

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 and Gas

3. ADDRESS OF OPERATOR
Drawer 570, Farmington, New Mexico

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface
1100 ENL & 990 FEL, Sec. 1-26N-4W
At proposed prod. zone

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

16. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest dril. unit line, if any)

18. NO. OF ACRES IN LEASE
2561.86

17. NO. OF ACRES ASSIGNED
TO THIS WELL
160.11 P.C. 320.11 Mesaverde

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

19. PROPOSED DEPTH
6295

20. ROTARY OR CABLE TOOLS
rotary

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

7185 ground ungraded

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
15"	10-3/4"	32.75	150
9-7/8"	7-5/8"	26.40	4250
6-3/4"	5-1/2"	15.50	6295

QUANTITY OF CEMENT
150 sx
175 sx
250 sx

Propose to:

Set 150 feet 10-3/4" surface casing and cement to surface with 150 sx
Set 4250 feet 7-5/8" intermediate casing through Pictured Cliffs and
cement with 175 sx
Gas drilled from 4250 to TD (6295)
Run 5 1/2" liner from 4100 to TD and cement with 250 sx
Perforate Mesaverde section and sand water frac.
Set bridge plug above Mesaverde perforations.
Perforate Pictured Cliffs section and sand water frac.
Run 1 1/2" tubing with Model D packer for Mesaverde Production.
Run 1 1/2" tubing for Pictured Cliffs production.

Proration Unit N/2 for Mesaverde and NE/4 for Pictured Cliffs Sec 1-26N-4W

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 Joe C. Salmon
(This space for Federal or State office use)

TITLE District Superintendent

DATE 6/12/67

PERMIT NO.

APPROVAL DATE

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

TITLE

*See Instructions On Reverse Side

034
30-087-20040

5. LEASE DESIGNATION AND SERIAL NO.
Jicarilla Contract #101

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Jicarilla #101

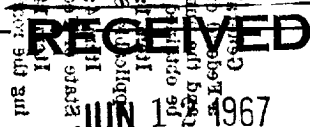
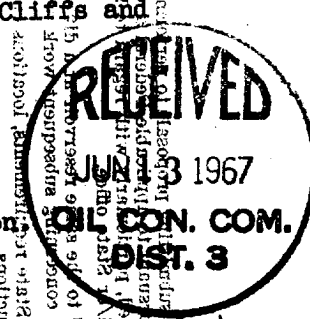
9. WELL NO.
1

10. FIELD AND FOOT OR MINERAL
Pictured Cliffs
Blanco Mesaverde

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA
Sec 1-26N-4W

12. COUNTY OR PARISH
Rio Arriba

13. STATE
New Mexico



U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

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**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACERAGE DEDICATION PLAT**

All distances must be from the outer boundaries of the Section

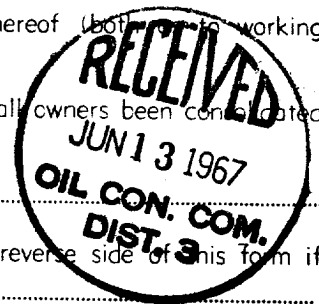
Operator AZTEC OIL & GAS COMPANY			Lease Jicarilla 101		Well No. 1
Unit Letter A	Section 1	Township 26 North	Range 4 West	County Rio Arriba	
Actual Footage Location of Well: 1100 feet from the North line and 990 feet from the East line					
Ground Level Elev. 7185	Producing Formation Pictured Cliffs-Mesaverde		Pool Tapacito Pictured Cliffs Blanco Mesaverde	Dedicated Acreage: 18.11	Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (but not 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 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 **Joe C. Salson**
 District Superintendent
 Company _____
 Date **Astec Oil And Gas**

6/12/67

I hereby certify that the well location shown on this plat was obtained 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 _____
June 7, 1967
 Registered Professional Engineer
 and/or Land Surveyor

E. J. Cochran
 Certificate No. **3602**

