

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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

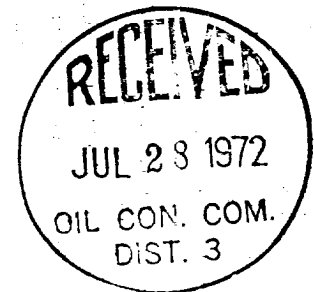
1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. Contract #151	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Tribe	
2. NAME OF OPERATOR Astec Oil & Gas Company			7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR Drawer 570, Farmington, New Mexico			8. FARM OR LEASE NAME Arizona Jicarilla "B"	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1840' FSL & 1490' FWL At proposed prod. zone			9. WELL NO. #5	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*			10. FIELD AND POOL, OR WILDCAT Blanco Mesaverde	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drill unit line, if any)			11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA Section 10-26N-5W	
16. NO. OF ACRES IN LEASE 2059.16			12. COUNTY OR PARISH Rio Arriba	
17. NO. OF ACRES ASSIGNED TO THIS WELL 320			13. STATE New Mexico	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 5902			14. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6915 GR			22. APPROX. DATE WORK WILL START* on approval	

## 23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
15"	10-3/4"	32.75	300	300 sxs
9-7/8"	7-5/8"	26.40	3690	200 sxs
6-3/4"	4-1/2"	10.50	3590-5902	250 sxs

## PROPOSE TO:

1. Run Gamma and Induction Logs.
2. Perforate and Frac the Mesaverde formation.
3. Run tubing and complete.



Dedicated Acreage: W/2 Section 10-26N-5W 320 acres

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 prevention program, if any.

SIGNED [Signature] TITLE District Superintendent DATE 7-24-72  
(This space for Federal or State office use)

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

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

\*See Instructions On Reverse Side

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-112  
Supersedes C-128  
Effective 1-1-65

