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NEW MEXICO OIL CONSERVATION COMMISSION

30-045-23743
Form C-101
Revised 1-1-65

5A. Indicate Type of Lease
STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
5. State Oil & Gas Lease No. E3149 E6348, B11017, E1304, E8984

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> 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"/>		8. Form or Lease Name STATE COM AF	
2. Name of Operator MESA PETROLEUM CO.		9. Well No. 28E	
3. Address of Operator 1660 Lincoln, 2800 Lincoln Center, Denver, Colorado 80264		10. Field and Pool, or Wildcat BASIN DAKOTA	
4. Location of Well UNIT LETTER I LOCATED 1460 FEET FROM THE SOUTH LINE AND 1100 FEET FROM THE EAST LINE OF SEC. 36 TWP. 29N RGE. 10W NMPM		12. County SAN JUAN	
19. Proposed Depth 6700		19A. Formation MORRISON	
20. Rotary or C.T. ROTARY		21. Elevations (Show whether DF, RT, etc.) 5744 GL	
21A. Kind & Status Plug. Bond STATE WIDE		21B. Drilling Contractor UNKNOWN	
22. Approx. Date Work will start September 15, 1979			

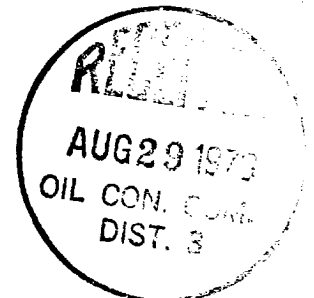
PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
13 3/4	9 5/8	36	400	250	SURFACE
7 7/8	5 1/2	15.5	6700	750	750'

A 10" 900 Series BOP will be installed and operable for all drilling below the surface casing. A choke line will be installed and sufficient mud products kept at the site to contain any normal blowout situation.

Gas under this lease is committed to a contract.

APPROVED FOR
FOR SE...
EXPIRES 11-27-79



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 August 10, 1979
(This space for State Use)

APPROVED BY AK Hendrick TITLE SUPERVISOR DATE
CONDITIONS OF APPROVAL, IF ANY:

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-102
Revised 10-1-78

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

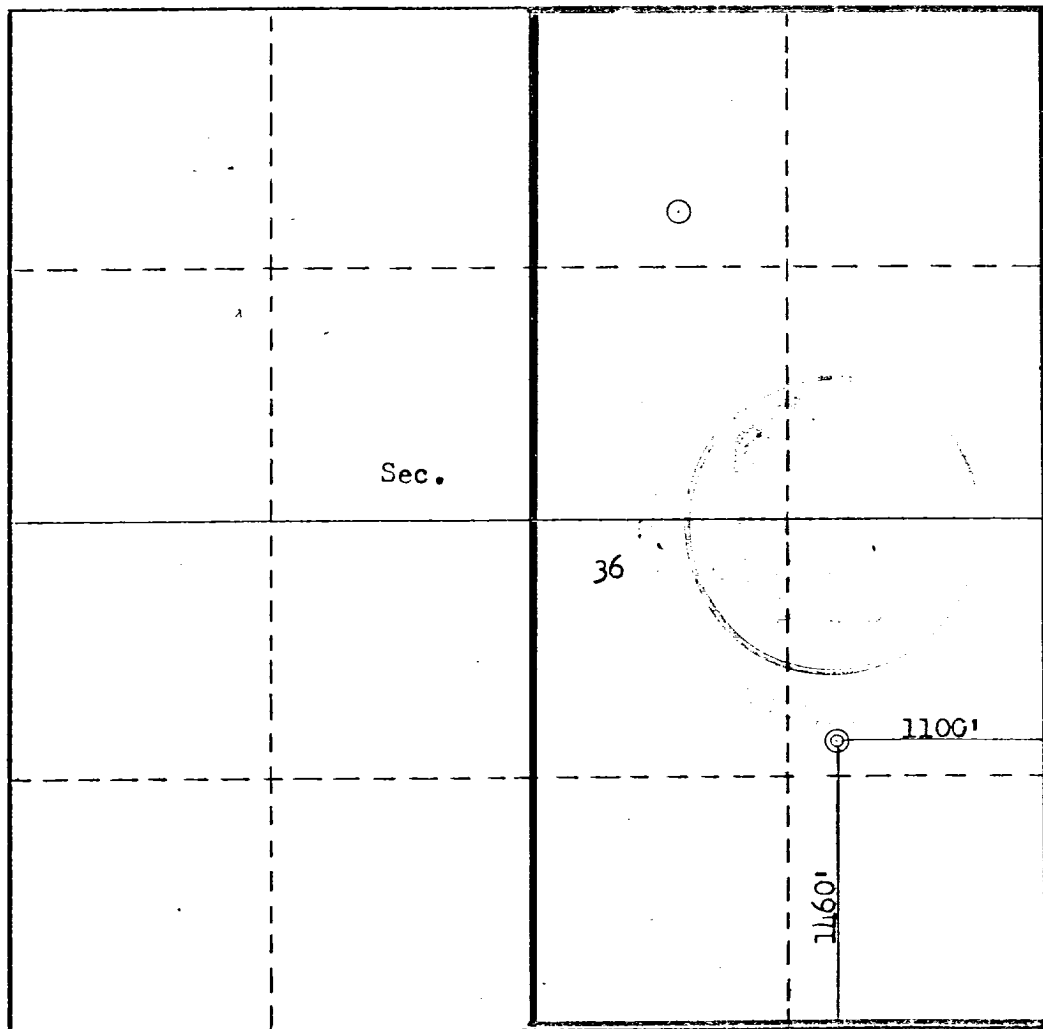
Operator MESA PETROLEUM COMPANY			Lease STATE COM "AF"		Well No. 28-E
Unit Letter I	Section 36	Township 29N	Range 10W	County San Juan	
Actual Footage Location of Well: 1460 feet from the South line and 1100 feet from the East line					
Ground Level Elev. 5744	Producing Formation Dakota		Pool Basin Dakota	Dedicated Acreage: 320 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
AGENTCompany
MESA PETROLEUM CORP.Date
August 27, 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
July 26, 1979
Registered Professional Engineer
and/or Land Surveyor
Fred B. Kerr Jr.
Fred B. Kerr Jr.
Certification No. 3950

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600