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# NEW MEXICO OIL CONSERVATION COMMISSION

30-014-22734  
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. NMLG 2690
7. Unit Agreement Name
8. Farm or Lease Name SOUTH BLANCO STATE 32
9. Well No. 1
10. Field and Pool, or Wildcat LYBROOK - GALLUP
12. County SANTO
19. Proposed Depth 5850
19A. Formation GALLUP
20. Rotary or C.T. ROTARY
21A. Kind & Status Plug. Bond STATEWIDE
21B. Drilling Contractor YOUNG
22. Approx. Date Work will start December 15, 1980

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

a. Type of Work DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>
b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>
c. Name of Operator MESA PETROLEUM CO.
d. Address of Operator 1660 Lincoln, 2800 Lincoln Center, Denver, Colorado 80264
e. Location of Well UNIT LETTER F LOCATED 2230 FEET FROM THE NORTH LINE AND 2060 FEET FROM THE WEST LINE OF SEC. 32 TWP. 24N RGE. 7W NMPM

1. Elevations (Show whether DF, RT, etc.) 7425' GL	21A. Kind & Status Plug. Bond STATEWIDE	21B. Drilling Contractor YOUNG	22. Approx. Date Work will start December 15, 1980
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## 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	250	200	Surface
7 7/8	4 1/2	10.5	5850	1000	900'

GAS UNDER THIS LEASE IS NOT DEDICATED TO A CONTRACT.

A 10" 900 series BOP will be in service from under surface casing. Surface casing and BOP will be tested to 2,000 psi. The BOP will be operated daily. Adequate mud supplies will be available on location to control any blowout situation.

APPROVAL VALID  
FOR 90 DAYS UNLESS  
DRILLING COMMENCED,

2-22-81



ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTION 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.

by John Alexander Title AGENT Date November 15, 1980

PROVED BY Emil J. Gray TITLE SUPERVISOR DISTRICT 3 DATE NOV 24 1980

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.

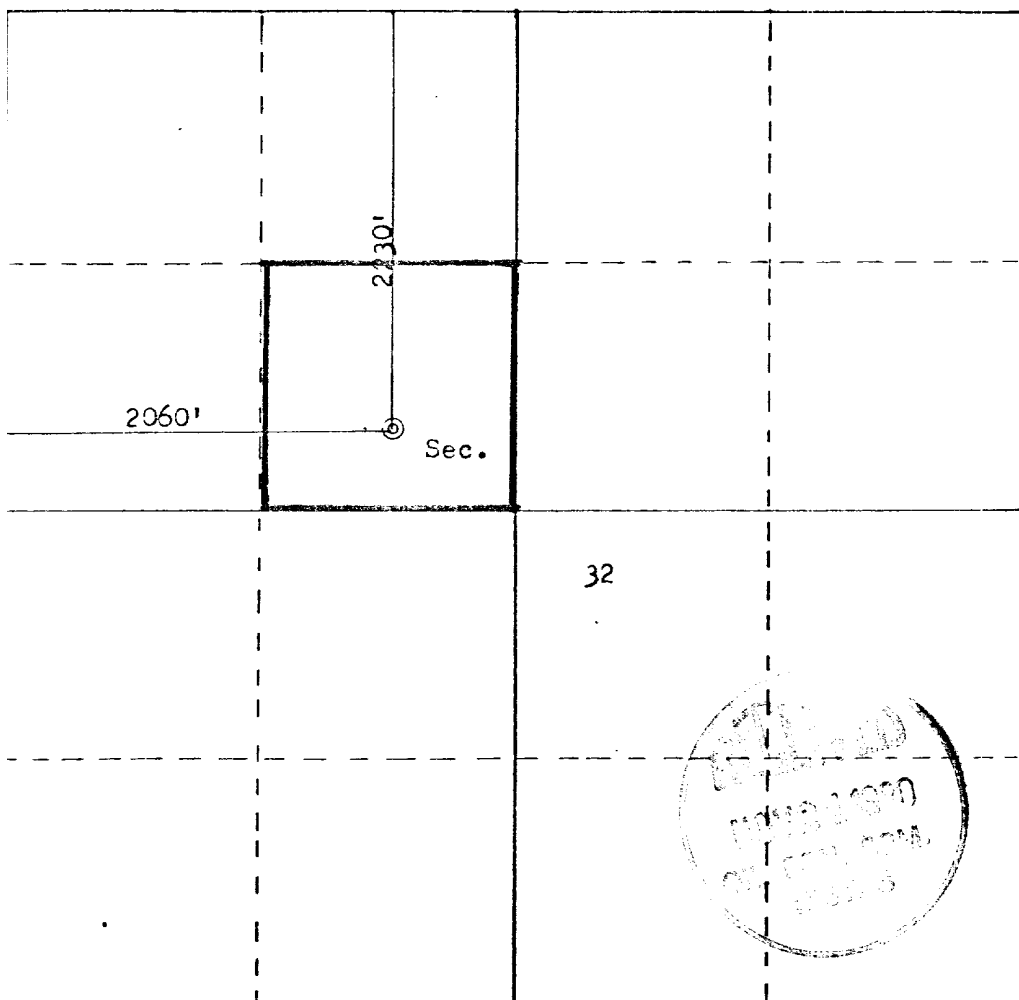
Operator <b>MESA PETROLEUM COMPANY</b>		Lease <b>SOUTH BLANCO-STATE 32</b>		Well No. <b>1</b>
Unit Letter <b>F</b>	Section <b>32</b>	Township <b>24N</b>	Range <b>7W</b>	County <b>Rio Arriba</b>
Actual Footage Location of Well:				
2230 feet from the North line and		2060 feet from the West line		
Ground Level Elev. <b>7125</b>	Producing Formation <b>GALLUP</b>	Pool <b>LYBROOK - GALLUP</b>	Dedicated Acreage <b>40</b> 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 \_\_\_\_\_

