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NEW MEXICO OIL CONSERVATION COMMISSION

30-045-22535
Form C-101
Revised 1-1-65

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,
EXPIRES 3-16-78

5A. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.
7. Unit Agreement Name
8. Farm or Lease Name Patterson B Com
9. Well No. #1A
10. Field and Pool, or Wildcat Blanco Mesa Verde
12. County San Jaun
19. Proposed Depth 5425'
19A. Formation Mesa Verde
20. Rotary or C.T. Rotary
22. Approx. Date Work will start January 15, 1978

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

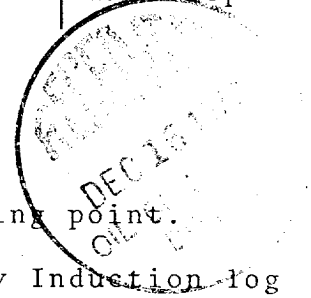
1a. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>
2. Name of Operator Aztec Oil & Gas Company
3. Address of Operator P. O. Drawer 570, Farmington
4. Location of Well UNIT LETTER L LOCATED 500 - FEET FROM THE South LINE AND 890 FEET FROM THE West LINE OF SEC 2 TWP. 31N RGE. 12W NMPM
21. Elevations (Show whether DF, RT, etc.) 6267'
21A. Kind & Status

19. Proposed Depth 5425'	19A. Formation Mesa Verde	20. Rotary or C.T. Rotary
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#	3080'	344 cu. ft.	Cover Ojo Alamo
6-1/4"	4-1/2"	10.0#	20#	2930'-5425'	438 cu. ft.	Liner top
	2-3/8"		7.7#	5400'		

Surface formation is Nacimicito.
Top of Ojo Alamo is at 1556'.
Top of Pictured Cliffs is at 2780'.
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 Density and a Gamma Ray Induction log be run at total depth.
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, rig availability and the weather.
Gas is dedicated.



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL 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 _____ Date _____

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DIST. #3 DATE DEC 16 1977

CONDITIONS OF APPROVAL, IF ANY:

do not allow to be drilled

NEW MEXICO
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.

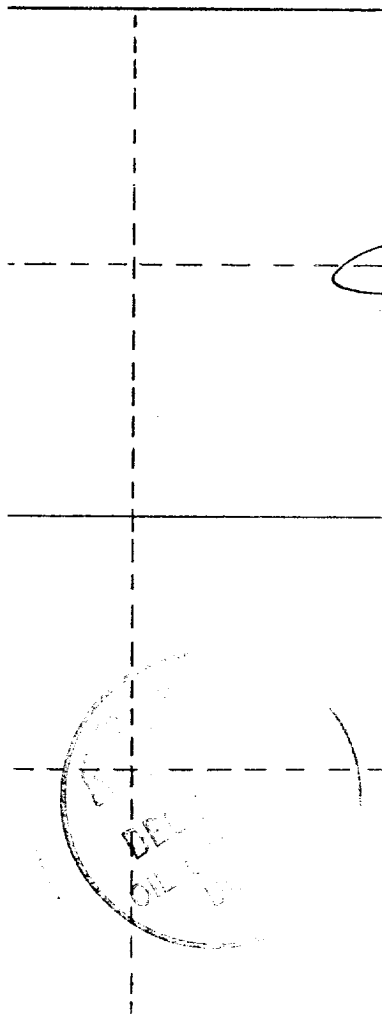
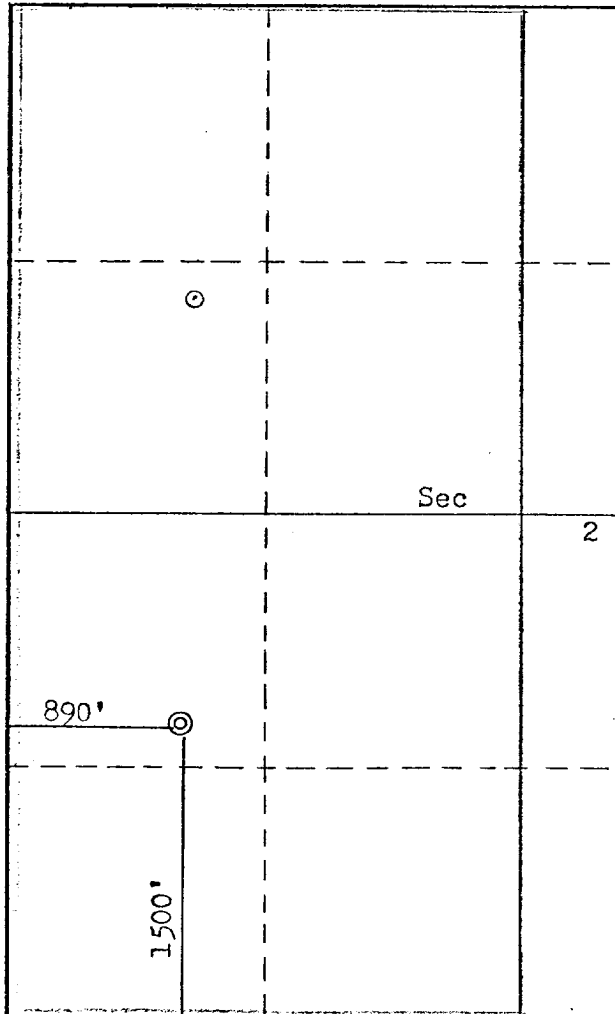
Operator Aztec Oil & Gas Company			Lease Patterson B Com		Well No. 1A
Unit Letter L	Section 2	Township 31N			
Actual Footage Location of Well: 1500 feet from the South line			890 feet from the West line		
Ground Level Elev. 6267		Producing Formation Mesa Verde	Pool Blanco		Dedicated Acreage: 320.85 Acres

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, forced-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: [Signature]
Position: Dist. 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: [Signature]
Fred B. Kerr Jr.
Certificate No.: 3950

0 330 660 990 1320 1650 1980 2310 2640

0 1500 1000 500 0

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

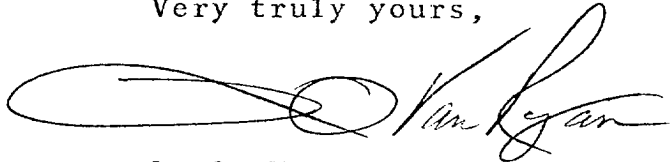
Dear Sir:

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 dark ink, appearing to read "L. O. Van Ryan". The signature is fluid and cursive, with a large loop at the beginning and a long, sweeping tail that extends to the right.

L. O. Van Ryan
District Production Manager

LOVR/dg