

NO. OF COPIES RECEIVED	5
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	2
LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

30-045-22315
Form C-101
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input type="checkbox"/>	FEE <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name Vasaly Federal	
2. Name of Operator Aztec Oil & Gas Company		9. Well No. #1-A	
3. Address of Operator P. O. Drawer 570, Farmington, New Mexico		10. Field and Pool, or Wildcat Blanco Mesa Verde	
4. Location of Well UNIT LETTER M LOCATED 1090 FEET FROM THE South LINE AND 1090 FEET FROM THE West LINE OF SEC. 31 TWP. 32N RGE. 11W NMPM		12. County San Juan	
21. Elevations (Show whether DF, RT, etc.) 6412' GR		19. Proposed Depth 5700'	19A. Formation Mesa Verde
21A. Kind & Status Plug. Bond		21B. Drilling Contractor	20. Rotary or C.T. Rotary
22. Approx. Date Work will start			

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
13-3/4"	9-5/8"	36#	200'	190 sxs	Surface
8-3/4"	7"	23#	3317'	170 sxs	Cover Ojo Alamo
6-1/4"	4-1/2"	10.50#	3167'-5672'	245 sxs	To liner top
	2-3/8"	4.7#	5672'		

Surface formation is Nacimiento.

Top of Ojo Alamo sand is at 1500'

Top of Pictured Cliffs sand is at 3017'.

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

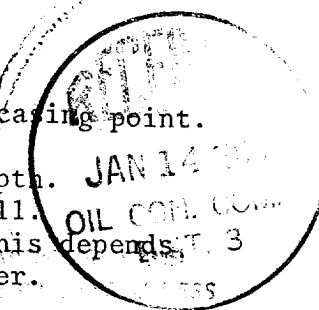
A air system will be used for drilling to total depth.

It is anticipated that IES 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 June, 1977. This depends

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



EXPIRES 4-14-77

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. 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 [Signature] Title District Production Manager Date January 11, 1977

(This space for State Use)

PETROLEUM ENGINEER DIST. NO. 3

APPROVED BY [Signature] TITLE DATE JAN 14 1977

CONDITIONS OF APPROVAL, IF ANY:

70

**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.

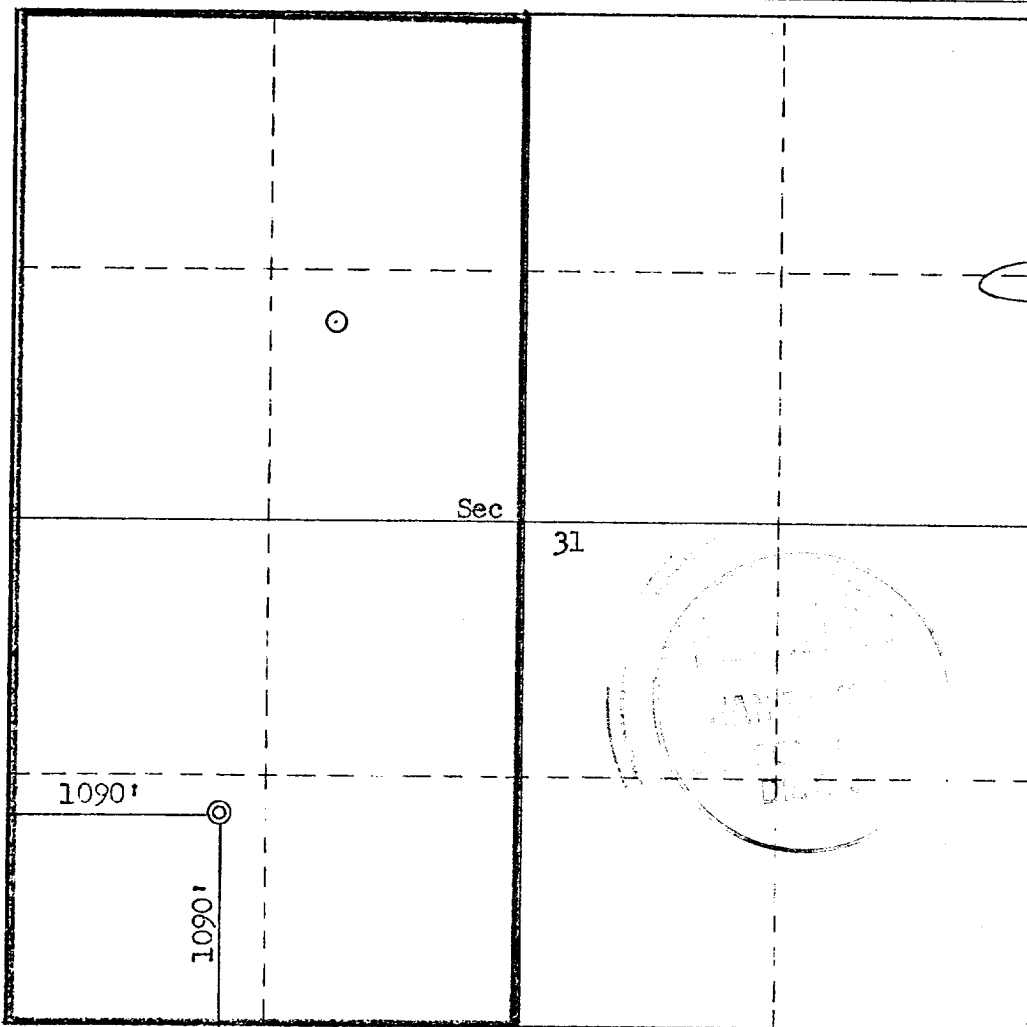
Operator Aztec Oil & Gas Company			Lease Vasaly-Federal		Well No. 1A
Unit Letter M	Section 31	Township 32N	Range 11W	County San Juan	
Actual Footage Location of Well: 1090 feet from the South line and 1090 feet from the West line					
Ground Level Elev. 6412	Producing Formation Mesa Verde	Pool Blanco		Dedicated Acreage: 306.04 ^W / _{306.40} 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 *Stan Ryan*
 Position **District Production Manager**
 Company **Aztec Oil & Gas Company**
 Date **January 11, 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 **December 22, 1976**
 Registered Professional Engineer and/or Land Surveyor

Fred B. Verr Jr.
Fred B. Verr Jr.

Certificate No.

3950

