

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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

1a. TYPE OF WORK <b>DRILL</b> <input checked="" type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/> <b>PLUG BACK</b> <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. SE-077652	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Aztec Oil & Gas Company		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P. O. Drawer 570, Farmington, New Mexico		8. FARM OR LEASE NAME East	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1700' ESL & 880' FEL		9. WELL NO. #22A	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*		10. FIELD AND POOL, OR WILDCAT Blanco Mesa Verde	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest dry well if known.)		11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA Section 26-131N-R17E	
16. NO. OF ACRES IN LEASE 5071		12. COUNTY OR PARISH San Juan	
17. NO. OF ACRES ASSIGNED TO THIS WELL 320		13. STATE New Mexico	
18. DISTANCE FROM PROPOSED* LOCATION TO NEAREST WELL, DEEPENED OR PLUGGED, OR APPLIED FOR, ON THIS LEASE		19. PROPOSED DEPTH 5071'	
20. ROTARY OR CABLE TOOLS Rotary		21. APPROX. DATE WORK WILL START* January 15, 1978	
21. ELEVATIONS (Show whether DG, LF, GP, etc.) 5963' GR		22. APPROX. DATE WORK WILL START*	

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	36#	200'	130 cu. ft.
8-3/4"	7"	20#	2688'	340 cu. ft.
6-1/4"	4-1/2"	10.50#	2538'-5071'	445 cu. ft.
	2-3/8"	4.7#	5000'	

Surface formation is Nacimiento.  
Top of the Ojo Alamo sand is at 1181'.  
Top of the Pictured Cliffs sand is at 2388'.  
Fresh water mud will be used to drill to intermediate casing point.  
An air system will be used to drill to total depth.  
It is anticipated that a Gamma Ray induction and a Gamma Ray Density be run at total depth.  
No abnormal pressures or poisonous gases are anticipated in this well.  
It is expected this well be drilled by April 1, 1978. This depends on time required for approvals, rig availability and the weather.  
Gas is dedicated.

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 prevention program, if any.

SIGNED [Signature] TITLE District Production Mgr. DATE Dec. 19, 1977  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY [Signature] TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

Ok

\*See Instructions On Reverse Side

RECEIVED

DEC 27 1977

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

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

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

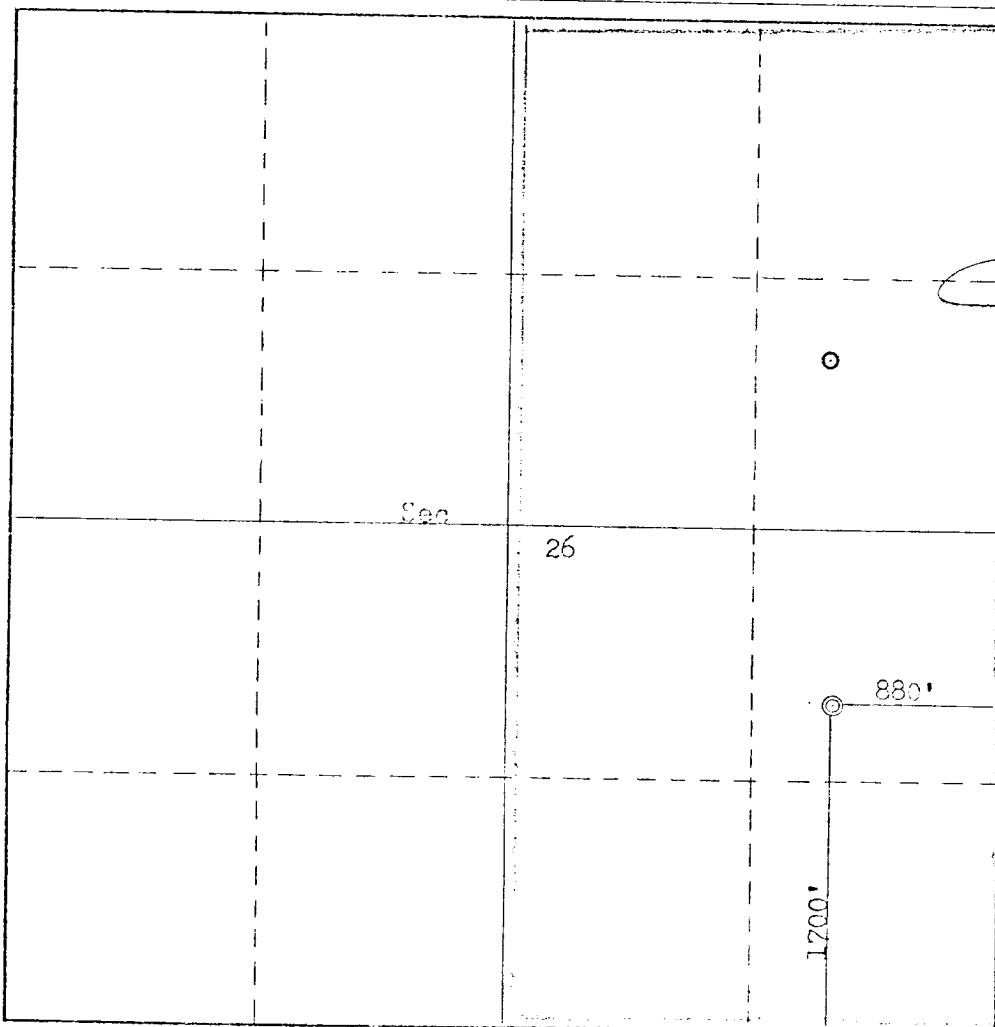
Applicant <b>Aztec Oil &amp; Gas Company</b>			Lease <b>East</b>		Well No. <b>22A</b>
Tract Section <b>I</b>	Section <b>26</b>	Township <b>31N</b>	Range <b>12W</b>	County <b>San Juan</b>	
Actual Well Location of Well:					
<b>1700</b> feet from the <b>South</b>		<b>880</b> feet from the <b>East</b>			
Ground Level Elev. <b>5963</b>	Producing Formation <b>Mesa Verde</b>	Pool <b>Blanco</b>	Dedicated Acreage <b>320</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.



CERTIFICATION

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

Position  
**Dist. Production Mgr.**  
Company  
**Aztec Oil & Gas Company**  
Date  
**December 19, 1977**

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 10, 1977**  
Registered Professional Engineer and/or Land Surveyor  
**Fred B. Herr Jr.**  
Certificate No.  
**3950**