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

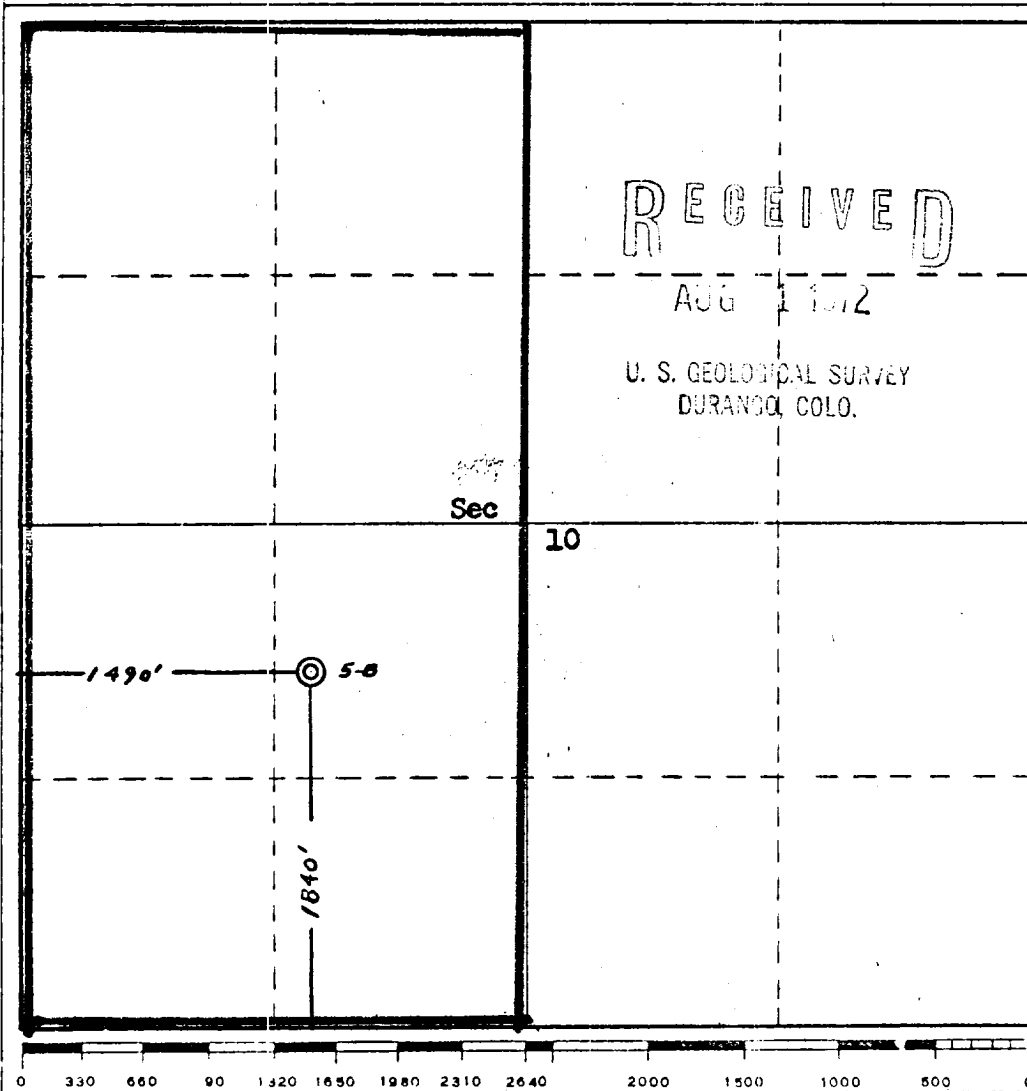
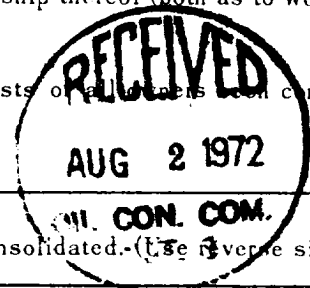
Operator <b>Aztec Oil &amp; Gas Company</b>			Lease <b>Arizona Jicarilla</b> (Cont #151) <b>B</b>		Well No. <b>5-B</b>
Unit Letter <b>K</b>	Section <b>10</b>	Township <b>26N</b>	Range <b>5W</b>	County <b>Rio Arriba</b>	
Actual Footage Location of Well: <b>1840</b> feet from the <b>South</b> line and <b>1490</b> feet from the <b>West</b> line					
Ground Level Elev. <b>6915</b>	Producing Formation <b>Mesa Verde</b>		Pool <b>Blanco</b>	Dedicated Acreage <input checked="" type="checkbox"/> <b>3.20</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 \_\_\_\_\_  
ORIGINAL SIGNED BY JOE C. SALMON  
Position \_\_\_\_\_

Company \_\_\_\_\_

Date \_\_\_\_\_

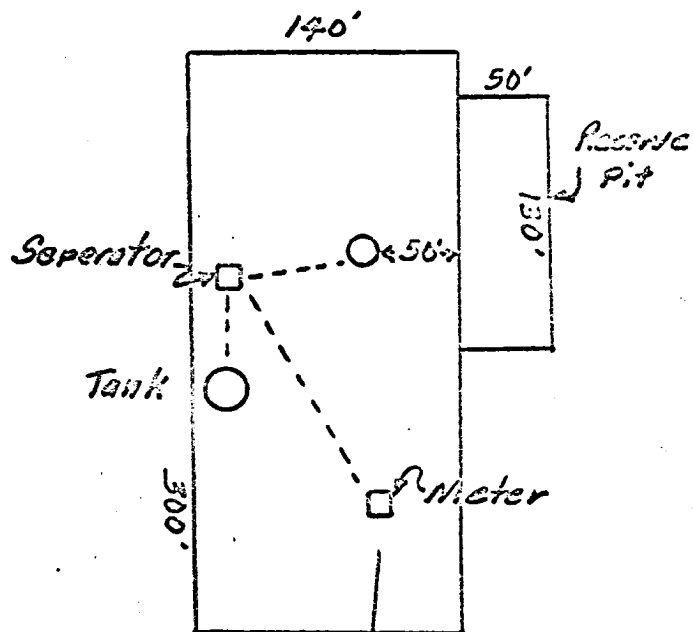
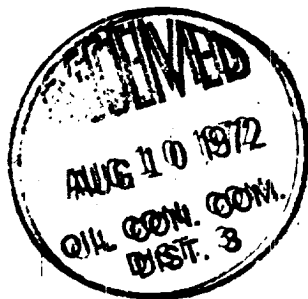
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed  
**July 31, 1972**

