

NO. OF COPIES RECEIVED	6
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	2
LAND OFFICE	1
OPERATOR	1

NEW MEXICO OIL CONSERVATION COMMISSION

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,

EXPIRES 9-18-77

30-045-22585
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.	E-5226-1	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name State Comm	
2. Name of Operator Mesa Petroleum Company		9. Well No. 44	
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 <u>L</u> LOCATED <u>1500'</u> FEET FROM THE <u>south</u> LINE AND <u>1050</u> FEET FROM THE <u>west</u> LINE OF SEC. <u>32</u> TWP. <u>29N</u> RGE. <u>8W</u> NMPM		12. County San Juan	
19. Proposed Depth 2500'		19A. Formation Pictured Cliff	20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, RT, etc.) 5807	21A. Kind & Status Plug. Bond State Wide	21B. Drilling Contractor unknown	22. Approx. Date Work will start July 1, 1977

23.

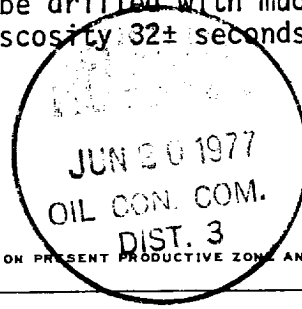
PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/4	8 5/8	20#	150	150 class B +	surface
7 7/8	3 1/2	9.2#	2500	2% CaCl ₂ 100 sacks 65-35 Poz mix +12% gel, 100 sacks class "B"	1400

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 2500 feet and case as above. If well is non-commercial it will be plugged and abandoned as per Oil Conservation Commission instructions.

No abnormal pressures are anticipated and the well will be drilled with mud having the following characteristics: WTI 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 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 5-31-77
(This space for State Use)

APPROVED BY H.E. Hawill TITLE PETROLEUM ENGINEER DIST. NO. 3 DATE JUN 20 1977

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. 44
Unit Letter L	Section 32	Township 29 NORTH	Range 8 WEST	County SAN JUAN	
Actual Footage Location of Well: 1500 feet from the SOUTH line and 1050 feet from the WEST line					
Ground Level Elev. 5807	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.

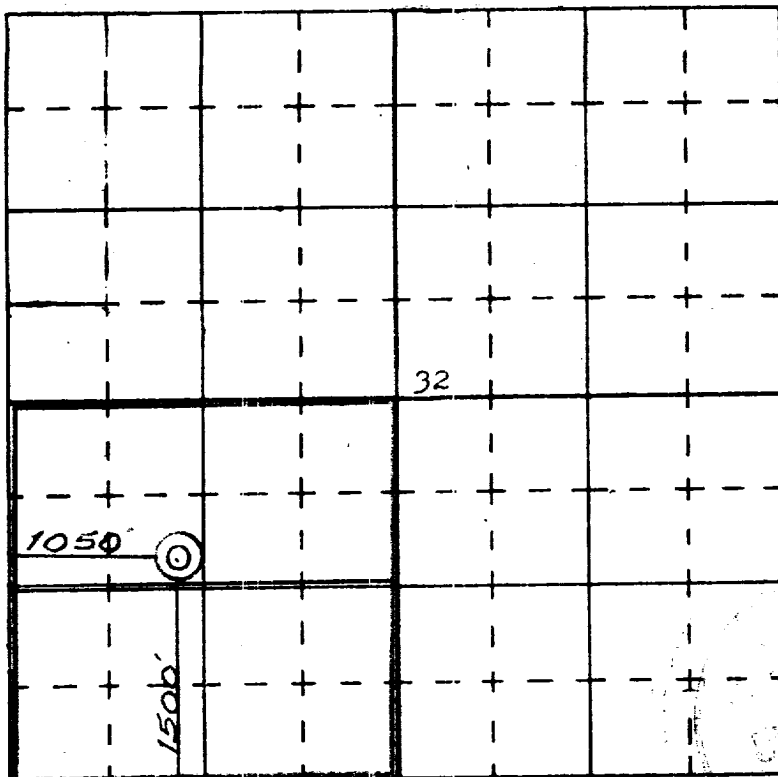
S. E. Dobler
 Name
S. E. Dobler
 Position
Supervisory Drilling & Prod.
 Company
Mesa Petroleum Co.
 Date
2/2
NO. 1463

I hereby certify that the well location shown on this plat was plotted from 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.

