

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## 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 &amp; 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

1625' FNL &amp; 1810' 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.

16. NO. OF ACRES IN LEASE

2198.48

19. PROPOSED DEPTH

2658'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

20. ROTARY OR CABLE TOOLS

Rotary

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

6112' GR

22. APPROX. DATE WORK WILL START\*

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"	28#	160'	120 sx.
6-3/4"	2-7/8"	6.5#	2658'	245 sx.

Surface formation is Nacimiento.

Top of Ojo Alamo sand is 982'.

Top of Pictured Cliffs sand is 2488'.

A fresh water mud system will be used for drilling to total depth.

It is anticipated that IES and Density logs will be run at total depth.

No abnormal pressures or poisonous gases are anticipated in this well.

It is expected that this well will be drilled before July 1, 1977. This depends on time required for approvals and rig availability.

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 Manager

DATE: May 13, 1977

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*OK*

\*See Instructions On Reverse Side

30-045-22560

5. LEASE DESIGNATION AND SERIAL NO.

SF-077648

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Decker "A"

9. WELL NO.

#4

10. FIELD AND POOL, OR WILDCAT

Pictured Cliffs

11. SEC., T., R., M., OR BLK.  
AND SURVEY OR AREA

Section 3, T31N, R12W

12. COUNTY OR PARISH

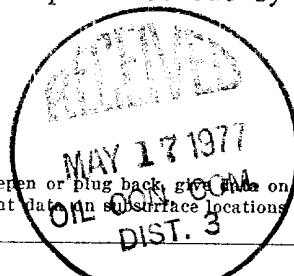
13. STATE

San Juan

New Mexico

RECEIVED

MAY 16 1977



U.S. GEOLOGICAL SURVEY

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.

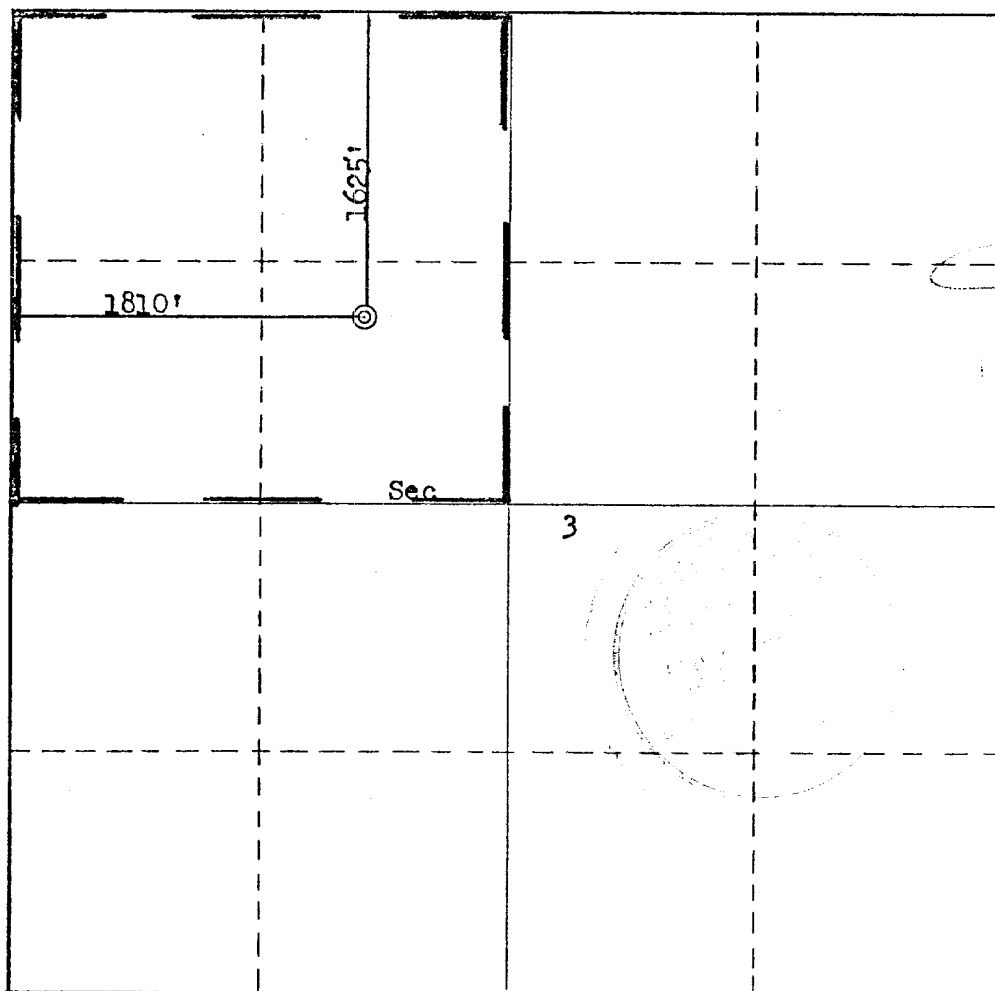
Operator <b>AZTEC OIL &amp; GAS COMPANY</b>			Lease <b>DECKER A</b>		Well No. <b>4</b>
Unit Letter <b>F</b>	Section <b>3</b>	Township <b>31N</b>	Range <b>12W</b>	County <b>San Juan</b>	
Actual Footage Location of Well: <b>1625</b> feet from the <b>North</b> line and <b>1810</b> feet from the <b>West</b> line					
Ground Level Elev. <b>6112</b>	Producing Formation <b>Pictured Cliffs</b>		Pool <b>AZTEC</b>	Dedicated Acreage: <b>160</b> <b>161.32</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

