

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-045-22647

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.
SF-078138-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Current

9. WELL NO.
#2

10. FIELD AND POOL, OR WILDCAT
Basin Dakota

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 11, 30N, 11W

12. COUNTY OR PARISH
San Juan

13. STATE
New Mexico

17. NO. OF ACRES ASSIGNED TO THIS WELL
2 / 520 219 80

20. ROTARY OR CABLE TOOLS
Rotary

22. APPROX. DATE WORK WILL START*
September 1, 1977

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
1750' FNL & 1450' FEL
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 drlg. unit line, if any)

16. NO. OF ACRES IN LEASE
320

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
7150'

20. ROTARY OR CABLE TOOLS
Rotary

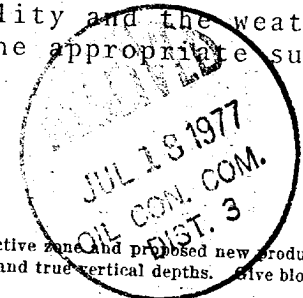
21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5922' GR

22. APPROX. DATE WORK WILL START*
September 1, 1977

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13-3/4"	9-5/8"	36#	300'	270 sxs
7-7/8"	4-1/2"	10.50#	6500'	713 sxs (in 3 stages)
	4-1/2"	11.60#	6500'-7150'	
	2-3/8"	4.7#	7125'	

Surface formation is Nacimiento.
Top of Ojo Alamo sand is 1054'.
Top of Pictured Cliffs sand is at 2415'.
A fresh water mud system will be used for drilling to Total Depth.
It is anticipated that IES and Gamma Ray Density logs will be run at TD.
No Abnormal pressures or poisonous gases are anticipated in this well.
It is expected that this well be drilled before September 15, 1977. This depends on time required for approvals, rig availability and the weather.
We will follow the surface restoration plan set out by the appropriate surface agency and the U.S.G.S.
Gas is dedicated.



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 _____ TITLE District Production Mgr. DATE July 12, 1977

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

JUL 15 1977

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.

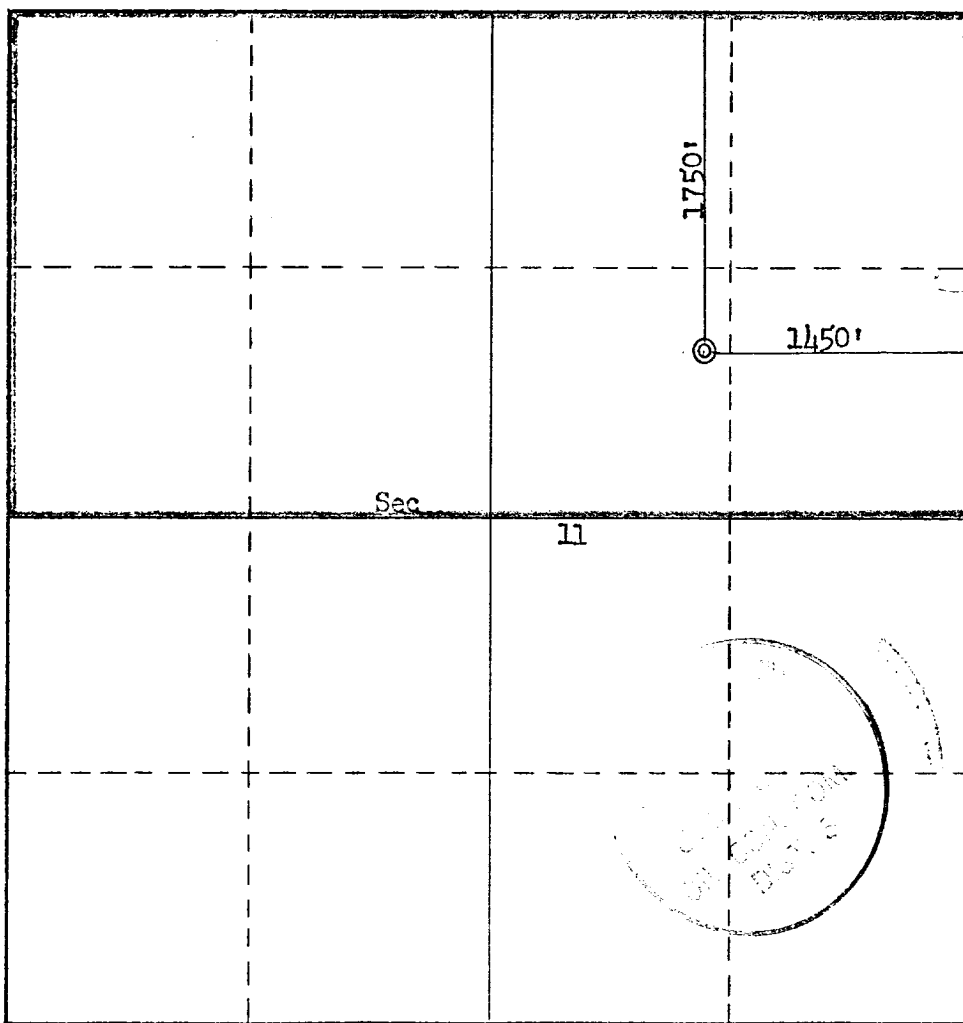
Operator Aztec Oil & Gas Company		Lease Current		Well No. 2
Unit Letter G	Section 11	Township 30N	Range 11W	County San Juan
Actual Footage Location of Well: 1750 feet from the North line and 1450 feet from the East line				
Ground Level Elev. 5922	Producing Formation Dakota	Pool Basin	Dedicated Acreage: 17 370 379.22 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: *[Signature]*
 Position: District Production Mgr.
 Company: Aztec Oil & Gas Company
 Date: July 12, 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: **June 24, 1977**
 Registered Professional Engineer and/or Land Surveyor:
[Signature]
Fred B. Kerr Jr.
 Certificate No. **3950**

