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# NEW MEXICO OIL CONSERVATION COMMISSION

30-045-21708

Form C-101  
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input checked="" type="checkbox"/>	FED <input type="checkbox"/>
5. State Oil & Gas Lease No.	
B-11370-24; B-11125-34;	
E-5317	

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

1a. Type of Work		DRILL <input checked="" type="checkbox"/>		DEEPEN <input type="checkbox"/>		PLUG BACK <input type="checkbox"/>	
b. Type of Well		OIL WELL <input type="checkbox"/>		GAS WELL <input checked="" type="checkbox"/>		OTHER <input type="checkbox"/>	
2. Name of Operator		Mesa Petroleum Co.		SINGLE ZONE <input type="checkbox"/>		MULTIPLE ZONE <input checked="" type="checkbox"/>	
3. Address of Operator		Box 2009 Amarillo, Texas 79105		7. Unit Agreement Name			
4. Location of Well		UNIT LETTER F LOCATED 1850 FEET FROM THE North LINE		8. Farm or Lease Name		State Com H	
AND 1560 FEET FROM THE West LINE OF SEC. 32 TWP. 31N RGE. 9W NMDP				9. Well No.		4A	
				10. Field and Pool, or Wildcat		Blanco Mesaverde	
				12. County		San Juan	
				19. Proposed Depth		5775'	
				19A. Formation		Mesaverde	
				20. Rotary or C.T.		Rotary	
21. Elevations (Show whether D.F., R.I., etc.)		21A. Kind & Status Plug. Bond		21B. Drilling Contractor		22. Approx. Date Work will start	
6589' GL		Blanket		Unknown		As Rig Availability dictates	

23.

### PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
13 3/4"	10 3/4"	32.75#	150'	Sufficient to circ. to surface	
8 3/4"	7"	29.0#	3550'	Sufficient to cover OJO Alamo	
6	4 1/2"	10.5#	3350-5775'	Sufficient to tie back into 7" csg.	

Mesa proposes to drill a Mesaverde infill well at the above location to an approximate depth of 5775'. Electric Logs will be run from surface casing to 7" casing point and from bottom of 7" casing to T. D. Production liner will be set through the Mesaverde pay zone and perforated; then perforate the 7" casing and dually complete in the Pictured Cliffs formation. The pay zones will be isolated by utilizing a production packer.

BOP Program: Install 10", Series 900 double gate preventer on 10 3/4" casing. B. O. P. will be tested to 500 psi prior to drilling out cement in surface casing and 1000 psi prior to drilling out cement in intermediate casing.

All work will be conducted in accordance with rules and regulations of the State of New Mexico.

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 R.J. Flaker Title Prod. Engr.

Date 2/14/75

(This space for State Use)

APPROVED BY

TITLE

FOR DIST. #3

DATE

CONDITIONS OF APPROVAL, IF ANY

FEB 21 1974

NE MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102  
Supersedes C-128  
Effective 1-1-65

