

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-045-22263

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 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
 At surface 990' FNL & 1160' 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)

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED TO THIS WELL
 W 320

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

19. PROPOSED DEPTH
 5291'

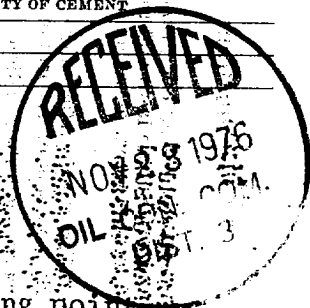
20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 6114' 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
13-3/4"	9-5/8"	32.30#	200'	224 cu. ft.
8-3/4"	7"	20#	2989'	344 cu. ft.
6-1/4"	4-1/2"	10.50#	2839' - 5291'	433 cu. ft.
	2-3/8"	4.7#	5250'	



Surface formation is Nacimiento.
 Top of Ojo Alamo sand is at 1454'.
 Top of Pictured Cliffs sand is at 2689'.
 A fresh water mud system will be used for drilling to intermediate casing point.
 An air 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 June 1, 1977. This depends on time required for approvals, rig availability and the weather.
 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 [Signature] TITLE District Production Manager DATE November 18, 1976

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE NOV 22 1976

CONDITIONS OF APPROVAL, IF ANY:
 OKAL

U. S. GEOLOGICAL SURVEY
 FARMINGTON

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.

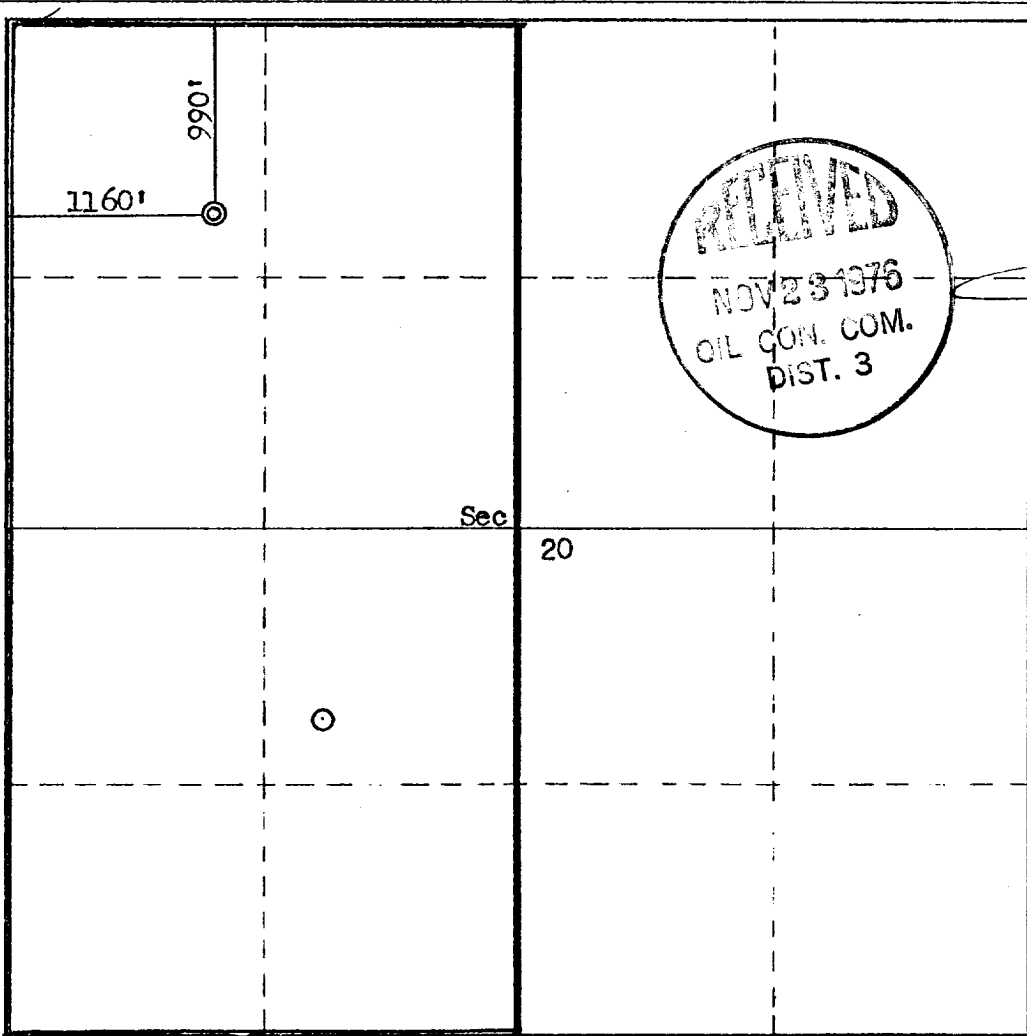
Operator Aztec Oil & Gas Company			Lease Grenier			Well No. 6A		
Unit Letter D	Section 20	Township 31N	Range 11W	County San Juan				
Actual Footage Location of Well: 990 feet from the North line and 1160 feet from the West line								
Ground Level Elev. 6114	Producing Formation Mesa Verde			Pool Blanco			Dedicated Acreage: 320 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.



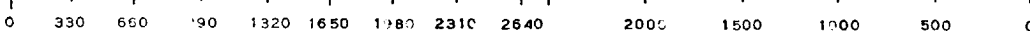
CERTIFICATION

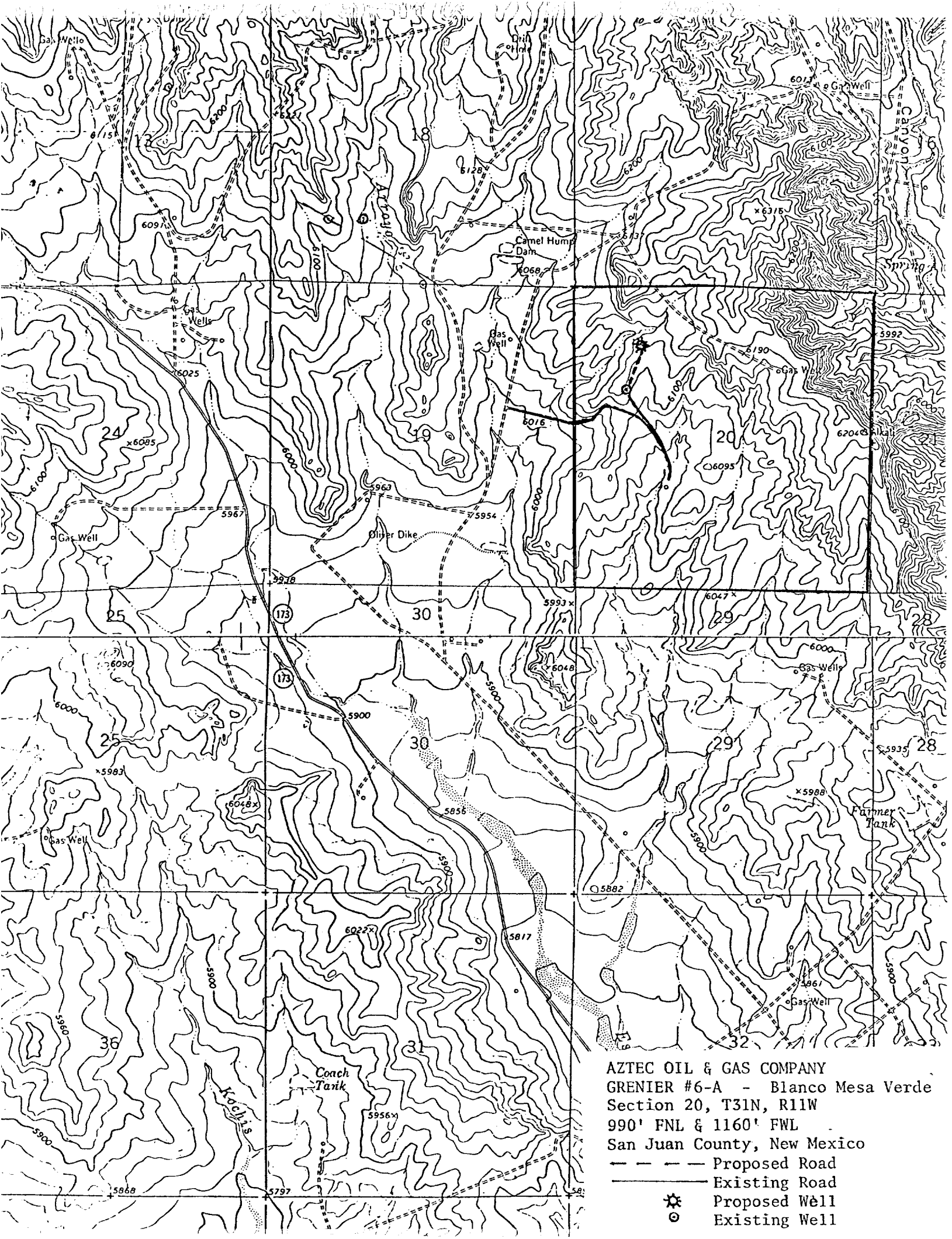
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name *[Signature]*
 Position **District Production Manager**
 Company **Aztec Oil & Gas Company**
 Date **November 18, 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.

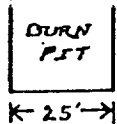
Date Surveyed **October 21, 1976**
 Registered Professional Engineer and/or Land Surveyor
[Signature]
Fred B. Kerr Jr.
 Certificate No. **3950**



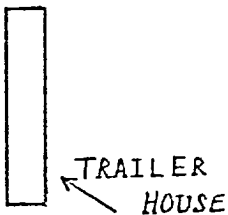
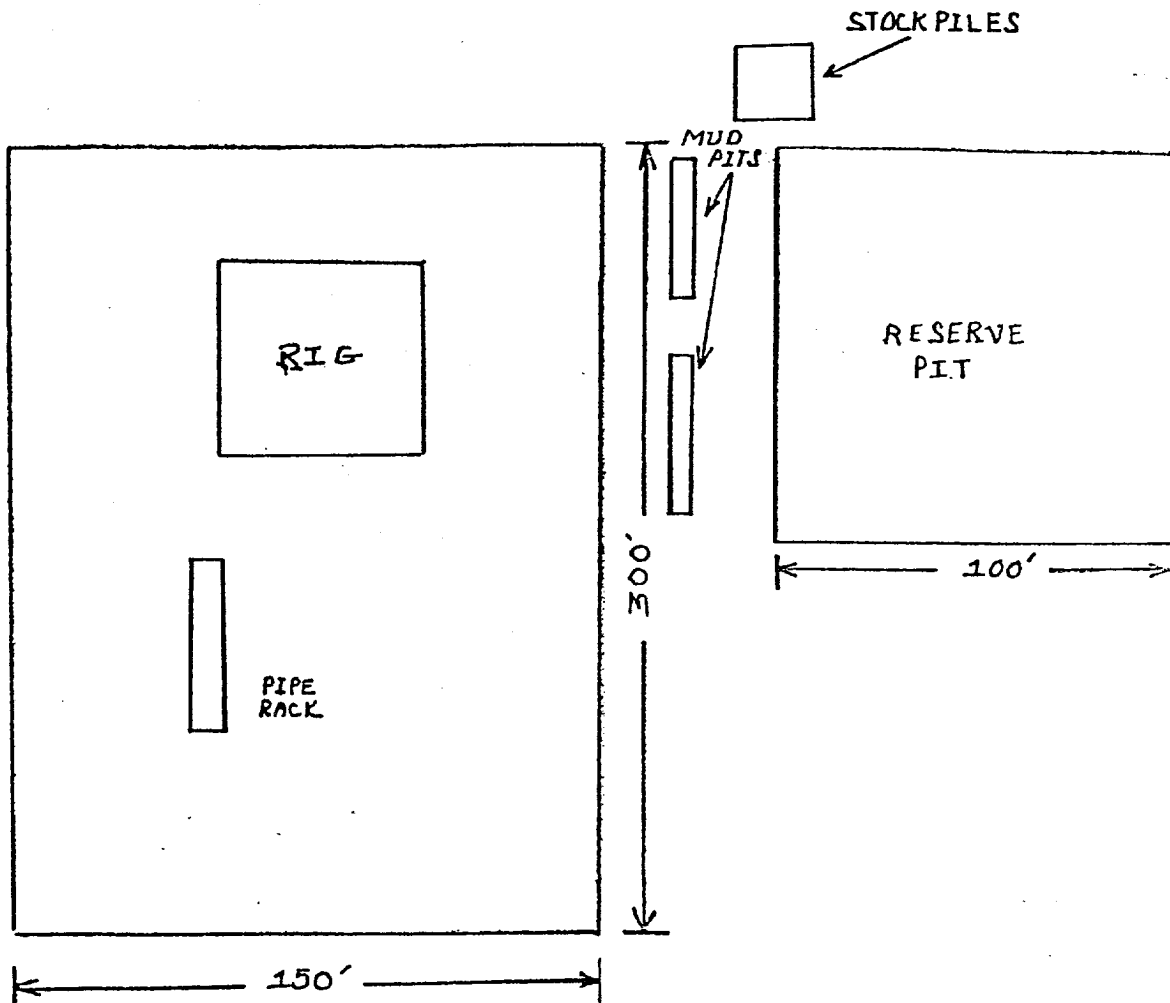


