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NEW MEXICO OIL CONSERVATION COMMISSION

30-075-22436
Form C-101
Revised 1-1-65

5A. Indicate Type of Lease

STATE ☐ FEE ☒

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 Calloway	
2. Name of Operator Aztec Oil & Gas		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 C LOCATED 1020 FEET FROM THE North LINE AND 1850 FEET FROM THE West LINE OF SEC. 22 TWP. 31N RGE. 11W NMPM		12. County San Juan	
19. Proposed Depth 5120		19A. Formation Mesa Verde	20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, RT, etc.) 5840' GR	21A. Kind & Status Plug. Bond	21B. Drilling Contractor	22. Approx. Date Work will start

23.

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'	224 Cu. Ft.	Circ. to surface
8-3/4"	7"	20#	2828'	331 Cu. Ft.	Cover Ojo Alamo
6-1/4"	4-1/2"	10.5#	2678'-5120'	415 Cu. Ft.	Liner top
	2-3/8"	4.7#	5100'		

Surface formation is Nacimiento.

Top of Ojo Alamo sand is at 1343'.

Top of Pictured Cliffs sand is at 2528'.

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 Gamma Ray Induction and Gamma Ray 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.

Gas is dedicated.

FOR STATE USE
DRILLING PERMIT NO.

EXPIRES 6-28-77

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSED 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 March 22, 1977

(This space for State Use)

APPROVED BY [Signature] TITLE DATE MAR 23 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.

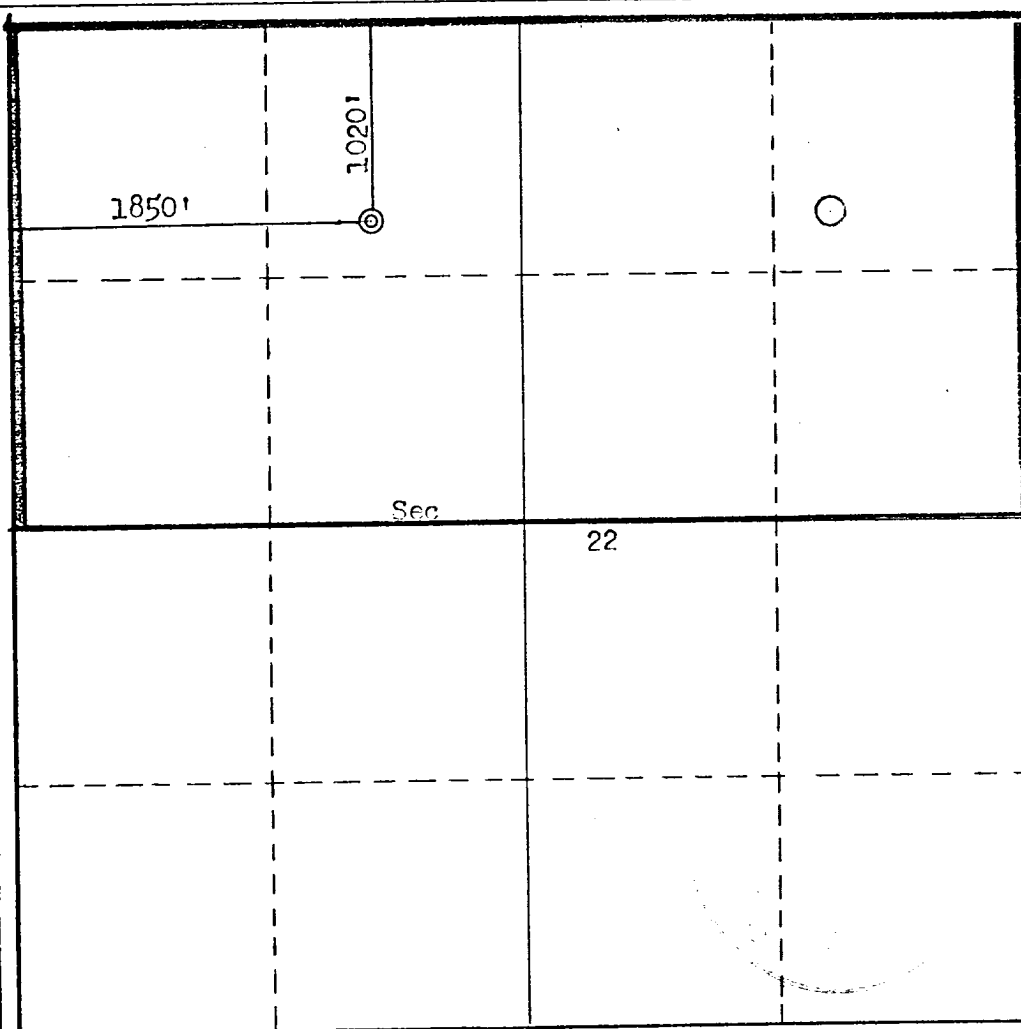
Operator Aztec Oil & Gas Company			Lease Calloway		Well No. 1A
Unit Letter C	Section 22	Township 31N	Range 11W	County San Juan	
Actual Footage Location of Well: 1020 feet from the North line and 1850 feet from the West line					
Ground Level Elev. 5840	Producing Formation Mesa Verde		Pool Blanco		Dedicated Acreage: 320 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: *Alan 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 7, 1977**
 Registered Professional Engineer and/or Land Surveyor

