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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease

STATE ☐ FEE ☒

5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. Type of Well

OIL WELL ☐

GAS WELL ☒

OTHER

SINGLE ZONE ☐

MULTIPLE ZONE ☒

2. Name of Operator

MESA PETROLEUM CO.

3. Address of Operator

1600 Lincoln, 2800 Lincoln Center, Denver, Colorado 80264

4. Location of Well

UNIT LETTER E LOCATED 1520 FEET FROM THE NORTH LINE

AND 1120 FEET FROM THE WEST LINE OF SEC. 5 TWP. 29N RGE. 12W NMPM

7. Unit Agreement Name

8. Farm or Lease Name

FEDERAL

9. Well No.

5E

10. Field and Pool, or Public-ktz
BASIN DAKOTA - ~~2800~~ PC

12. County
SAN JUAN

19. Proposed Depth

6500

19A. Formation

DAKOTA

20. Rotary or C.T.

ROTARY

21. Elevations (Show whether DF, RT, etc.)

5645

21A. Kind & Status Plug. Bond

STATEWIDE

21B. Drilling Contractor

UNKNOWN

22. Approx. Date Work will start

January 1, 1980

23.

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	300	200	SURFACE
7 7/8	5 1/2	15.5	6500	675	SURFACE

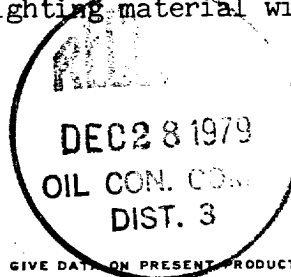
Gas under this lease is dedicated to a contract.

A 10" 900 series BOP will be installed and operable for all operations under surface casing. Operation of the preventer will be checked daily.

Any potential blowout situation will be checked by increasing mud weight to contain increased pressure. An adequate stock of mud and weighting material will be maintained on location to control any situation.

APPROVAL MADE
FOR 90 DAY PERIOD
DRILLING PERMIT

EX-125 3-27-80



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.

Signed John Alexander Title AGENT Date December 21, 1979

(This space for State Use)

Original Signed by FRANK T. CHAVEZ

DEPUTY OIL & GAS INSPECTOR, DIST. 3

DEC 28 1979

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

All distances must be from the outer boundaries of the Section.

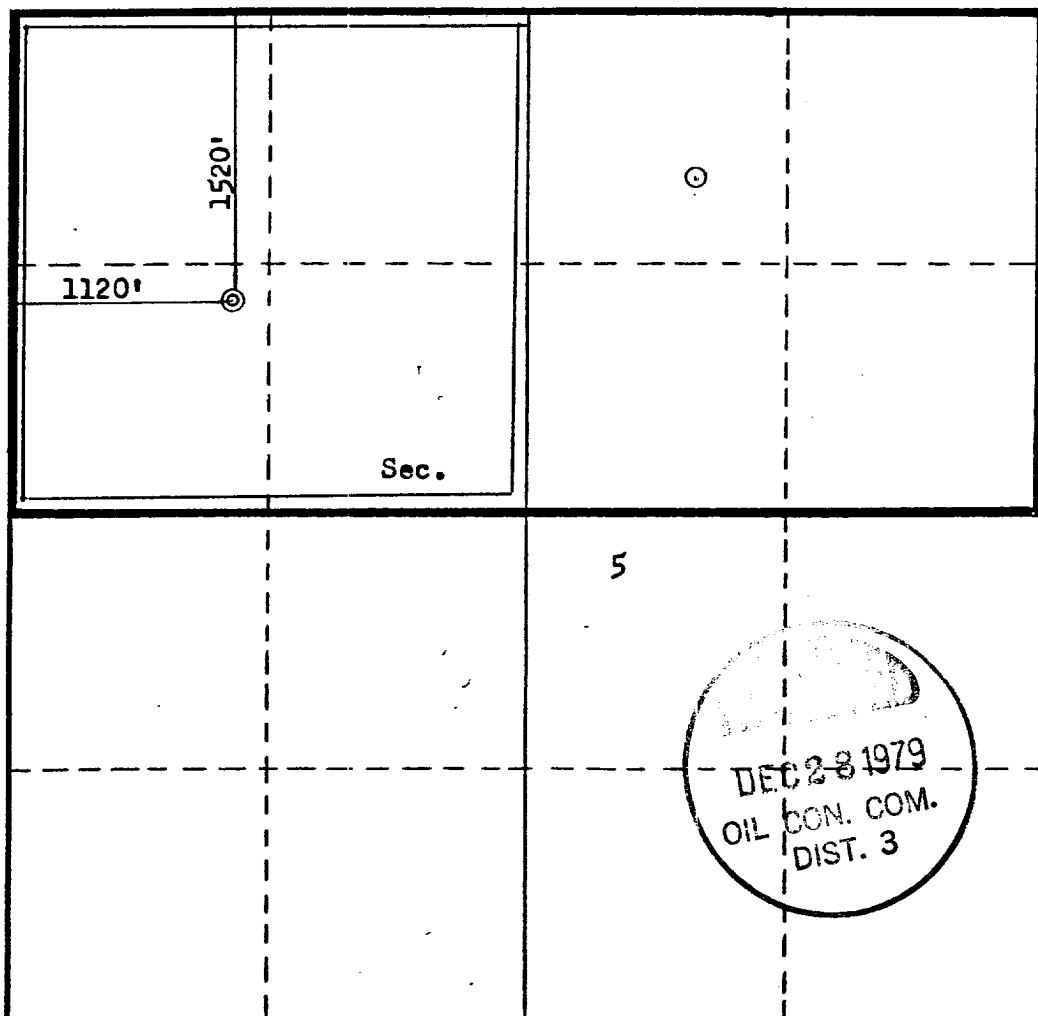
Operator MESA PETROLEUM COMPANY			Lease FEDERAL		Well No. 5-E
Unit Letter E	Section 5	Township 29N	Range 12W	County San Juan	
Actual Footage Location of Well: 1520 feet from the North line and 1120 feet from the West line					
Ground Level Elev. 5645	Producing Formation Dakota / P.C.		Pool Basin Dakota / Fulcher Kutz		Dedicated Acreage: 320.21 / 160.49 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
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).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☒ Yes ☐ No If answer is "yes," type of consolidation COMMUNITIZATION

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

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 interests, has been approved by the Commission.



CERTIFICATION

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

John Alexander

Name
JOHN ALEXANDER

Position

AGENT

Company

MESA PETROLEUM CO.

Date

November 14, 1979

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.

Date Surveyed

November 14, 1979

Registered Professional Engineer and/or Land Surveyor

Fred E. Kerr Jr.

Certificate No. **3950** **B. KERR, JR.**

