

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

Astec Oil and Gas Company

3. ADDRESS OF OPERATOR

Drawer 570, Farmington, New Mexico

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

At surface

1190 ENL & 990 FEL, Section 16-26N-2W

At proposed prod. zone

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

15. NO. OF ACRES IN LEASE

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(If not a mineral lease, fill in "N/A")

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19. PROPOSED DEPTH

3180

17. NO. OF ACRES ASSIGNED
TO THIS WELL

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DE, RT, GL, etc.)

7871 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
15"	10-3/4"	32.75	300'	150 sx
9-7/8"	7-5/8"	26.40	3850'	300 sx
6-3/4"	4-1/2"	11.6# & 10.5#	8180'	600 sx

PROPOSE TO:

Drill 15" surface hole, ran 10-3/4" pipe set at 300' cmt with 150 sx
Drill 9-7/8" hole to 3850, Run 7-5/8" intermediate cmt with 300 sx
Drill 6-3/4" hole to TD 8180, Run 4 1/2' liner 3850 to 8180 cmt with 600 sx
Ran ES-Induction
Perforate and frac Dakota zone
Ran 2-3/8" tbg.

Fracturing unit: E/2 Section 16-26-2 - 320 Acres

ON 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 prevention program, if any.

SIGNED

TITLE District Superintendent

DATE September 19, 1969

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED

SEP 22 1969

E. A. SCHMIDT
ACTING DISTRICT ENGINEER

*See Instructions On Reverse Side

RECEIVED
SEP 22 1969

U. S. GEOLOGICAL SURVEY
DURANGO, COLO.

RECEIVED
SEP 24 1969
OIL CON. COM.
DIST. 3

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 <i>Topacitos</i>		Well No. #1
Unit Letter A	Section 16	Township 26 North	Range 2 West	County Rio Arriba	
Actual Footage Location of Well: 1130 feet from the North line and 990 feet from the East line					
Producing Formation <i>Dakota</i>		Pool <i>Wildcat Dakota</i>		Dedicated Acreage: 320	

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 present and reserve).

3. Where two or more leases of different owners are dedicated to the well, have the interests of all owners listed below (both present and reserve).

4. If more than one lease is dedicated to the well, what is the type of consolidation?

5. If more than one lease is dedicated to the well, list the present 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
Joe C. Salmon
Position
District Superintendent
Company
Aztec Oil & Gas Company
Date
September 19, 1969

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
April 22, 1969
Registered Professional Engineer
and/or Land Surveyor

E. J. Chisholm
Certificate No. **3502**