Fred B. Kerry Jr.
Fred B. Kerry Jr.

Certificate No.
3950

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

AZTEC OIL & GAS COMPANY

P. O. DRAWER 570
FARMINGTON, NEW MEXICO 87401

March 22, 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 8" 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.

Yours truly,

L. O. Van Ryan
District Production Manager

LOVR/dg

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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

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

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER-		7. Unit Agreement Name
2. Name of Operator Aztec Oil & Gas Company		8. Farm or Lease Name Calloway
3. Address of Operator P. O. Drawer 570, Farmington, New Mexico		9. Well No. #1-A
4. Location of Well UNIT LETTER C 1020' FEET FROM THE North LINE AND 1850' FEET FROM West 22 TOWNSHIP 31N RANGE 11W NMPM.		10. Field and Pool, or Wildcat Blanco Mesa Verde
15. Elevation (Show whether DF, RT, GR, etc.) 5840' GR		12. County San Juan

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input type="checkbox"/>	Spud & casing report <input checked="" type="checkbox"/>

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

4-24-77 Spudded 12-1/4" surface hole at 5:00 PM. Ran 5 joints of 9-5/8", 36#, K-55 casing. Total 206.95', shoe set at 219'. Cemented with 110 sacks Class "B" with 1/4# gel-flake per sack and 3% CaCl. Plug down at 2:05 AM. Cement circulated to surface.

18. 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 April 25, 1977

Original Signed by A. R. Kendrick

APPROVED BY _____ TITLE _____ DATE _____

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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

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

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.
USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER-		7. Unit Agreement Name
2. Name of Operator Aztec Oil & Gas Company		8. Farm or Lease Name Calloway
3. Address of Operator P. O. Drawer 570, Farmington, New Mexico 87401		9. Well No. #1-A
4. Location of Well UNIT LETTER C 1020 FEET FROM THE North LINE AND 1850 FEET FROM West LINE, SECTION 22 TOWNSHIP 31N RANGE 11W NMPM.		10. Field and Pool, or Wildcat Blanco Mesa Verde
15. Elevation (Show whether DF, RT, GR, etc.) 5840' GR		12. County San Juan

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐
PULL OR ALTER CASING ☐
OTHER ☐

PLUG AND ABANDON ☐
CHANGE PLANS ☐
OTHER ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐
COMMENCE DRILLING OPNS. ☐
CASING TEST AND CEMENT JOB ☐
OTHER ☐
Casing report ☒

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

4-28-77 Ran 70 joints of 7", 20#, K-55, 8rd casing. Total 2855.43', shoe set at 2828', insert valve set at 2814'. Cemented with 108 sacks 65/35 Class "B" Poz with 12% gel followed with 70 sacks Class "B" with 2% CaCl. Plug down at 9:25 AM. Circulated good while displacing.

5-1-77 Ran 76 joints of 4-1/2", 11.60#, K-55, 8rd casing. Total 2458.98', shoe set at 5129', float collar set at 5128', liner hanger at 2655.42'. Cemented with 20 barrels gel water and 362 sacks 50/50 Poz A Class "B" with 2% gel, 6.25# fine gilsonite per sack, 1/4# gel flake per sack and 0.6% Halad 9. Plug down at 4:45 AM.

18. 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 May 2, 1977

APPROVED BY [Signature]

PETROLEUM ENGINEER REG. NO. 3

DATE

CONDITIONS OF APPROVAL, IF ANY: