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NEW MEXICO OIL CONSERVATION COMMISSION

30-045-22838
Form C-101
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input checked="" type="checkbox"/>	FEE <input 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 OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name Patterson "B" Com	
2. Name of Operator Aztec Oil & Gas Company		9. Well No. #1R	
3. Address of Operator P. O. Drawer 570, Farmington, New Mexico 87401		10. Field and Pool, or Wildcat Blanco Mesa Verde	
4. Location of Well UNIT LETTER C LOCATED 1170 FEET FROM THE North LINE 1830 West 2 31N 12W AND FEET FROM THE LINE OF SEC. TWP. RGE. NMPM		12. County San Juan	
19. Proposed Depth 5487'		19A. Formation Mesa Verde	
20. Rotary or C.T. Rotary		21. Elevations (Show whether DE, RT, etc.) 6319' GR	
21A. Kind & Status Plug. Bond		21B. Drilling Contractor	
22. Approx. Date Work will start January 15, 1978			

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12-1/4"	9-5/8"	36#	200'	130 cu. ft.	Circ to surface
8-3/4"	7"	20#	3113'	347 cu. ft.	Cover Ojo Alamo
6-1/4"	4-1/2"	10.50#	2963'-5444'	310 cu. ft.	Liner top
	2-3/8"	4.7#	5400'		

Surface formation is Nacimiento.

Top of Ojo Alamo is at 1572'.

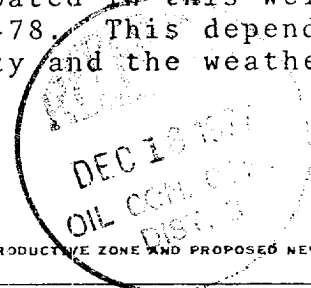
Top of Pictured Cliffs is at 2813'.

Fresh water mud will be used to drill from surface to intermediate casing point.

An air system will be used to drill from intermediate casing point to TD. It is anticipated that an IES and a Gamma Ray Density log be run at TD. No abnormal pressures or poisonous gases are anticipated in this well. It is expected that this well be drilled before 6-1-78. This depends on time required for approvals, air availability and the weather. Gas is dedicated.

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,

EXPIRES 3-16-78



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 Mgr. Date December 15, 1977

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DIST 43 DATE DEC 16 1977

CONDITIONS OF APPROVAL, IF ANY:

**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.

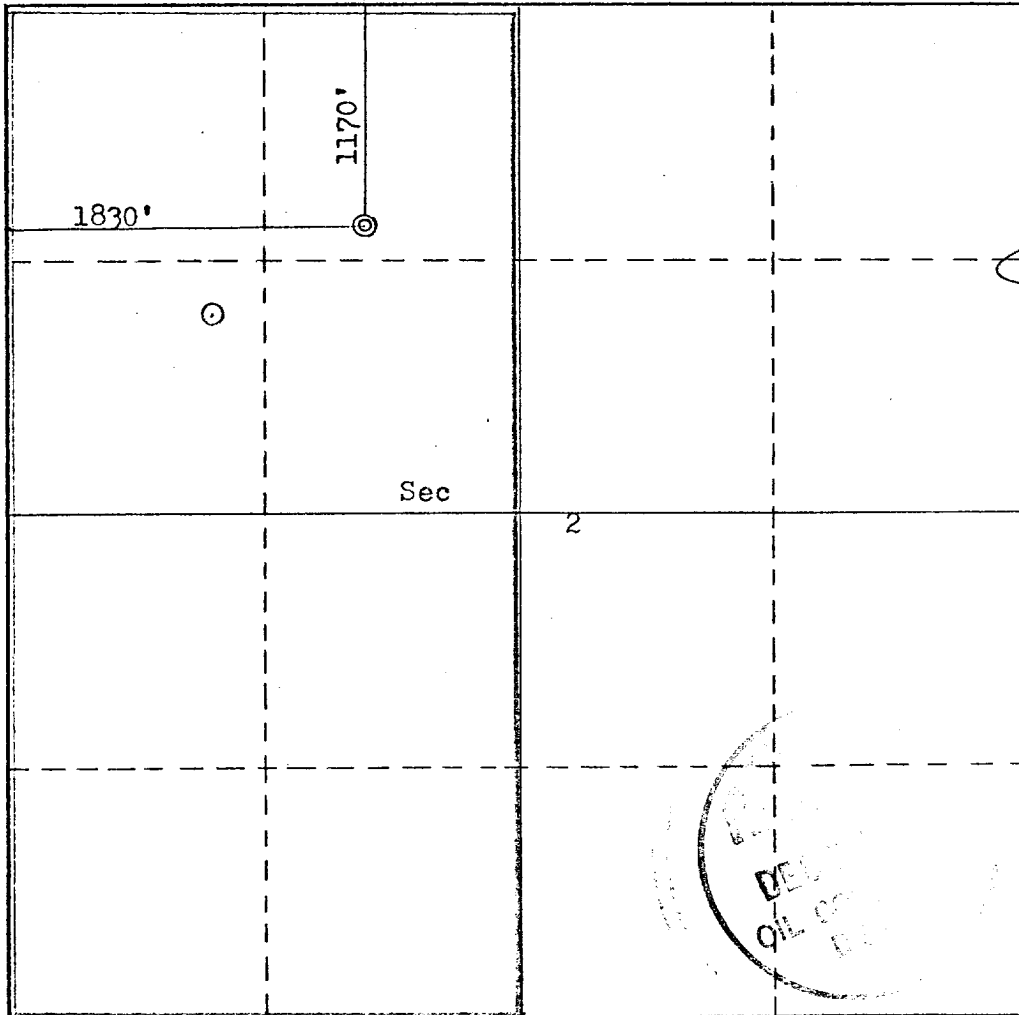
Operator Aztec Oil & Gas Company			Lease Patterson B Com		Well No. 1R
Unit Letter C	Section 2	Township 31N	Range 12W	County San Juan	
Actual Footage Location of Well: 1170 feet from the North line and 1830 feet from the West line					
Ground Level Elev. 6319	Producing Formation Mesa Verde		Pool Blanco	Dedicated Acreage: 320.85 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 _____
 Position
District Production Mgr.

Company
Aztec Oil & Gas Company

Date
December 15, 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
October 27, 1977

Registered Professional Engineer
 and/or Land Surveyor

Fred B. Kerr Jr.
Fred B. Kerr Jr.

Certificate No.

3950

AZTEC OIL & GAS COMPANY

P.O. DRAWER 570
FARMINGTON, NEW MEXICO 87401

December 15, 1977

New Mexico Oil Conservation Commission
1000 Rio Brazos Road
Aztec, New Mexico 87410

Attention: Mr. Al Kendrick

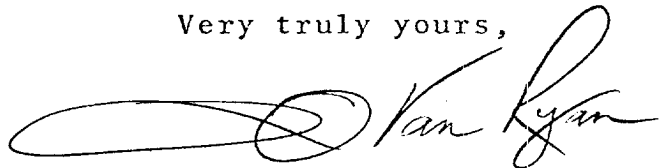
Dear Sir:

All drilling and completion rigs will be equipped with 6" or larger double gate hydraulic blowout preventers and a hydraulic operated closing unit with steel lines.

The preventer is 3000# working pressure and 6000# test.

All crews will be thoroughly trained in the operation of this preventer. The preventer will be tested at the beginning of every tower change to insure proper operation.

Very truly yours,

A handwritten signature in black ink, appearing to read "L. O. Van Ryan". The signature is fluid and cursive, with a large loop at the end.

L. O. Van Ryan
District Production Manager

LOVR/dg