Registered Professional Engineer and/or Land Surveyor

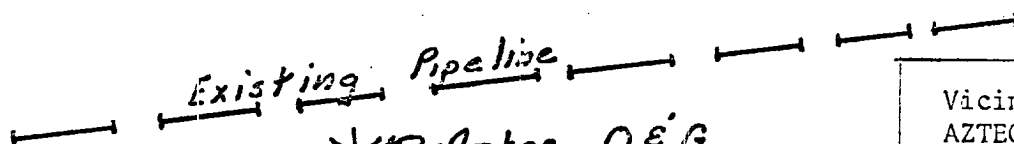
**Fred B. Kerr Jr.**


Certificate No. **3950**

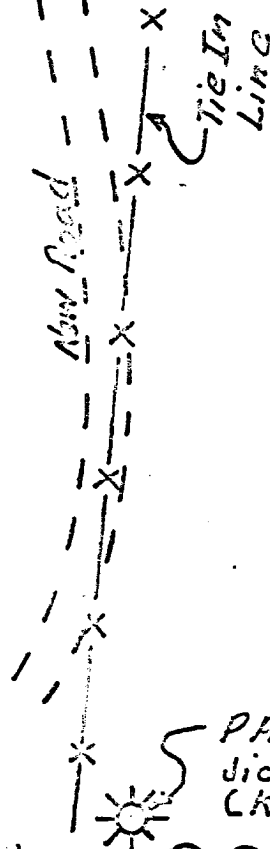


RECEIVED

U. S. GEOLOGICAL SURVEY  
DENVER, COLO.



 **Aztec O & G**  
**Arizona Jicarilla**  
**3-B (P.C.)**



**PAP**  
**Jicarilla 131 #1**  
**(Kd)**

Vicinity Map for  
AZTEC OIL & GAS CO.  
Arizona Jicarilla B #5  
1840' FSL & 1490' FWL  
Section 10-26N-5W  
Rio Arriba County, New Mexico

Scale: 1" = 100'

August 7, 1972

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 42-R1424.  
5. LEASE DESIGNATION AND SERIAL NO.

Contract #151  
6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>	7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR Aztec Oil & Gas Company	8. FARM OR LEASE NAME Arizona Jicarilla "B"
3. ADDRESS OF OPERATOR P. O. Drawer 570, Farmington, New Mexico	9. WELL NO. #5
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1840' FSL & 1490' FWL	10. FIELD AND POOL, OR WILDCAT Planco Mesaverde <i>Ext.</i>
	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 10-26N-5W
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6915 GR
	12. COUNTY OR PARISH Rio Arriba
	13. STATE New Mexico

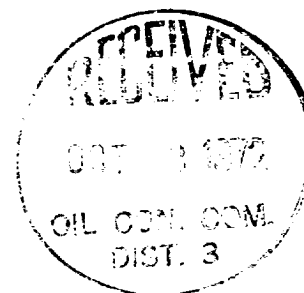
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input checked="" type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

9-19-72 Ran 10 jts of 10-3/4" casing. Total 319.50'. Set at 332 KB. Cemented with 270 sxs class A with 2% cacl and 1/4# gel per sack.



18. I hereby certify that the foregoing is true and correct

SIGNED \_\_\_\_\_ TITLE District Superintendent DATE 9-26-72

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY: