

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-075-22649

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 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 900' FNL & 790' 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)

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.)
5754' GR

16. NO. OF ACRES IN LEASE

19. PROPOSED DEPTH
2071

17. NO. OF ACRES ASSIGNED
TO THIS WELL

20. ROTARY OR CABLE TOOLS
Rotary

22. APPROX. DATE WORK WILL START*
August 10, 1977

5. LEASE DESIGNATION AND SERIAL NO.

SF-078813

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Cooper

9. WELL NO.

#9

10. FIELD AND POOL, OR WILDCAT

Fulcher Kutz
Pictured Cliffs

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

Section 7-29N-11W

12. COUNTY OR PARISH 13. STATE

San Juan New Mexico

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 sxs
6-3/4"	2-7/8"	6.4#	2071'	365 sxs

Surface formation is Nacimiento.

Top of Ojo Alamo sand is at 368'.

Top of Pictured Cliffs sand is at 1921'.

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 August 10, 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.

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 [Signature] TITLE District Production Mgr DATE July 15, 1977

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

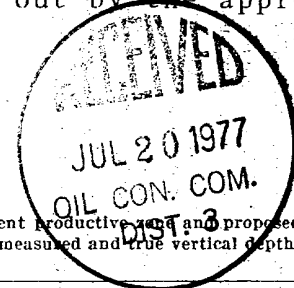
APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

APPROVAL TO FLARE GRANTED
WHILE DRILLING AND TESTING

*See Instructions On Reverse Side

JUL 18 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.

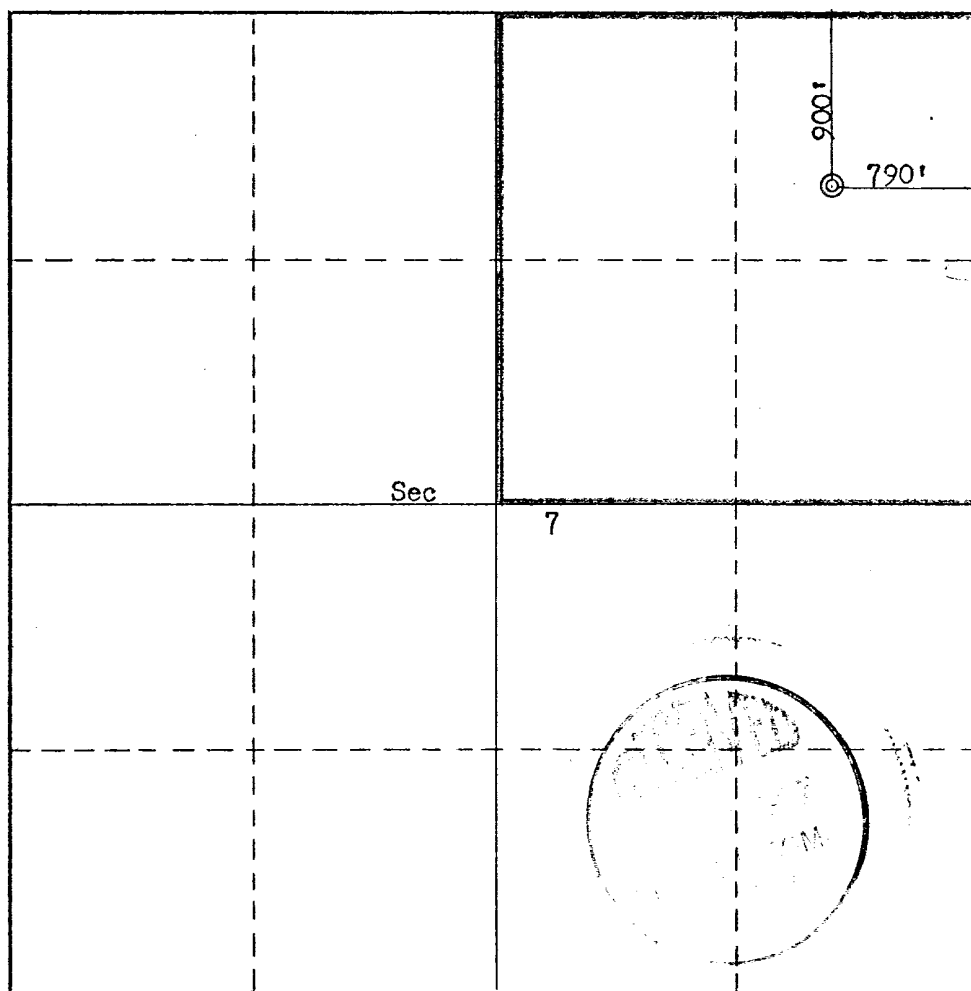
Operator Aztec Oil & Gas Company			Lease Cooper		Well No. 9
Unit Letter A	Section 7	Township 29N	Range 11W	County San Juan	
Actual Footage Location of Well: 900 feet from the North line and 790 feet from the East line					
Ground Level Elev. 5754	Producing Formation Pictured Cliffs	Pool Fulcher Kutz		Dedicated Acreage: 160 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

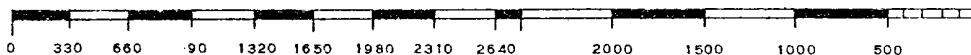
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name _____
Position
District Production Mgr.
Company
Aztec Oil & Gas Company
Date
July 15, 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.

