

UNITED STATES
DEPARTMENT OF THE INTERIORGEOLOGICAL SURVEY *API 30-045-22080*

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. SF-078415
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
2. NAME OF OPERATOR Aztec Oil & Gas Company		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR P. O. Drawer 570, Farmington, New Mexico 87401		8. FARM OR LEASE NAME Hill
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 990' FSL & 790' FEL Section 10, T29N, R8W At proposed prod. zone		9. WELL NO. #3-A
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 drlg. unit line, if any)		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 10, T29N, R8W
16. NO. OF ACRES IN LEASE 320		12. COUNTY OR PARISH San Juan
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.		20. ROTARY OR CABLE TOOLS Rotary Tools
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6240' Ground Level		22. APPROX. DATE WORK WILL START* 60 Days

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13-3/8"	9-5/8"	32.30#	200'	190 Sacks
8-3/4"	7"	20#	3250'	195 Sacks
6-3/4"	4-1/2" Liner	10.50#	3100'-5540'	240 Sacks
	1-1/2"	2.90#	5540'	

PROPOSE TO:

Drill 13-3/8" Hole.
Set 200' Of 9-5/8" Surface Casing, Cement With 190 Sacks.
Drill 8-3/4" Hole To Approximately 3250'.
Run 7" Casing, Cement With 195 Sacks.
Gas Drill 6-3/4" Hole To Approximately 5540'.
Run 4 1/2" Liner From 3100' To TD.
Cement With 240 Sacks.
Selectively Perforate & Frac Mesaverde Formation.
Run 1 1/2" Tubing.
Install Well Head.

JUN 1 1976

U. S. GEOLOGICAL SURVEY

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.

SIGNED _____	TITLE District Superintendent	DATE May 27, 1976
(This space for Federal or State office use)		
PERMIT NO. _____	APPROVAL DATE _____	
APPROVED BY _____	TITLE _____	
CONDITIONS OF APPROVAL, IF ANY:		

Abal

*See Instructions On Reverse Side

**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.

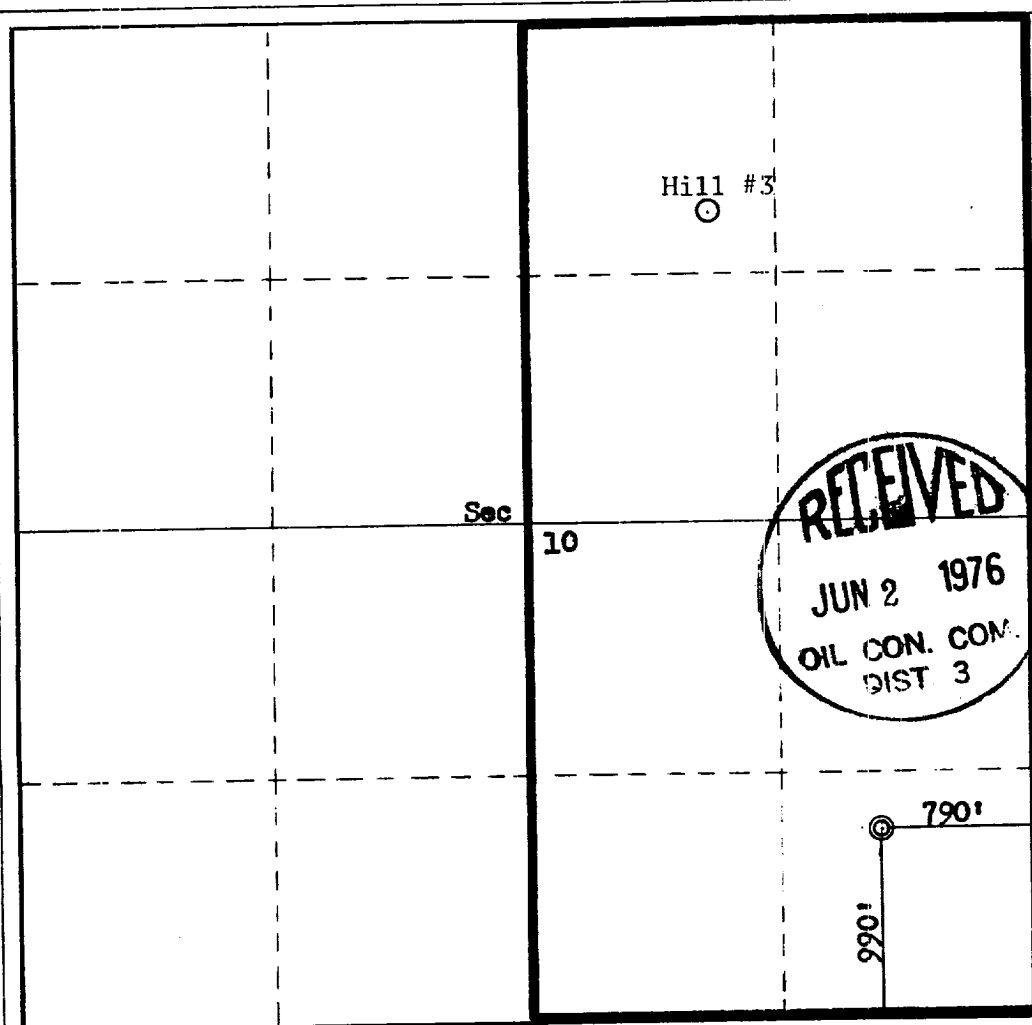
Operator Aztec Oil & Gas Company			Lease Hill		Well No. 3-A
Unit Letter P	Section 10	Township 29N	Range 8W	County San Juan	
Actual Footage Location of Well:					
990 feet from the South line and		790 feet from the East line			
Ground Level Elev. 6249	Producing Formation Mesa Verde	Pool Blanco		Dedicated Acreage: 5/320 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
L. O. Van Ryan

