

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-645-20477

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 Company

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 1160 FSL & 1560 FWL, Sec. 24-31N-12W
 At proposed prod. zone

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

5. LEASE DESIGNATION AND SERIAL NO.
SF-077652
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 7. UNIT AGREEMENT NAME
 8. FARM OR LEASE NAME
East
 9. WELL NO.
13
 10. FIELD AND POOL, OR WILDCAT
Aztec Pictured Cliffs
 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 24-31N-12W
 12. COUNTY OR PARISH
San Juan
 13. STATE
New Mexico

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

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED TO THIS WELL
160

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

19. PROPOSED DEPTH
2700

20. ROTARY OR CABLE TOOLS
rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
c 6066 Gr

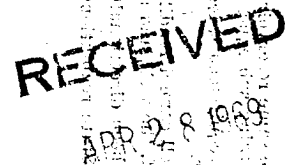
22. APPROX. DATE WORK WILL START*

23. PROPOSED CASING AND CEMENTING PROGRAM

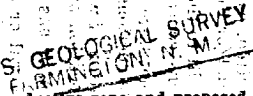
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	100'	50 sz
6-3/4"	4-1/2"	9.5#	2700'	250 sz

Propose to:

Drill 12-1/4" hole to 100' set 8-5/8" casing cement with 50 sz
 Drill 6-3/4" hole to TD 2700', set 4 1/2" casing cement with 250 sz
 Run induction electric log
 Perforate and frac Pictured Cliffs
 Run 1" tubing



Proration unit: SW/4 Sec. 24-31N-12W - 160 ag. S.



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. Salward (s) TITLE District Superintendent DATE 4-24-69

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY ad TITLE _____ DATE _____
 CONDITIONS OF APPROVAL, IF ANY:



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

Form C-102
Supersedes C-128
Effective 1-4-65

All distances must be from the outer boundaries of the Section.

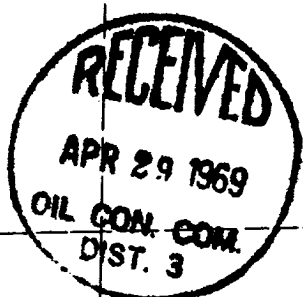
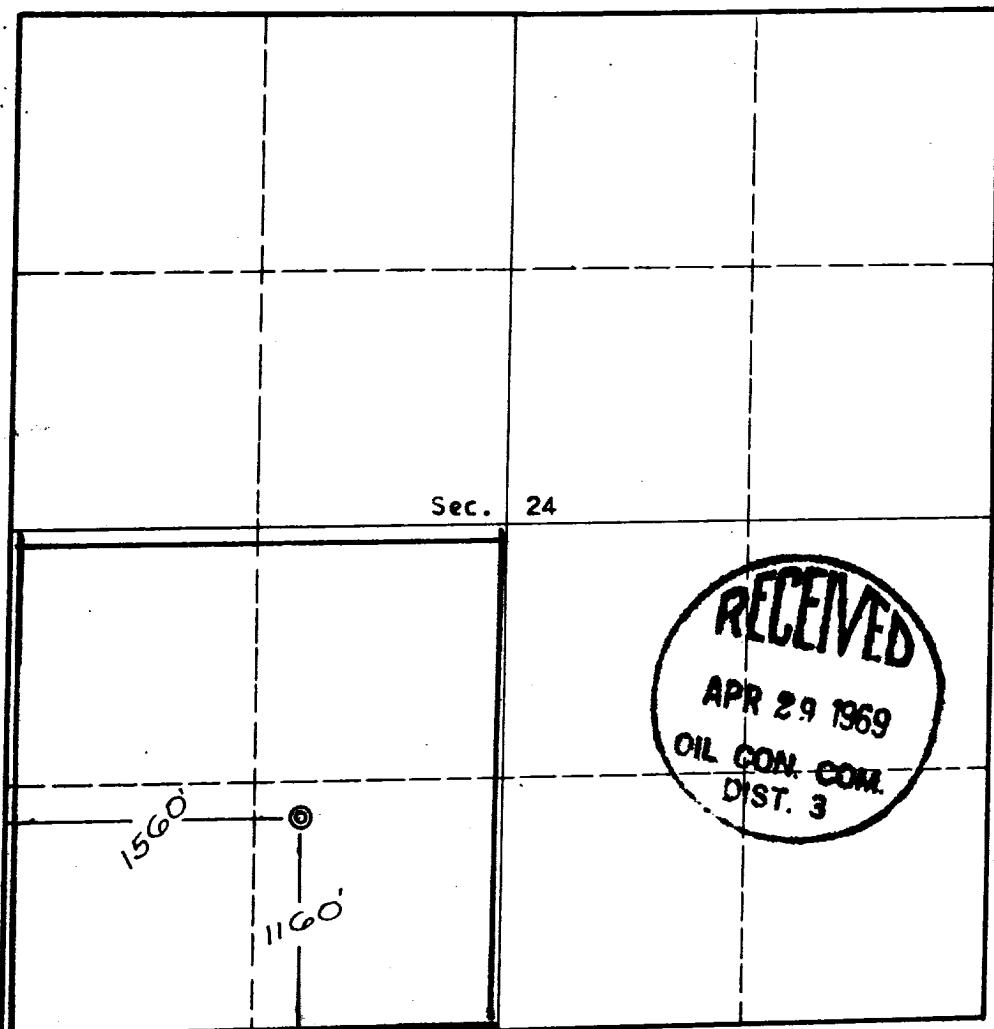
Operator AZTEC OIL & GAS COMPANY			Lease		Well No. 18
Unit Letter N	Section 24	Township 31 North	Range 12 West	County San Juan	
Actual Footage Location of Well: 1160 feet from the South line and 1560 feet from the West line					
Ground Level Elev. 6066	Producing Formation <i>Disturbed Cliffs</i>	Pool <i>Also Disturbed Cliffs</i>	Dedicated Acreage 1.00 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 (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.) _____

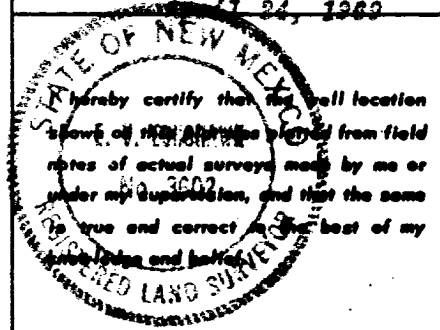
No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name <i>Joe C. Salvo</i>
Position <i>District Superintendent</i>
Company <i>Aztec Oil and Gas</i>
Date <i>11-24, 1969</i>



Date Surveyed March 28, 1969
Registered Professional Engineer and/or Land Surveyor <i>E. J. Carlsbank</i>
Certificate No. 3602