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.



Scale: 1"=1000'

## CERTIFICATION

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

Name

JOHN ALEXANDER

Position

AGENT

Company

MESA PETROLEUM CO.

Date

November 20, 1980

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 7, 1980

Registered Professional Engineer  
and Land Surveyor

Fred B. Kerr Jr.

Certificate No.

3950

WELL NAME South Blanco #1-32 State FIELD Lybrook Gallup DATE 10-15-80  
SURFACE LOCATION 2310' Fm N Line & 1650' Fm W Line, Sec. 32 T 24N R 7W  
COUNTY Rio Arriba STATE New Mexico PROPOSED TD 5850'

ANTICIPATED FORMATION TOPS:

Formation	Depth	Content	Formation	Depth	Content
Ojo Alamo	/ 1450'	/	Point Lookout	/ 4460'	/
Pictured Cliffs	/ 2140'	/	Mancos	/ 4700'	/
Lewis	/ 2240'	/	* Upper Gallup	/ 5490'	/ Oil & Gas
Chacra	/ 2930'	/ Gas?	* Marye Sand	/ 5660'	/ Oil & Gas
Cliffhouse	/ 3680'	/	* Lower Gallup	/ 5690'	/ Oil & Gas
Menefee	/ 3720'	/		/	/

\* Denotes primary zones of interest

DRILLING SAMPLES:

10	ft. Samples	From 2140'	To 2240'
10	ft. Samples	From 2930'	To 3100'
10	ft. Samples	From 5490'	To TD
	ft. Samples	From	To

CORING PROGRAM: NONE

Formation	Interval From -- To	Total Footage
1.		
2.		
3.		
4.		

DRILL STEM TESTS: NONE

Depth	Formation	Depth	Formation
1.	/	4.	/
2.	/	5.	/
3.	/	6.	/

PROPOSED OPEN HOLE LOGGING PROGRAM:

Type	Depth
IES or DIL	From Base surf. csg. / To TD
Gamma Ray - Cal., CNL-FDC	From Base surf. csg. / To TD
	/
	/

MUD LOGGING PROGRAM: (Omega)

One man with trailer on at 1500'.

Well site Geologist on well site at 1500' depth.

NOTIFICATION: Telephone Mesa's Denver Office, Operations Dept., Monday thru Friday by 9:00 AM with drilling reports. Call Alex Nash's residence on Weekends & Holidays at 303/741-3353 or 1st. alternate Jim Farrell's residence at 303/759-3165.

Call all Geological information to Mesa's Denver office 303/861-4243, Attn. David Hamilton  
Weekends & Holidays call David Hamilton at 303/ 751-9560  
1st. Alternate John Farwin at 303/ 279-9732  
2nd. Alternate Bob King at 303/ 759-2063