

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-~~645~~ 20479

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 990 FSL & 1650 FEL, Sec. 19-31B-10/W  
At proposed prod. zone

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

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

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

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

19. PROPOSED DEPTH  
2780

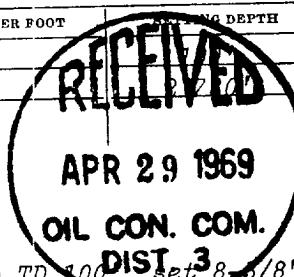
20. ROTARY OR CABLE TOOLS  
rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
5986 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
<u>12-1/4"</u>	<u>8-5/8"</u>	<u>24#</u>	<u>2780'</u>	<u>50 sx</u>
<u>6-3/4"</u>	<u>4-1/2"</u>	<u>9.5#</u>		<u>250 sx</u>



Propose to:

Drill 12-1/4" hole to TD 100', set 8-5/8" casing cement with 50 sx  
Drill to TD 2780', set 4 1/2" casing cement with 250 sx  
Run induction electric log  
Perforate and frac Pictured Cliffs  
Run 1" tubing

RECEIVED

APR 28 1969

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

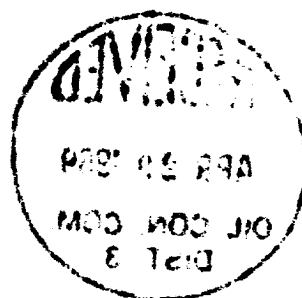
Proration unit: SE/4 Sec. 19-31N-10W - 160 ac  
IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Joe C. Salomon (dr) TITLE District Superintendent DATE 4-24-69  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

2u



**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.

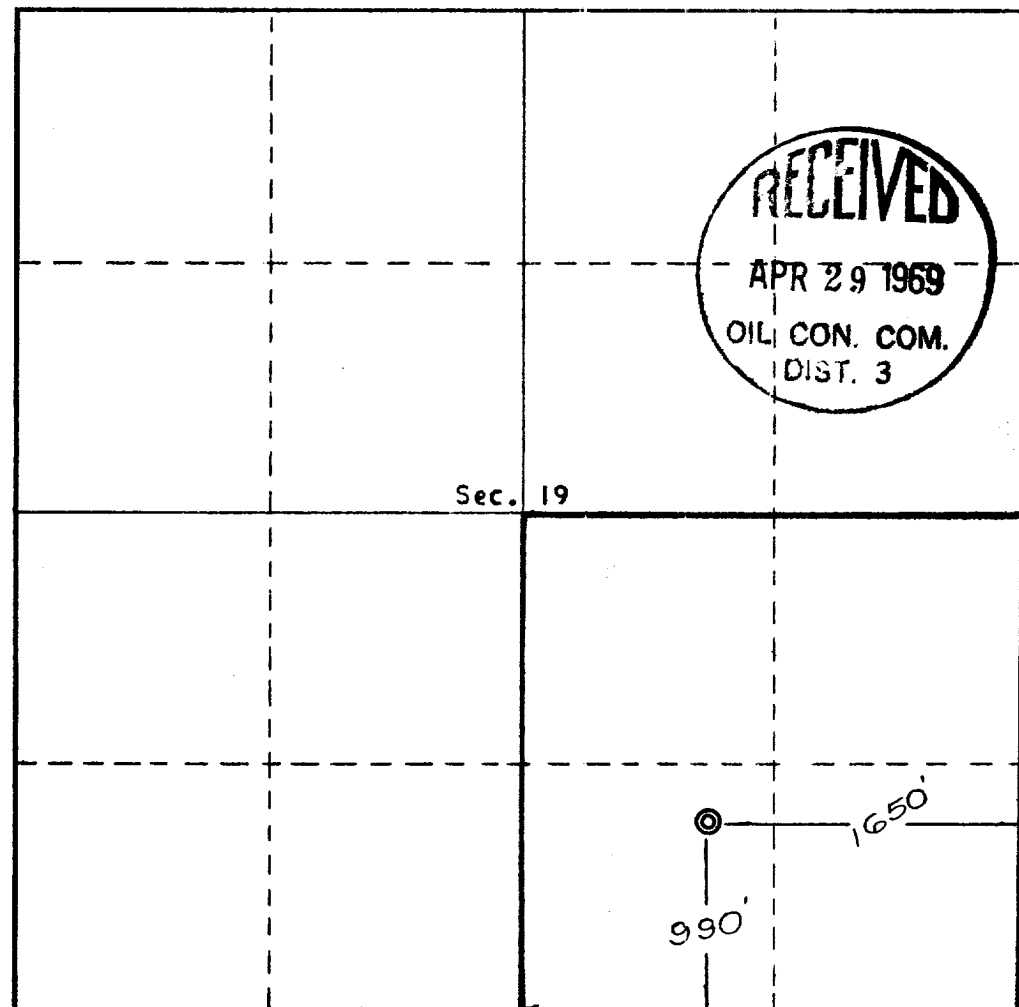
Operator <b>AZTEC OIL &amp; GAS COMPANY</b>			Lease <b>Crandall</b>		Well No. <b>8</b>
Unit Letter <b>0</b>	Section <b>19</b>	Township <b>31 North</b>	Range <b>10 West</b>	County <b>San Juan</b>	
Actual Footage Location of Well: <b>990</b> feet from the <b>South</b> line and <b>1650</b> feet from the <b>East</b> line					
Ground Level Elev. <b>5986</b>	Producing Formation <b>Pictured Cliffs</b>	Pool <b>Aztec Pictured Cliffs</b>	Dedicated Acreage <b>1.00</b> 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.) \_\_\_\_\_

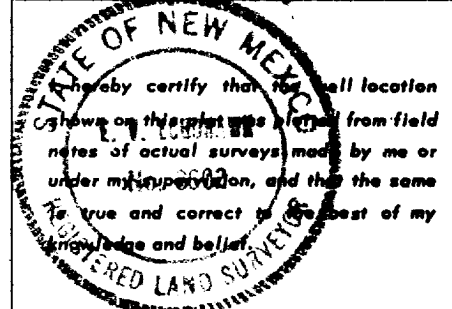
No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



**CERTIFICATION**

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

Name **Joe C. Salmon**  
 Position **District Superintendent**  
 Company **Aztec Oil and Gas**  
 Date **April 24, 1969**



Date Surveyed **April 15, 1969**  
 Registered Professional Engineer and/or Land Surveyor

*E. V. Echols*  
 Certificate No. **3602**