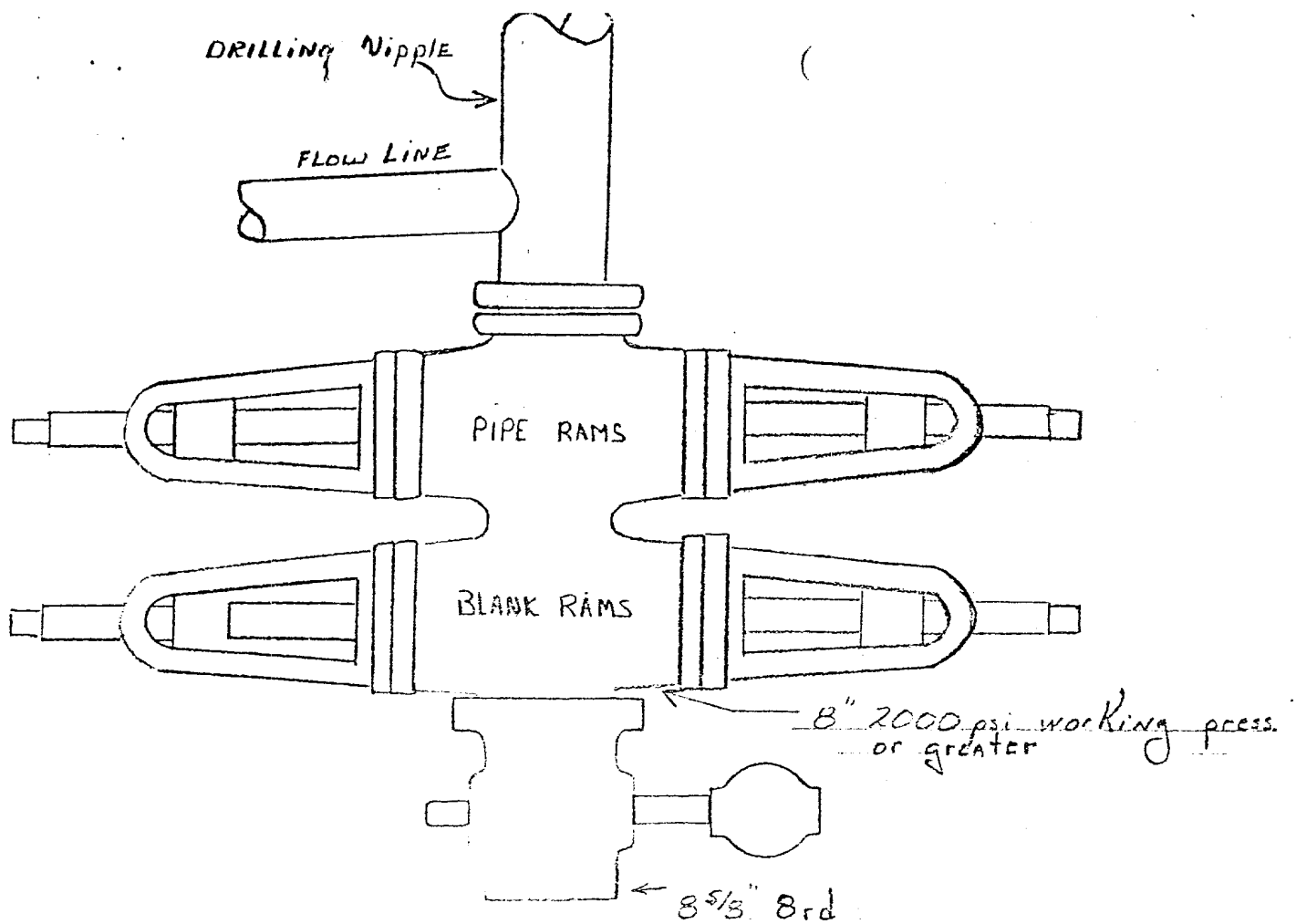
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name \_\_\_\_\_  
Position \_\_\_\_\_  
District Production Manager  
Company \_\_\_\_\_  
Aztec Oil & Gas Company  
Date \_\_\_\_\_  
May 13, 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.

