

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

30-045-21302

5. LEASE DESIGNATION AND SERIAL NO.  
SF-078215

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Page

9. WELL NO.  
#2-Y

10. FIELD AND POOL, OR WILDCAT  
Blanco Mesaverde

11. SEC., T., R., M., OR BLK.  
AND SURVEY OR AREA  
Section 7-32N-10W

12. COUNTY OR PARISH  
San Juan

13. STATE  
New Mexico

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 & Gas Company

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
At surface  
830' FWL & 790' FSL  
At proposed prod. zone

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

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

16. NO. OF ACRES IN LEASE  
320

17. NO. OF ACRES ASSIGNED  
TO THIS WELL  
320

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

19. PROPOSED DEPTH  
6000

20. ROTARY OR CABLE TOOLS  
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
6816 GR

22. APPROX. DATE WORK WILL START\*  
15 days

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"	24.0	300	250
7-7/8	5-1/2	15.5	5800	600
4-3/4	3-1/2 (liner)	7.7	6000	100

## PROPOSE TO:

Set 300' of 8-5/8" surface casing, cement with 250 sxs.  
Drill 7-7/8" hole to approximately 5800'.  
Run 5-1/2" casing to 5800', two stage cement.  
DV tool set at approximately 3700'.  
Cement 1st stage with 300 sxs, cement 2nd stage with 300 sxs.  
Gas drill to TD 6000'.  
Run 3-1/2" liner, cement with 100 sxs.  
Perforate and frac Point Lookout formation.  
Run 1-1/2" tubing.  
Install well head.

Dedicated acreage: 320 acres, S/2 of Section 7-32N-10W  
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. ORIGINAL SIGNED BY JOE C. SALMON  
SIGNED \_\_\_\_\_ TITLE District Superintendent DATE July 2, 1973

(This space for Federal or State office use)

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

APPROVED BY \_\_\_\_\_ 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 1-1-65

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

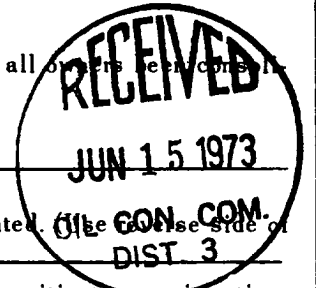
Operator <b>Aztec Oil &amp; Gas Company</b>			Lease <b>Page</b>		Well No. <b>2-Y</b>
Unit Letter <b>M</b>	Section <b>7</b>	Township <b>32N</b>	Range <b>10W</b>	County <b>San Juan</b>	
Actual Footage Location of Well: <b>790</b> feet from the <b>South</b> line and <b>830</b> feet from the <b>West</b> line					
Ground Level Elev. <b>6816</b>	Producing Formation <b>Mesaverde</b>	Pool <b>Blanco</b>		Dedicated Acreage: <b>320 327.64 Acres</b>	

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?

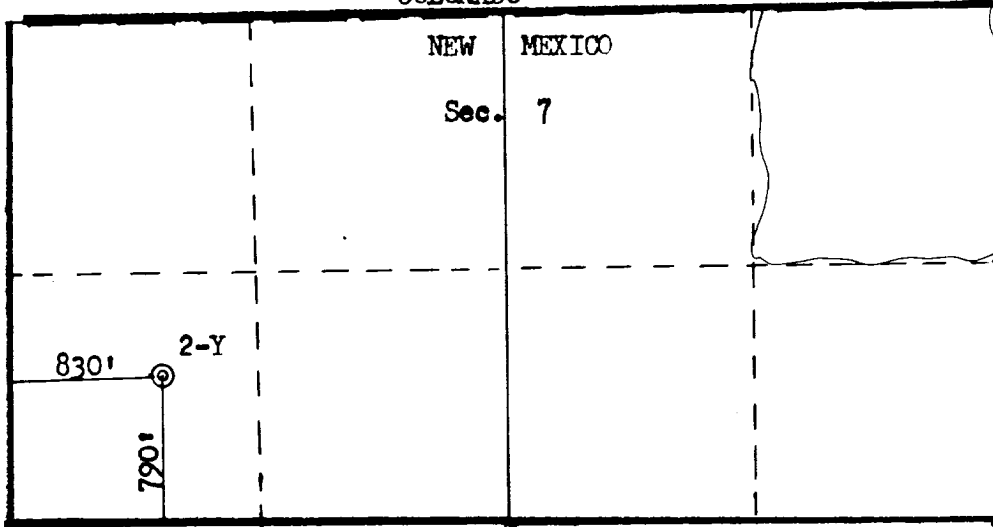
☐ Yes    ☐ No    If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use back 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.



**COLORADO**



Sec  
Cor.

$\frac{1}{4}$

Sec  
Cor.

**CERTIFICATION**

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

Name *Lac C. Salmon*

Position  
District Superintendent

Company  
Aztec Oil & Gas Company

Date  
June 14, 1973

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  
June 14, 1973

Registered Professional Engineer  
in the State of New Mexico  
[Signature]

Certificate No.  
3950