AZTEC OIL & GAS COMPANY
 GRENIER #6-A - Blanco Mesa Verde
 Section 20, T31N, R11W
 990' FNL & 1160' FWL
 San Juan County, New Mexico

- - - Proposed Road
 — Existing Road
 ☆ Proposed Well
 ⊙ Existing Well



LOCATION LAYOUT



PARKING AREA

CUT REQUIRED FOR ABOVE
LOCATION: 6'

AZTEC OIL & GAS COMPANY

P. O. DRAWER 570
FARMINGTON, NEW MEXICO 87401

November 18, 1976

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: November 18, 1976

Name: Jim Brown

Title: Drilling Foreman

AZTEC OIL & GAS COMPANY

P. O. DRAWER 570
FARMINGTON, NEW MEXICO 87401

November 18, 1976

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 Grenier #6-A 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.

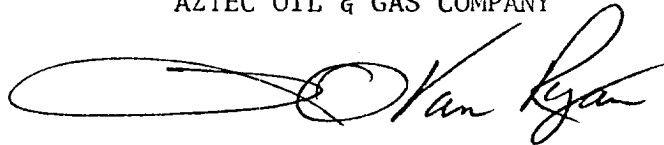
Water supply will be Aztec Irrigation Ditch.

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

Mr. Jim Brown will be Aztec Oil & Gas Company's field representative supervising these operations.

