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NEW MEXICO OIL CONSERVATION COMMISSION

30-045-22588
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.	
B-11125-34/E-5317	

3-12-78
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. Farm or Lease Name State Comm	
2. Name of Operator Mesa Petroleum Company		9. Well No. 42	
3. Address of Operator P.O. Box 2009, Amarillo, Texas 79105		10. Field and Pool, or Wildcat Blanco Pictured Cliff	
4. Location of Well UNIT LETTER G LOCATED 1660 FEET FROM THE north LINE AND 1540 FEET FROM THE east LINE OF SEC. 32 TWP. 31N RGE. 9W NMPM		12. County San Juan	
19. Proposed Depth 3450		19A. Formation Pictured Cliff	
20. Rotary or C.T. Rotary			
21. Elevations (Show whether DF, RT, etc.) 6589	21A. Kind & Status Plug. Bond State Wide	21B. Drilling Contractor unknown	22. Approx. Date Work will start 1-15-78

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	20#	150	150 class "B"	surface
7 7/8	3 1/2	9.2#	3450	+ 2% CaCl ₂ 100 sacks 65-35 Poz Mix +12% gel, 100 sacks class "B"	2450

Move in - rig up rotary tools. Drill 12 1/4" hole to 150 feet and case as above. Install and test blow out preventer. Drill 7 7/8" hole to 3450 feet and case as above. If well is non-commercial it will be plugged and abandoned as per Oil Conservation Commission's instructions.

No abnormal pressures are anticipated and the well will be drilled with mud having the following characteristics: WT 9.0# per gallon, viscosity 32 seconds per quart., w.l. 10 c.c. ±.

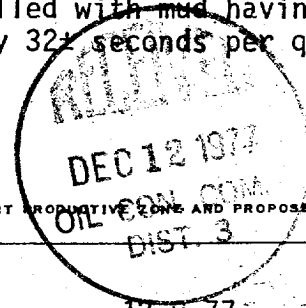
Gas under this lease is dedicated to Southern Union Gas.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTION AND PROPOSED NEW PRODUCTION. 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 12-8-77
(This space for State Use)

APPROVED BY AR Kendrick TITLE SUPERVISOR DIST. #3 DATE _____
CONDITIONS OF APPROVAL, IF ANY:



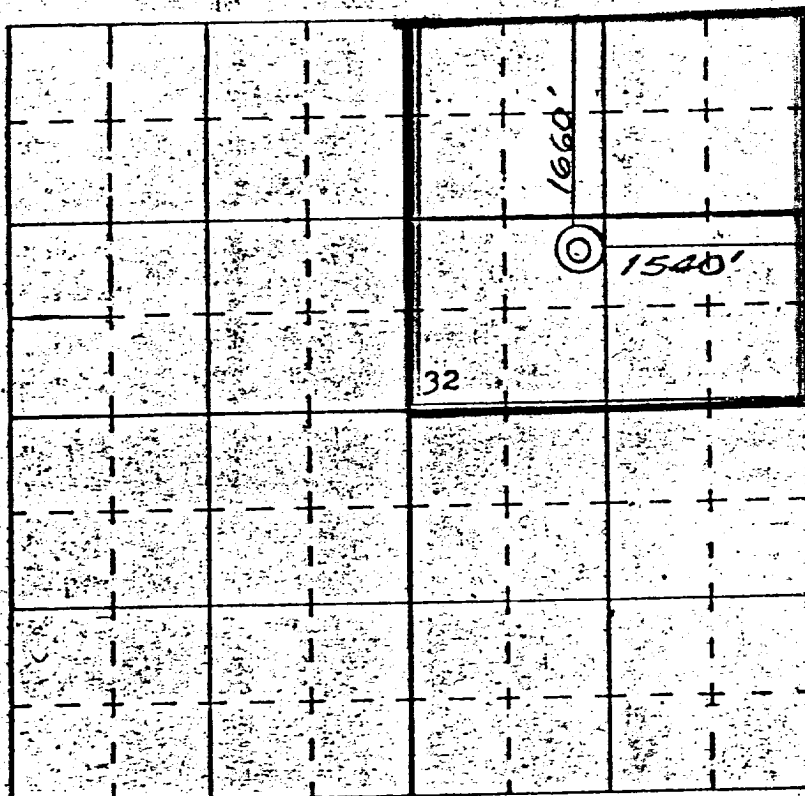
NEW MEXICO OIL CONSERVATION COMMISSION

WELL LOCATION AND ACERAGE DEDICATION PLAT

All distances must be from the outer boundaries of the Section

Operator MESA PETROLEUM COMPANY			Lease STATE COMM.		Well No. 42
Unit Letter G	Section 32	Township 31 NORTH	Range 9 WEST	County SAN JUAN	
Actual Footage Location of Well: 1660 feet from the NORTH line and 1540 feet from the EAST line					
Ground Level Elev. 6589	Producing Formation Pictured Cliffs		Pool Blanco-Pictured Cliffs	Dedicated Acreage: 160	Acres

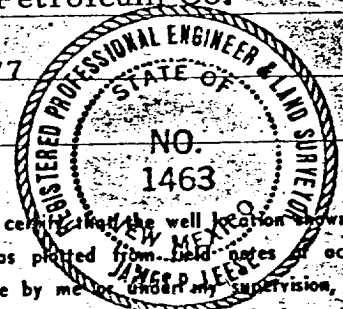
1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is 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 _____
 If answer is "no," list the owners and tract descriptions which have actually 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.