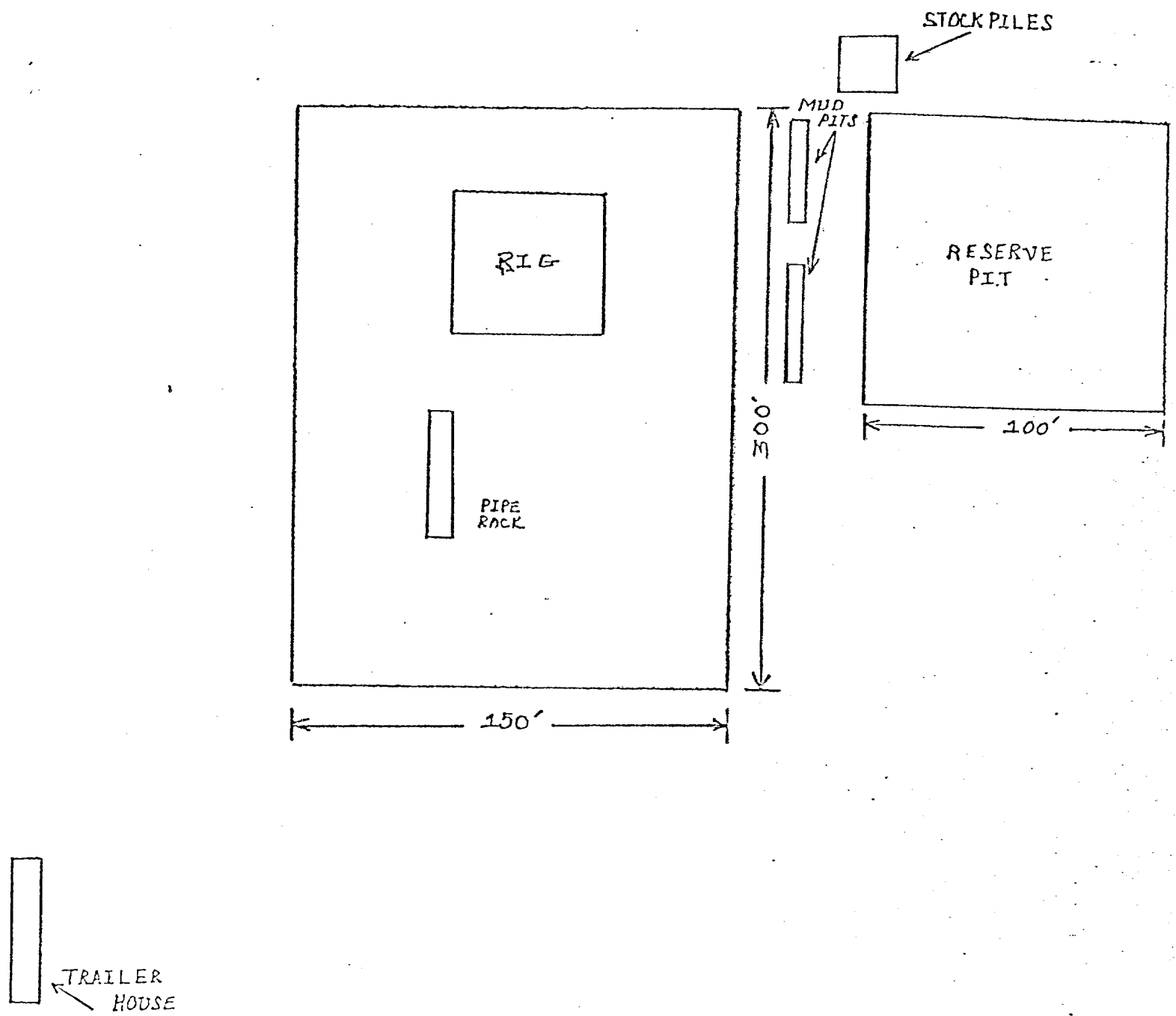
Date Surveyed \_\_\_\_\_  
May 3, 1977  
Registered Professional Engineer and/or Land Surveyor  
Fred B. Kerr Jr.  
Certificate No. \_\_\_\_\_  
3950