29 January 1977

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

1463
 Certificate No.



State E-5226-1 N/2 SW/4 & SE/4 SW/4

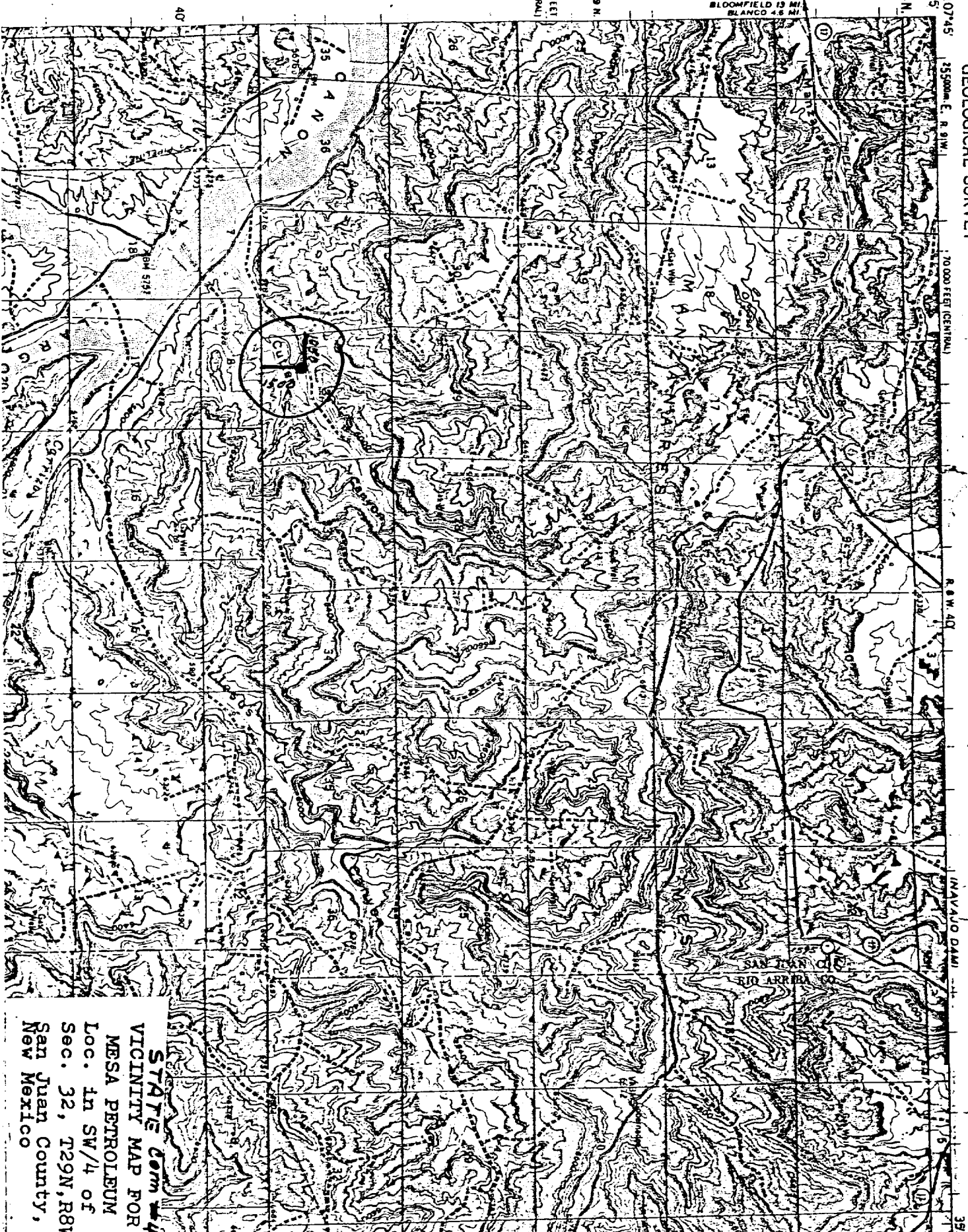
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

107°45' 36'45" W
40°00'00" N

BLOOMFIELD 13 MI
BLANCO 4.6 MI

T. 29 N.

2 000 000 FEET
(CENTRAL)



STATE COM
VICINITY MAP FOR
MESA PETROLEUM
Loc. in SW/4 of
Sec. 32, T29N, R8E
San Juan County,
New Mexico