lease Name or Unit Agreement Name

FC STATE COM

8. Well No.

23

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:

OIL 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 M : 800 Feet From The South Line and 1250 Feet From The West Line

Section 36 Township 29N Range 11W NMPM SAN JUAN County

10. Proposed Depth
1990'

11. Formation
Fruitland Coal

12. Rotary or C.T.
Rotary

13. Elevations (Show whether DF, RT, GR, etc.)
5720' 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"	15.5#	1990'	250 Poz/150 'B'	SURFACE
	2 3/8"	4.7#	1940'		

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 1940' 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 1940' and cement with 250sx Pozmix (yield - 1.8 Ft³, 450 Ft³) followed by 150sx Class "B" cement (yield - 1.18 Ft³, 177 Ft³). Will move off drilling rig and move in completion unit.

APPROVAL EXPIRES 2-24-91
UNLESS DRILLING IS COMMENCED.
SPUD NOTICE MUST BE SUBMITTED
WITHIN 10 DAYS.

xc: NMOCD-A (0+6) 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

Carolyn L. McKee

TITLE Sr. Regulatory Analyst

DATE 8/20/90

TYPE OR PRINT NAME Carolyn L. McKee

(806) 378-1000
TELEPHONE NO.

(This space for State Use)

APPROVED BY

Emilio Busch

TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3

DATE

AUG 24 1990

CONDITIONS OF APPROVAL, IF ANY:

Hold C-104 For Pool Change on STATE COM AC #25 well

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

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

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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. 23
Unit Letter M	Section 36	Township 29N	Range 11W	County San Juan	
Actual Footage Location of Well: 800 feet from the South line and 1250 feet from the West line					
Ground level Elev. 5720'	Producing Formation Fruitland Coal		Pool Basin Fruitland Coal		Dedicated Acreage: S/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>					
<p>OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p>Signature: <u>Carolyn L. McKee</u></p> <p>Printed Name: Carolyn L. McKee</p> <p>Position: Sr. Regulatory Analyst</p> <p>Company: Mesa Limited Partnership</p> <p>Date: 8/20/90</p> <p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>Date Surveyed: 6-22-90</p> <p>Signature & Seal of Professional Surveyor: <u>Roy A. Rush</u></p> <p>Certificate No.: 8894</p>					
<p>WELL LOCATION AND ACREAGE DEDICATION PLAT</p> <p>Diagram showing well location and acreage dedication. The diagram is a grid with sections labeled MESA, TEXACO, SUN, and E-53. The well location is marked with a circle and labeled E-9228. The acreage dedication is marked with a circle and labeled B10644-46. The diagram includes a scale bar from 0 to 2640 feet and a north arrow.</p>					