Position
District Superintendent

Company
Aztec Oil & Gas Company

Date
May 27, 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
May 26, 1976

Registered Professional Engineer and/or Land Survey

Fred B. Kerr Jr.
Fred B. Kerr Jr.

Certificate No.

3950

AZTEC OIL & GAS COMPANY

P. O. DRAWER 570
FARMINGTON, NEW MEXICO 87401

May 27, 1976

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

Attention: Mr. P. T. McGrath

Dear Sir:

Enclosed please find map showing existing roads and planned access roads to Aztec Oil & Gas Company's Hill #3-A well. The locations of tank batteries and flow lines will be on location with well.

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 water well in Section 9, T29N, R8W .

In the event of a dry hole, location will be graded and reseeded according to Bureau of Land Management standards.

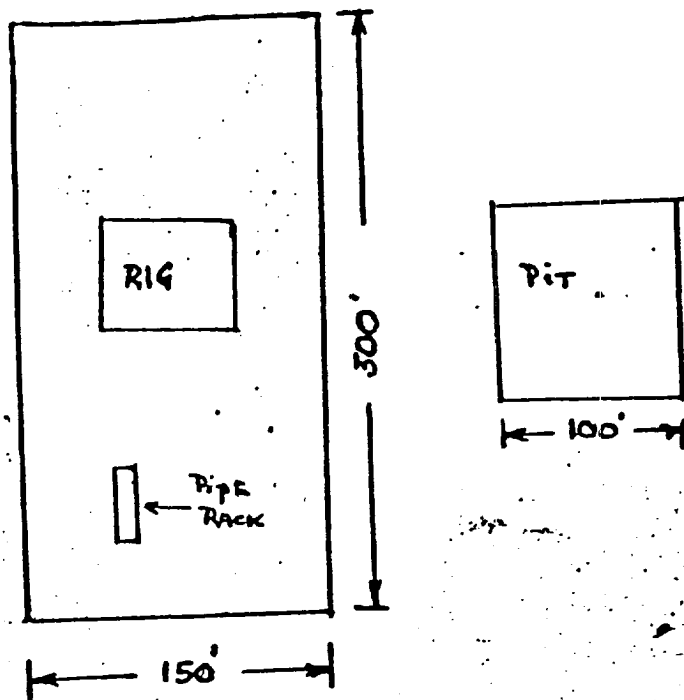
Yours truly,

AZTEC OIL & GAS COMPANY

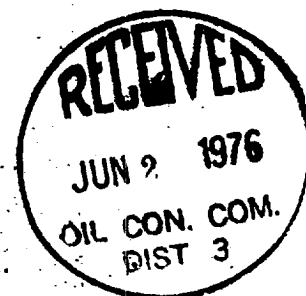
L. O. Van Ryan
District Superintendent

LOVR/se





LOCATION LAYOUT



AZTEC OIL & GAS COMPANY

P. O. DRAWER 570
FARMINGTON, NEW MEXICO 87401

May 27, 1976

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

Attention: Mr. P. T. McGrath

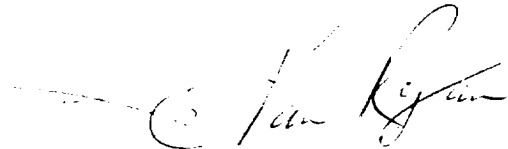
RE: Blowout Preventer Plan

Dear Sir:

All drilling and completion wells will be equipped with 8" Shaffer LWP double hydraulic blowout preventers and a 2000 "C" Payne 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.



L. O. Van Ryan
District Superintendent

LOVR/se