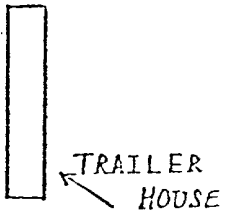
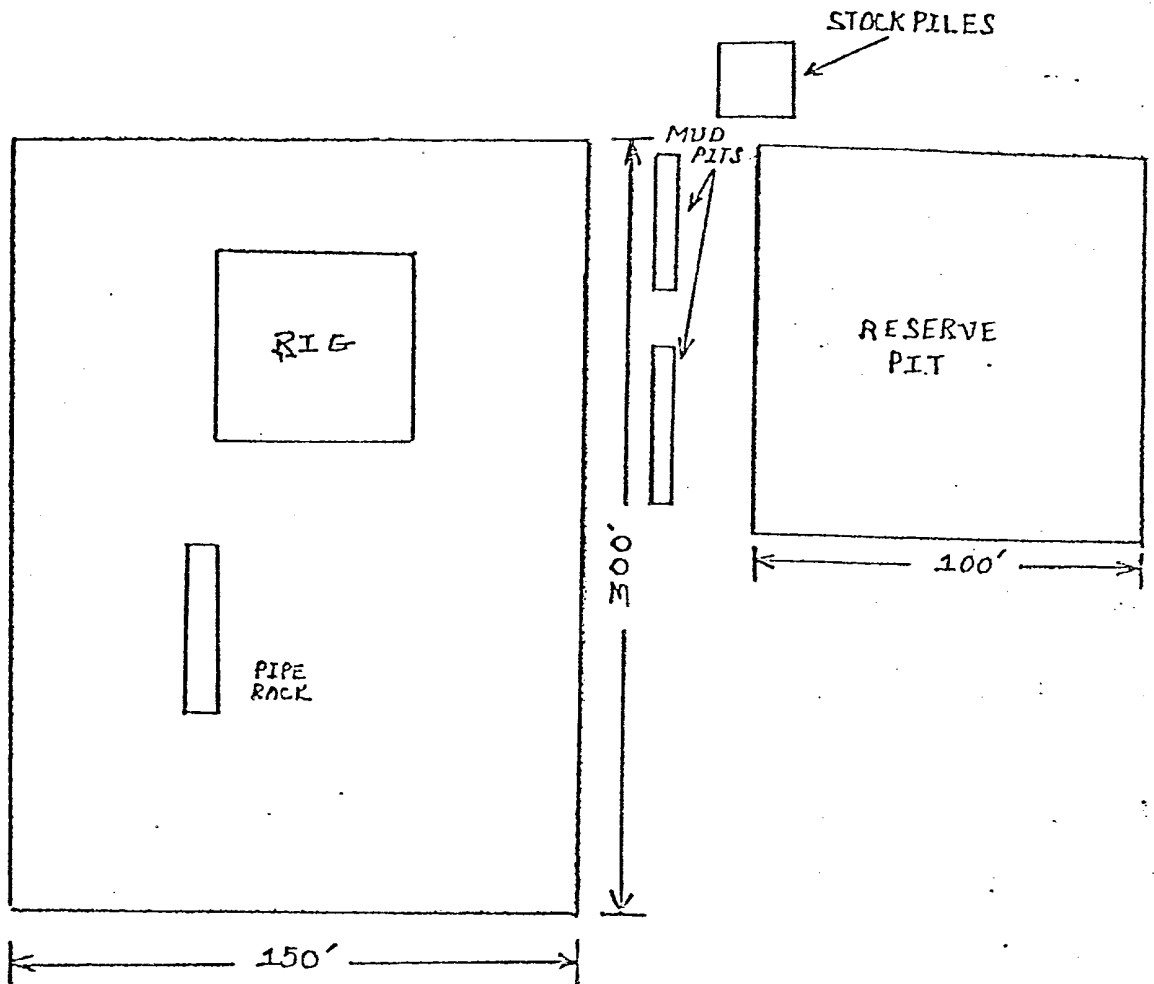
Date Surveyed
June 24, 1977
Registered Professional Engineer
and/or Land Surveyor
Fred B. Kerr Jr.
Certificate No.

3950



LOCATION LAYOUT

25'



PARKING AREA

CUT REQUIRED FOR ABOVE
LOCATION: 6'

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: June 15, 1977

Name: Curtis C. Parsons

Title: District Engineer

AZTEC OIL & GAS COMPANY

P.O. DRAWER 570
FARMINGTON, NEW MEXICO 87401

July 15, 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 Cooper #9 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.

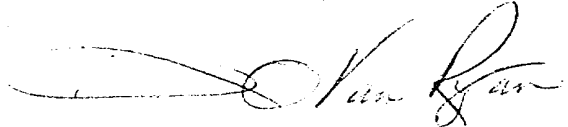
Water supply will be San Juan River.