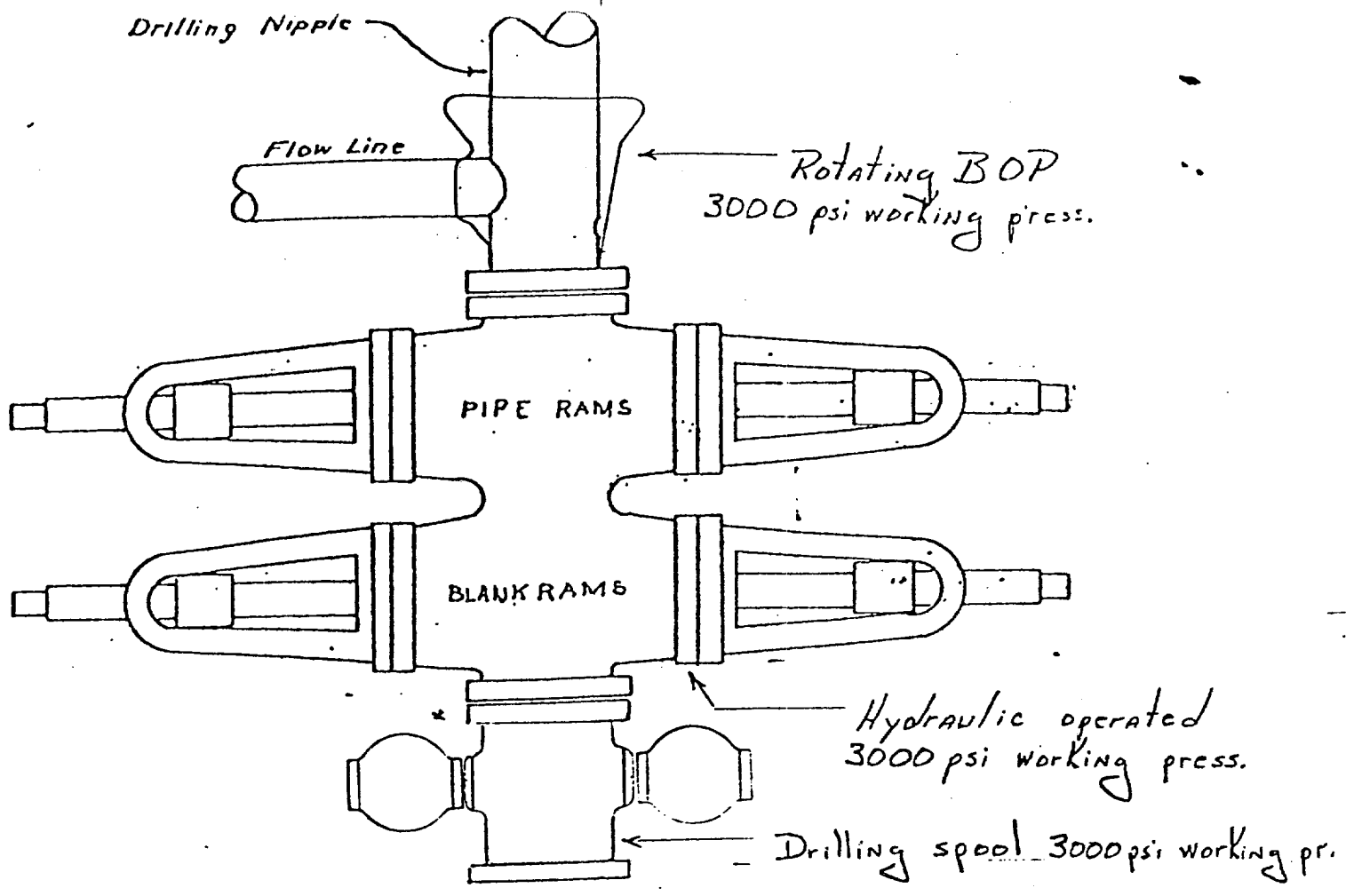
Yours truly,

AZTEC OIL & GAS COMPANY



L. O. Van Ryan
District Superintendent

LOVR/dg



Preventers and spools are to have through bore of 8" - 3000# PSI or larger.

AZTEC OIL & GAS COMPANY

P. O. DRAWER 570
FARMINGTON, NEW MEXICO 87401

November 18, 1976

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

Attention: Mr. P. T. McGrath

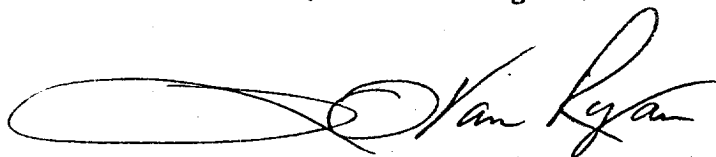
RE: Blowout Preventer Plan

Dear Sir:

All drilling and completion rigs will be equipped with 8" or larger double gate hydraulic blowout preventers and a Hydraulic operated 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.



L. O. Van Ryan
District Production Manager

LOVR/dg