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

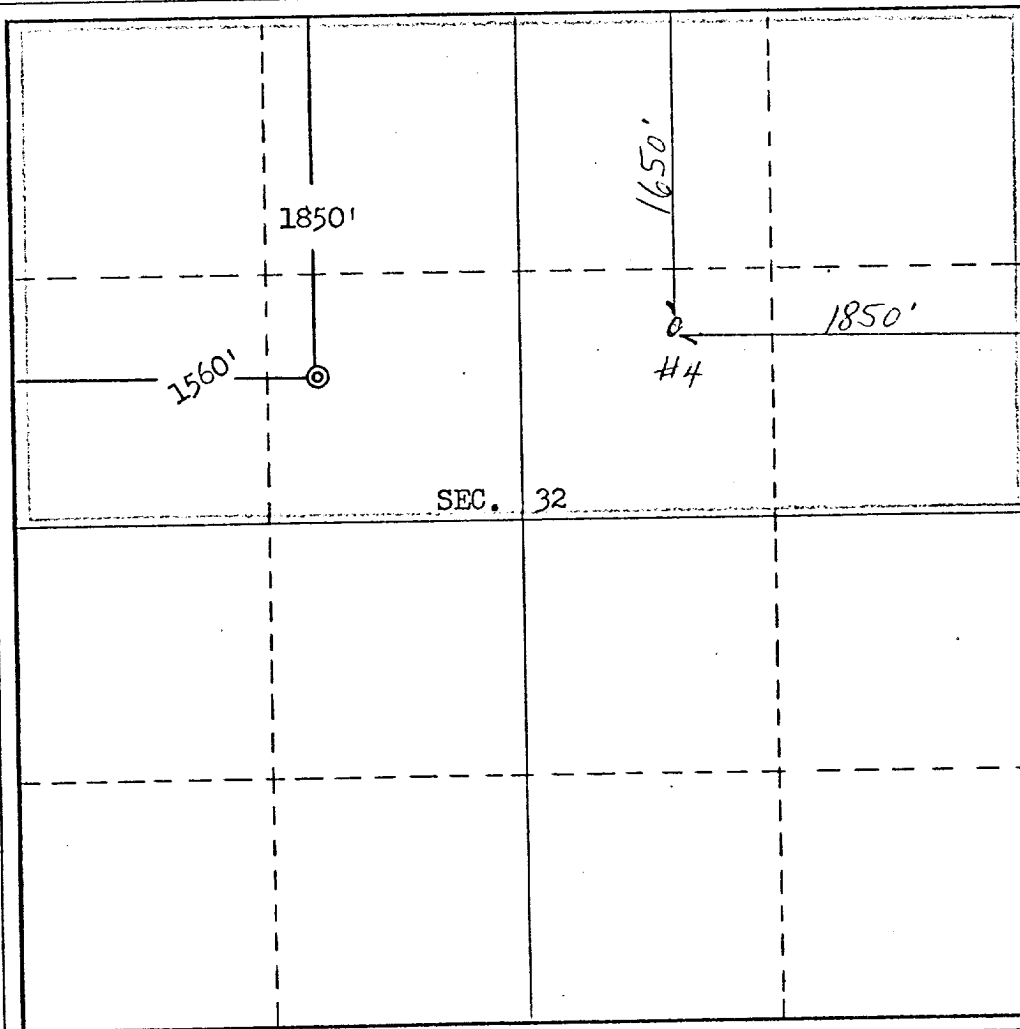
Operator <b>Mesa Petroleum Company</b>			Lease <b>State Com H</b>		Well No. <b>4A</b>
Unit Letter <b>F</b>	Section <b>32</b>	Township <b>31 North</b>	Range <b>9 West</b>	County <b>San Juan</b>	
Actual Footage Location of Well: <b>1850</b> feet from the <b>North</b> line and <b>1560</b> feet from the <b>West</b> line					
Ground Level Elev. <b>6589</b>	Producing Formation <b>Mesaverde</b>		Pool <b>Blanco</b>		Dedicated Acreage: <b>320</b> 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 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.

*R. J. Flaker*

Name

**R. J. Flaker**

Position

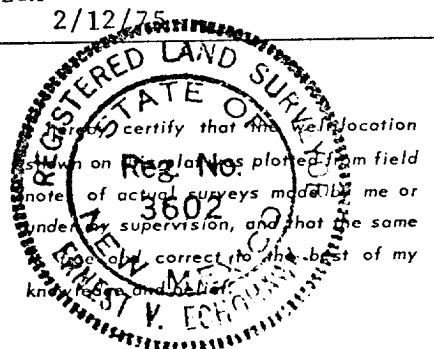
**Production Engr.**

Company

**Mesa Petroleum Co.**

Date

**2/12/75**



Date Surveyed

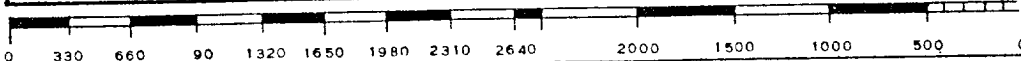
**January 29, 1975**

Registered Professional Engineer and/or Land Surveyor

*E. V. Echohawk*

Certificate No. **3602**

**E. V. Echohawk LS**



1/2" = 100' E.P.N.G.

**NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102  
Supersedes C-128  
Effective 1-1-65

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

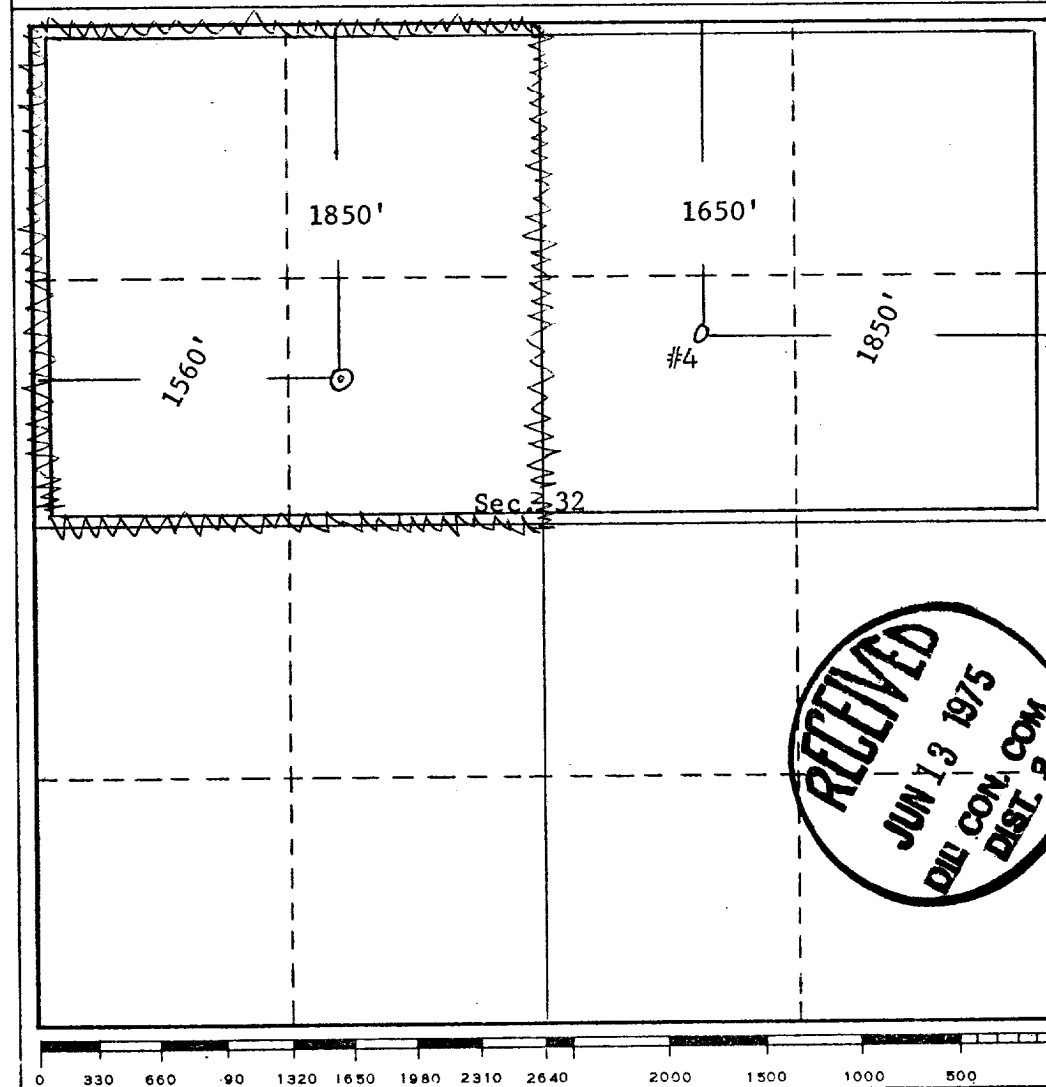
Operator <b>Mesa Petroleum Co.</b>			Lease <b>State Com H</b>		Well No. <b>#4A</b>
Unit Letter <b>F</b>	Section <b>32</b>	Township <b>31 North</b>	Range <b>9 West</b>	County <b>San Juan</b>	
Actual Footage Location of Well:					
<b>1850</b>		feet from the <b>North</b>	line and	<b>1560</b>	feet from the <b>West</b> line
Ground Level Elev. <b>6589'</b>	Producing Formation <b>Pictured Cliffs</b>		Pool <b>Blanco</b>		Dedicated Acreage: <b>160</b> 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 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.

Name  
**J. L. Farrell**  
Position  
**Operations Manager**  
Company  
**Mesa Petroleum Co.**  
Date  
**6/4/75**

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  
  
Registered Professional Engineer and/or Land Surveyor

Certificate No.

