

UNITED STATES
DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY APZ 30-039 - 21240

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 & Gas Company3. ADDRESS OF OPERATOR
P. O. Drawer 570, Farmington, New Mexico4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface Section 10, T26N, R5W
1450' FNL & 790' FWL

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

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

6977 GR

16. NO. OF ACRES IN LEASE
32019. PROPOSED DEPTH
5970'17. NO. OF ACRES ASSIGNED
TO THIS WELL
32020. ROTARY OR CABLE TOOLS
Rotary22. APPROX. DATE WORK WILL START*
60 days

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13-3/8"	9-5/8"	32.30#	200	190 sacks
8-3/4"	7"	20#	3700	130 sacks
6-3/4"	4-1/2"	10.50#	3550-5970	230 sacks
	1-1/2"	2.90#	5970	

PROPOSE TO:

Drill 13-3/8" hole.
Set 200' of 9-5/8" casing. Cement with 190 sacks.
Drill 8-3/4" hole to approximately 3700'.
Run 7" casing. Cement with 130 sacks.
Gas drill 6-3/4" hole to approximately 5970'.
Run 4-1/2" liner from 3550' to Total depth.
Cement with 150 sacks.
Selectively perforate and frac Mesaverde formation.
Run 1-1/2" tubing.
Install well head.

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 Superintendent

DATE

May 28, 1976

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

JUN 3 1976

OR CON. COM.

DIST 3

See Instructions On Reverse Side

**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.

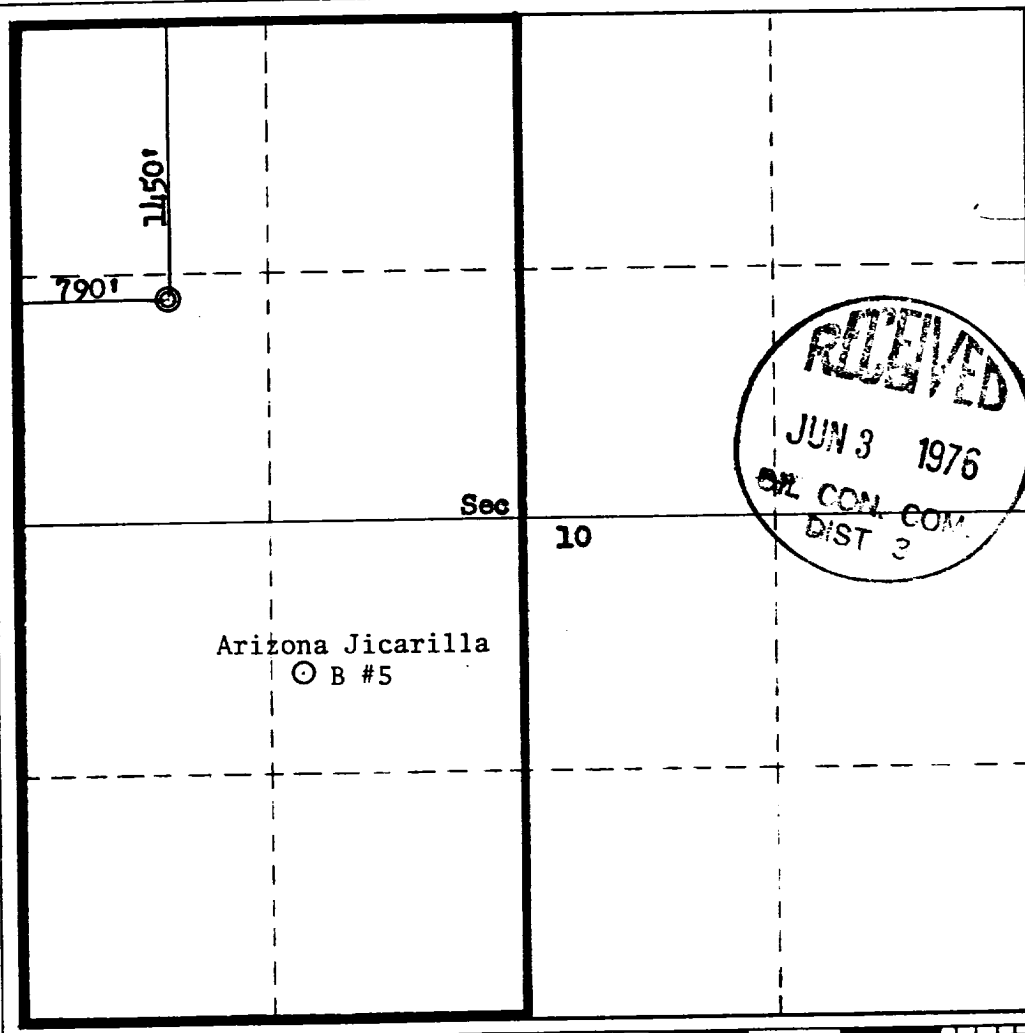
Operator Astec Oil & Gas Company			Lease Arizona Jicarilla "B"		Well No. 5-A
Unit Letter E	Section 10	Township 26N	Range 5W	County Rio Arriba	
Actual Footage Location of Well: 1450 feet from the North line and 790 feet from the West line					
Ground Level Elev. 6977	Producing Formation Mesa Verde		Pool Blanco		Dedicated Acreage: u/ 320 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
L. O. Van Ryan

Position
District Superintendent

Company
Astec Oil & Gas Company

Date
May 27, 1976

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
May 26, 1976

Registered Professional Engineer and/or Land Surveyor
Fred B. Ketch Jr.

Certificate No.
3950