

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-043-20649

## 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 Energy Corporation

## 3. ADDRESS OF OPERATOR

1206 East 20th Street, Farmington, New Mexico

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)

At surface 1705' ~~PNL~~ 865' FELAt proposed prod. zone  
Same

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

11 miles Southeast of Ojito, New Mexico

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any) 865 ft.18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

2785

## 16. NO. OF ACRES IN LEASE

2561.04

## 19. PROPOSED DEPTH

6900 ft.

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

SE/4 160 acres

## 20. ROTARY OR CABLE TOOLS

Rotary

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

7106' GR

## 22. APPROX. DATE WORK WILL START\*

August 15, 1982

## 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#/ft.	270 ft.	175 sx circulated
7-7/8"	4-1/2"	11.6#/ft.	6900 ft.	1100 sx

We desire to drill a 12-1/4" surface hole to approximately 270 feet and run new 8-5/8" 24#/ft. casing at this depth, using natural mud as the circulating medium. Cement with approx. 175 sx circulated to the surface. Pressure test the casing to 1000 psig.

Drill a 7-7/8" hole to approx. 6900 ft.

Log the well.

Run new 4-1/2", 11.6#/ft. casing to TD with the locations of DV tools and cement volumes being determined after logging. Perforate and stimulate the Dakota zone.

Clean up well and run tubing to the producing zone. Nipple down wellhead.

Test the well and connect to gathering system.

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

Ronnie W. Allen  
Ronnie W. Allen

TITLE

Geologist

DATE

6-24-82

PERMIT NO.

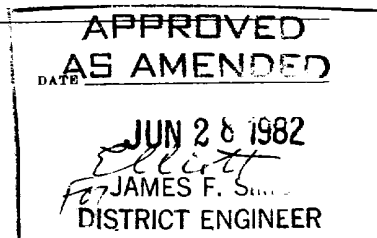
APPROVAL

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

oh T



NMOCC

# WELL LOCATION AND ACREAGE DEDICATION PLAT

Supercedes C-128  
Effective 1-1-63

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

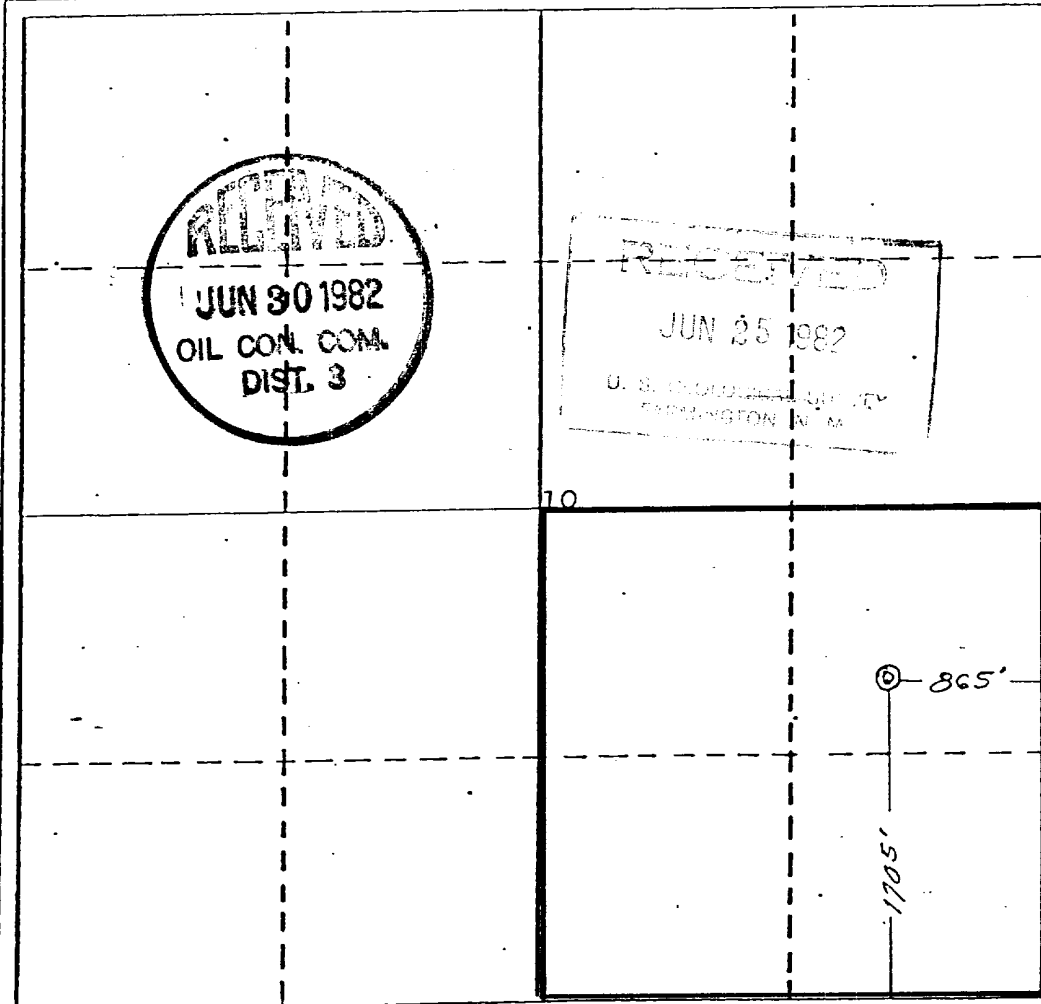
Operator <b>AZTEC ENERGY CORPORATION</b>		Lease <b>Jicarilla</b>		Well No. <b>3</b>
Unit Letter <b>I</b>	Section <b>10</b>	Township <b>22 NORTH</b>	Range <b>3 WEST</b>	County <b>SANDOVAL</b>
Actual Footage Location of Well: <b>1705</b> feet from the <b>SOUTH</b> line and <b>865</b> feet from the <b>EAST</b> line				
Ground Level Elev. <b>7106</b>	Producing Formation	Pool <b>Chacon Dakota Ext.</b>	Dedicated Acreage: <b>160</b> 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.

*Ronnie W. Allen*  
Name

Geologist

Position

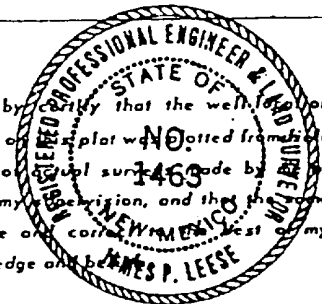
Aztec Energy Corp.

Company

June 23, 1982

Date

I hereby certify that the well location shown on this plat was plotted from field notes of a legal survey 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

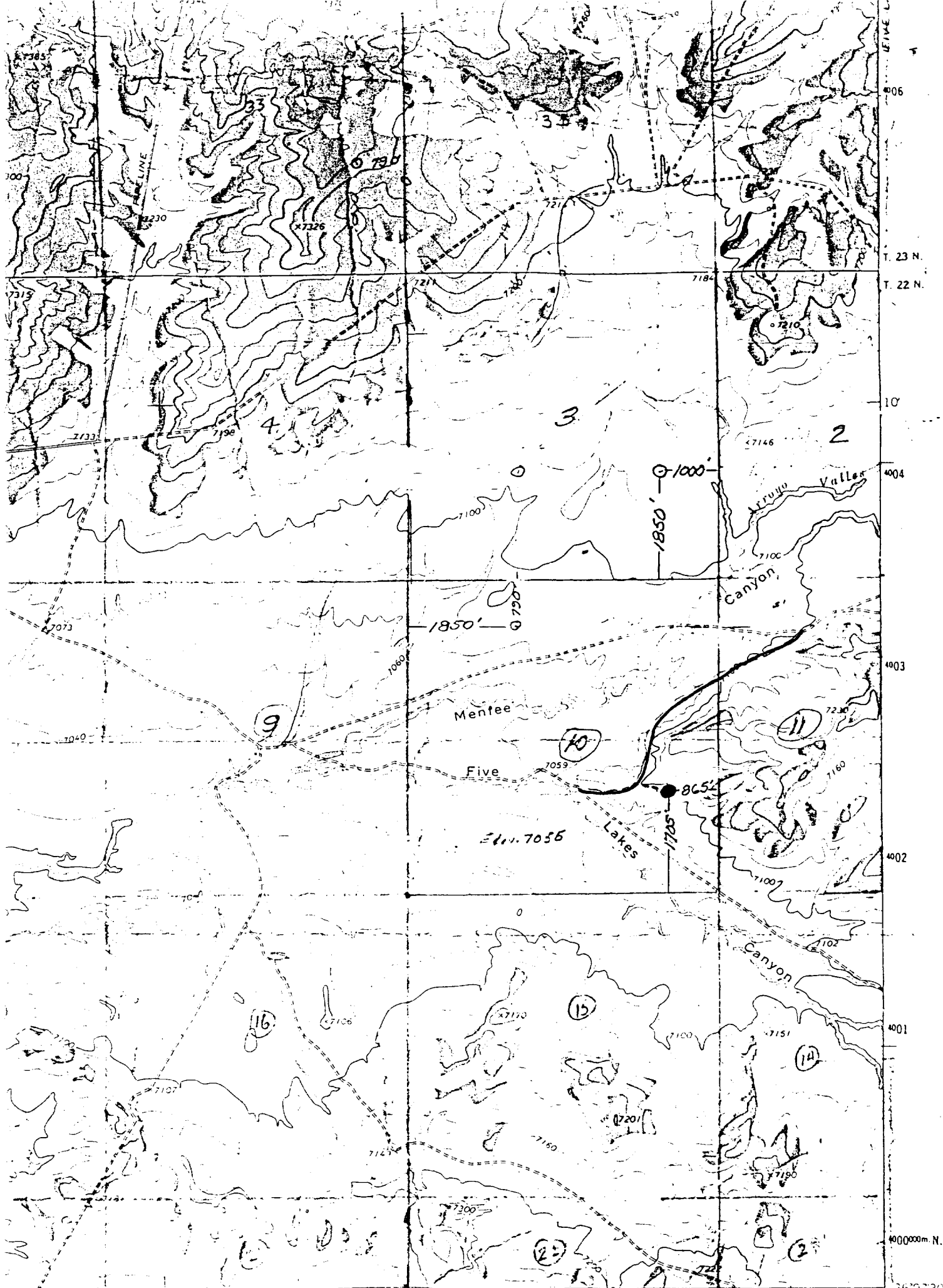
23 June 1982

Registered Professional Engineer  
and/or Land Surveyor

*James P. Leese*  
James P. Leese

Certificate No.

1463



AZTEC ENERGY CORPORATION  
NE 1/4 Sec. 10, T22N, R3W  
Sandoval County, New Mexico

Unimproved dirt =====

○ State Route

FIVE LAKES CANYON NW, N. MEX.

NEW MEXICO

QUADRANGLE LOCATION