

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL  
WELL ☐GAS  
WELL ☒

OTHER

SINGLE  
ZONE ☒MULTIPLE  
ZONE ☐

2. NAME OF OPERATOR

Aztec Oil &amp; Gas Company

3. ADDRESS OF OPERATOR

Drawer 570, Farmington, New Mexico

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)  
At surface

At proposed prod. zone 835' FSL &amp; 1040' FWL

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Give to nearest 64g. unit line, if any)18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

16. NO. OF ACRES IN LEASE

2559.16

19. PROPOSED DEPTH

5575

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

320

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
6574 GR22. APPROX. DATE WORK WILL START\*  
on approval

## 23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
15"	10-3/4	32.75#	300'	300 sxs
9-7/8"	7-5/8"	26.40"	3400'	200 sxs
6-3/4"	4-1/2"	10.50"	3300-5575	250 sxs

## PROPOSE TO:

1. Run Gamma and Induction Logs.
2. Perforate and Frac the Mesaverde Formation.
3. Run tubing and complete.

Dedicated Acreage: 320 acres  
Section 4-26N-5W DIST. 3

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. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED



TITLE

District. Supt.

DATE

7-24-72

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:



\*See Instructions On Reverse Side

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

Form No. 1  
Supersedes G-128  
Effective 1-1-65

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

Operator <b>Aztec Oil &amp; Gas Company</b>			Location <b>Arizona Jicarilla</b> (Cont. #151) <b>B</b>		Well No. <b>4-8</b>
Unit Letter <b>M</b>	Section <b>4</b>	Township <b>26N</b>	Range <b>5W</b>	County <b>Rio Arriba</b>	
Actual Footage Location of Well: <b>835</b> feet from the <b>South</b> line and <b>1040</b> feet from the <b>West</b> line					
Ground Level Elev. <b>6574</b>	Producing Formation <b>Mesa Verde</b>		Pool <i>Blk. 1 - T. 26N. R. 5W.</i>		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 (by name, ownership 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.



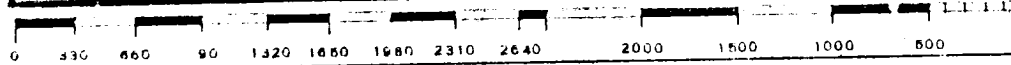
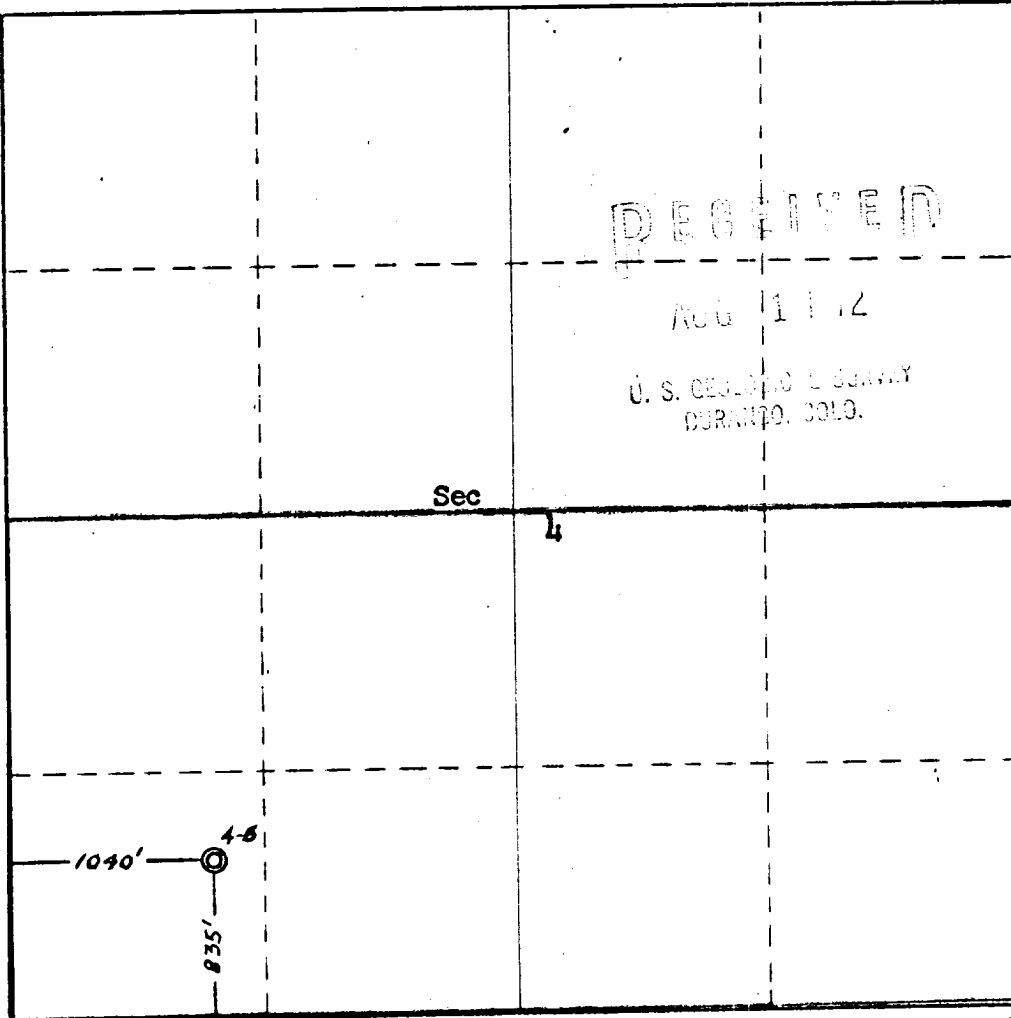
**RECEIVED**

AUG 11 1972

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DURANGO, COLO.

**Sec**

**4**



**CERTIFICATION**

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

Name  
**ORIGINAL SIGNED BY JOE C. SALMON**

Position

Company

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.

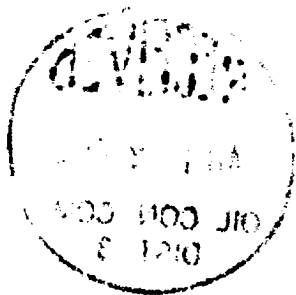
Date Surveyed

**July 21, 1972**

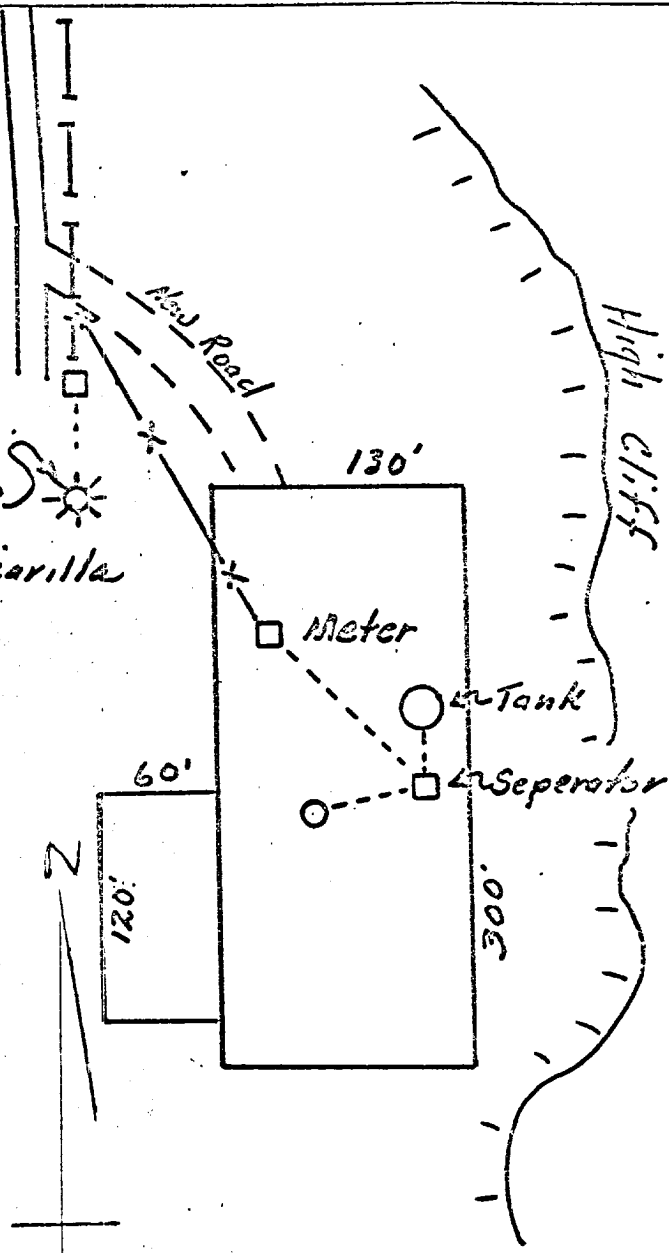
Registered Professional Engineer  
and/or Land Surveyor

*[Signature]*  
**Fred B. Kerr, Jr.**

**3950**



Aztec O&G  
 Arizona Jicarilla  
 #1-B (P.C.)



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 OIL CON. COM.  
 DIST. 3

Vicinity Map for  
 AZTEC OIL & GAS CO.  
 Arizona Jicarilla B #4  
 835' FSL & 1040' FWL  
 Section 4-26N-5W  
 Rio Arriba County, New Mexico  
 August 7, 1972

Scale: 1" = 100'