

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 & Gas

3. ADDRESS OF OPERATOR

P.O. Drawer 570, Farmington, New Mexico 87401

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

800' FSL & 1820' FWL

At proposed prod. zone

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

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED TO THIS WELL

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

5629'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

6162' GR

22. APPROX. DATE WORK WILL START*

August 1, 1977

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13-3/4"	9-5/8"	36#	200'	190 sxs
8-3/4"	7"	20#	3245'	170 sxs
6-1/4"	4-1/2"	10.5#	3095'-5629'	320 sxs
	2-3/8"	4.7#	5600'	
	1-1/2"	2.9#	3100'	

Surface formation is Nacimiento.

Top of Ojo Alamo sand is at 1169'.

Top of Pictured Cliffs sand is at 2945'.

A fresh water mud system will be used for drilling to intermediate casing point.

An air system will be used for drilling to total depth.

It is anticipated that IES and GR-Density logs will be run at intermediate depth.

It is anticipated that Gamma Ray - Induction and Density logs will be run at total depth.

No abnormal pressures or poisonous gases are anticipated in this well.

It is expected that this well will be drilled before August 1, 1977. This depends

on time required for approvals, rig availability and the weather.

We will follow the surface restoration plan set out by the appropriate surface

agency and the U.S.G.S..

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 preventer program, if any.

24.

SIGNED

TITLE District Production Manager DATE March 22, 1977

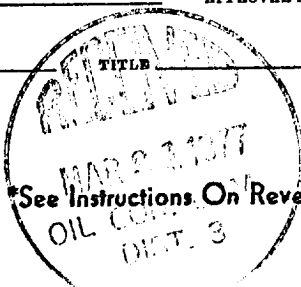
(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:



See Instructions On Reverse Side

MAR 30 1977

Write NADU (PC)

WELL LOCATION AND ACREAGE DEDICATION PLAT

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

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

Operator Aztec Oil & Gas Company			Lease Vanderslice		Well No. 1A
Unit Letter N	Section 19	Township 32N	Range 10W	County San Juan	

Actual Footage Location of Well:

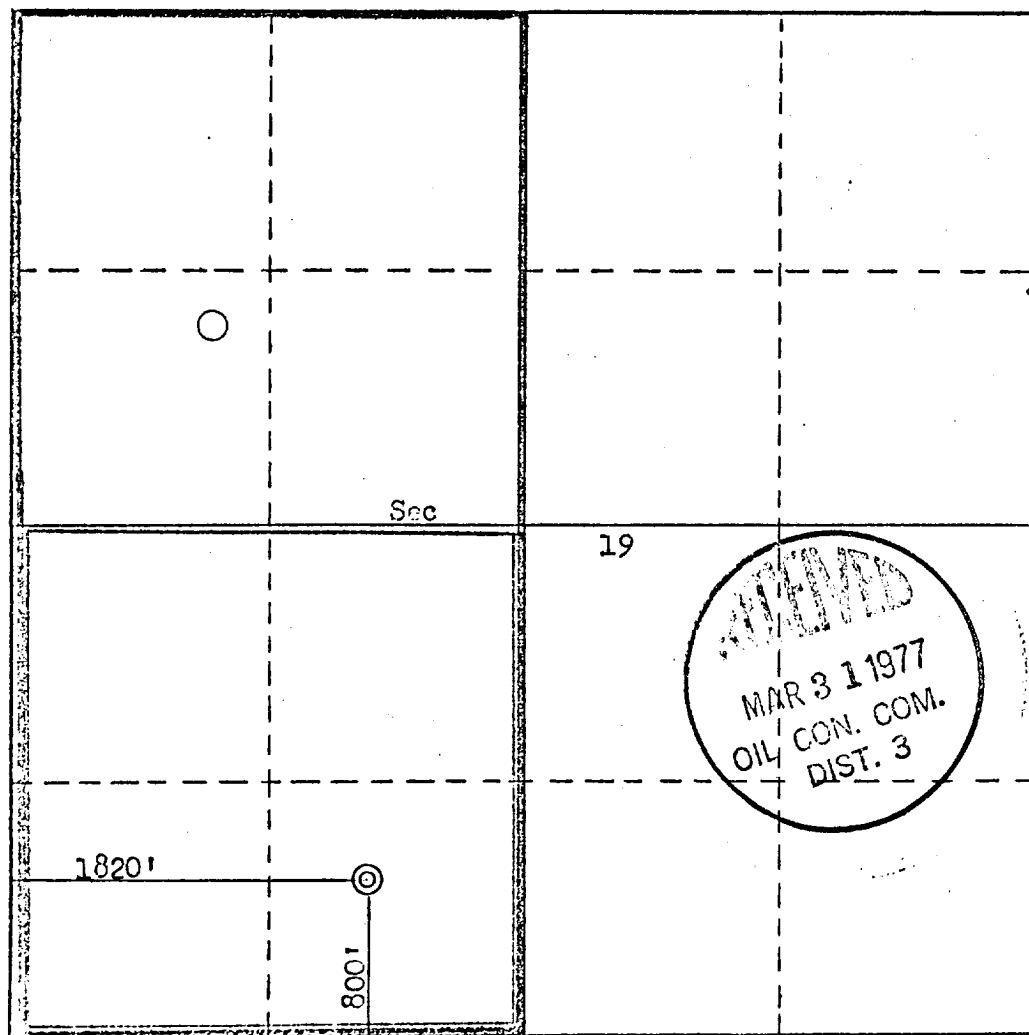
800 feet from the South line and 1820 feet from the West line	
Ground Level Elev. 6162	Producing Formation Pictured Cliffs-Mesa Verde
Pool Blanco - HV Blanco - PC EXT	Dedicated Acreage: MV 319.97 Acres PC 162.04

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 *John Ryan*
Position District Production Manager
Company Aztec Oil & Gas Company
Date March 22, 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 March 12, 1977
Registered Professional Engineer and/or Land Surveyor *Fred B. Kerr Jr.*
Certificate No. 3950