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0



Preventers and spools are to have through bore of 8" - 2000# or larger.

LOCATION LAYOUT



PARKING AREA

CUT REQUIRED FOR ABOVE  
LOCATION: 5'

# AZTEC OIL & GAS COMPANY

P.O. DRAWER 570

FARMINGTON, NEW MEXICO 87401

United States Geological Survey  
P. O. Box 959  
Farmington, New Mexico

Attention: Mr. P. T. McGrath

Dear Sir:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein be performed by Aztec Oil & Gas Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

Date: May 13, 1977

Name: Curtis C. Parsons *CCP*

Title: District Engineer

# AZTEC OIL & GAS COMPANY

P. O. DRAWER 570  
FARMINGTON, NEW MEXICO 87401

May 13, 1977

United States Geological Survey  
P.O. Box 1809  
Durango, Colorado

Attention: Mr. Jerry Long

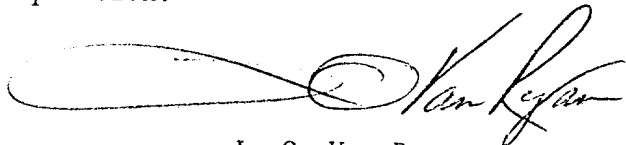
RE: Blowout Preventer Plan

Dear Sir:

All drilling and completion wells will be equipped with 6" double hydraulic blowout preventers and a hydraulic closing unit with steel line.

The preventer is 3000# working pressure and 6000# test.

All crews will be thoroughly trained in the operation of this preventer. The preventer will be tested at the beginning of every tower change to insure proper operation.

A handwritten signature in dark ink, appearing to read "L. O. Van Ryan". The signature is fluid and cursive, with a large loop at the end.

L. O. Van Ryan  
District Superintendent

LOVR/eg

# AZTEC OIL & GAS COMPANY

P. O. DRAWER 570  
FARMINGTON, NEW MEXICO 87401

May 13, 1977

United States Geological Survey  
P. O. Box 959  
Farmington, New Mexico 87401

Attention: Mr. P. T. McGrath

Enclosed please find map showing existing roads and planned access roads to Aztec Oil & Gas Company's Decker A #4 well. The locations of tank batteries and flow lines will be on location with well. A burn pit will be provided for disposal of trash. Cuttings, drilling fluid and produced fluids will be put into the reserve pit and properly disposed of depending on amount and type of fluids.

There will be no camps or air strips.

Also enclosed is location layout showing approximate location of rig, pits and pipe racks.

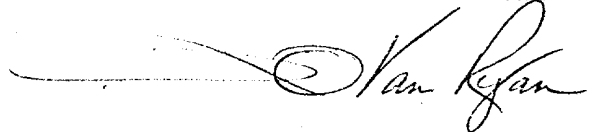
Water supply will be Farmer's Ditch.

The location will be restored according to Bureau of Land Management standards. This work will begin when all related construction is finished.

Mr. Bernie Mahony will be Aztec Oil and Gas Company's field representative supervision these operations.

Yours truly,

AZTEC OIL & GAS COMPANY



L. O. Van Ryan  
District Production Manager

LOVR/dg