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

AZTEC OIL & GAS COMPANY

P.O. DRAWER 570
FARMINGTON, NEW MEXICO 87401

July 15, 1977

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

Attention: Mr. P. T. McGrath

Re: Blowout Preventer Plan

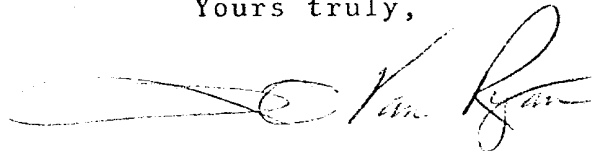
Dear Sir:

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

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

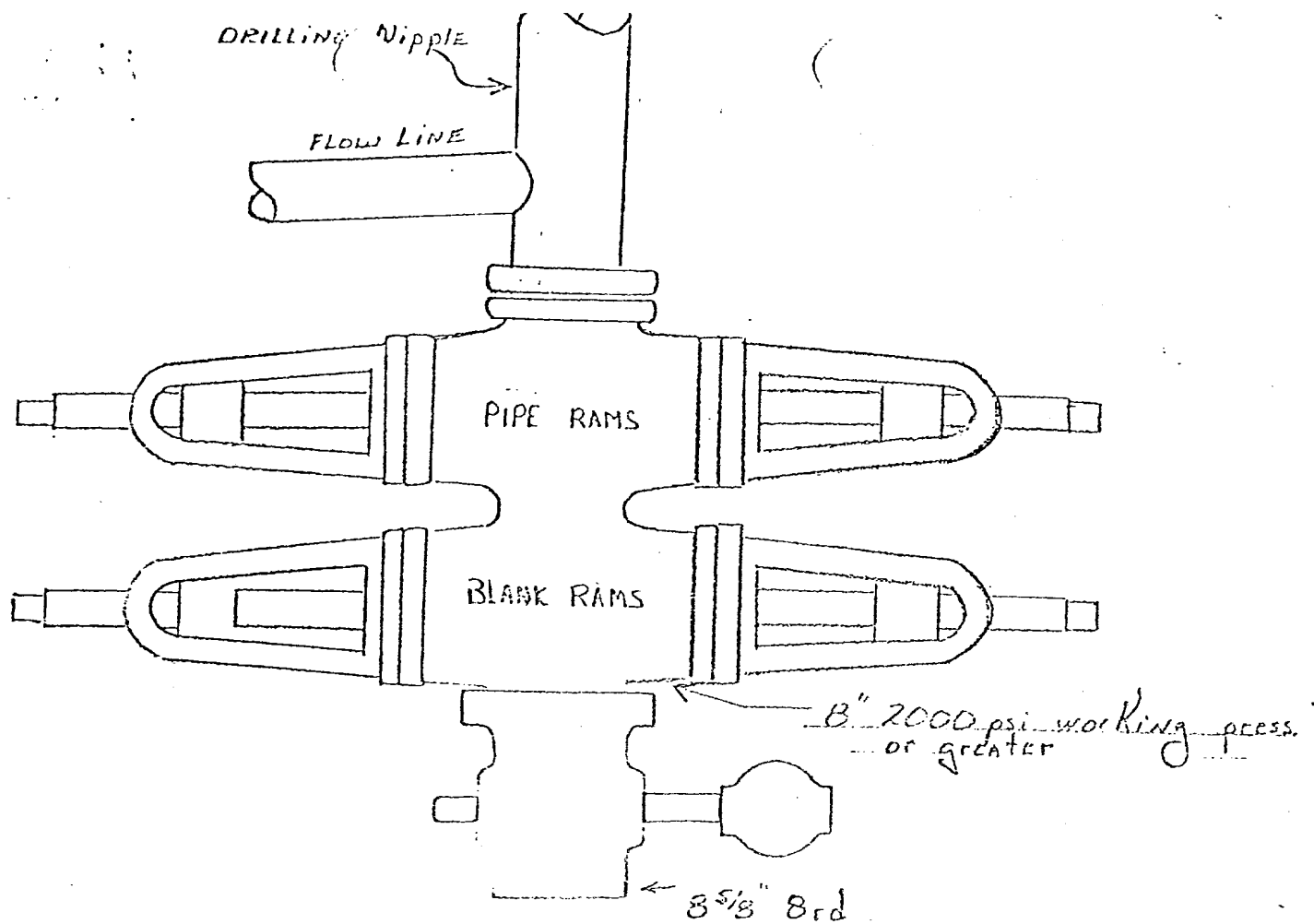
All crews will be thoroughly trained in the operation of this preventer. The preventer will be tested at the beginning of every tower change to insure proper operation.

Yours truly,

A handwritten signature in dark ink, appearing to read "L. O. Van Ryan", with a long horizontal flourish extending to the left.

L. O. Van Ryan
District Production Manager

LOVR/dg



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

HORN CANYON QUADRANGLE
NEW MEXICO—SAN JUAN COUNTY
7.5 MINUTE SERIES (TOPOGRAPHIC)



Vicinity Map for
AZTEC OIL & GAS COMPANY #9 Cooper
900'FNL 790'FEL Sec 7-T29N-R11W
San Juan County, New Mexico