S.E. Dobler
 Name **S.E. Dobler**
 Supervisor, Drilling & Prod.
 Position
Mesa Petroleum Co.
 Company
2/11/77
 Date

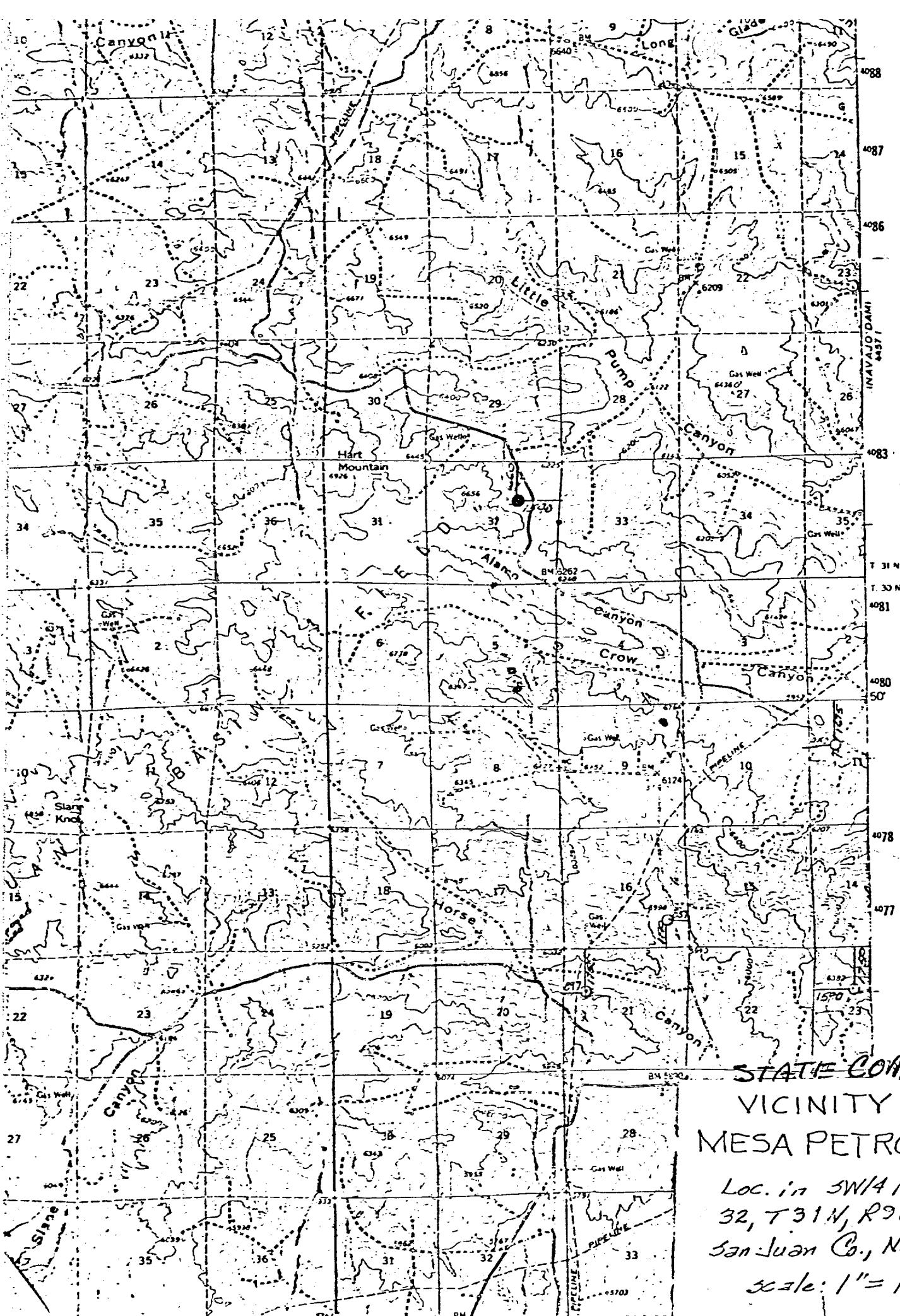


I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

30 January 1977
 Date Surveyed
James P. Leese
 Registered Professional Engineer
 and/or Land Surveyor **James P. Leese**

State **B - 11125-34 N/2 NE/4**
E - 5317 S/2 NE/4

1463
 Certificate No.



STATE COMM. # 42
VICINITY MAP
MESA PETROLEUM
Loc. in SW/4 NE/4 Sec.
32, T 31 N, R 9 W, N.M.P.M.
San Juan Co., N.Mex.
Scale: 1" = 1 Mile