

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

Antec Oil and Gas

3. ADDRESS OF OPERATOR

Denver 570, Farmington, New Mexico

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

At surface

1040 F&L & 1730 F&L, Sec 31, T-29N, R-9W

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 drilg. unit line, if any)

16. NO. OF ACRES IN LEASE

251.72

17. NO. OF ACRES ASSIGNED
TO THIS WELL

251.72

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

19. PROPOSED DEPTH

6690

20. ROTARY OR CABLE TOOLS

rotary

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

5760 GR Ungraded

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 1/2	8-5/8		300 ft.	225 sacks
7-7/8	5-1/2		6690 ft.	250 sacks w/690 gr in stages

Set 300 feet 8-5/8" surface casing and cement with 225 sacks
Set 6690 feet 5-1/2" production casing and cement with 250 sacks
DV tools to be set at base of Mesaverde and Pictured Cliffs and
cemented to cover each formation (approx. 650 sacks)
Perforate Dakota section and sand-water frac
Set Bridge plug at top of Dakota
Perforate Mesaverde section and sand-water frac
Run 1 1/2" tubing with sliding sleeve
Produce Dakota through tubing and Mesaverde through casing

Production Unit 5/2, Sec 31, -- 251.72 ac. Non - standard production unit approved
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 ORIGINAL CLARK TITLE District Superintendent DATE June 1, 1966

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY OC 50 TITLE SUPERVISOR DATE JUN 6 1966

CONDITIONS OF APPROVAL, IF ANY:

Clark NSU

*See Instructions On Reverse Side

5. LEASE DESIGNATION AND SERIAL NO.

SF 060781

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

Blanco Mesaverde

11. SEC. 11, 12, 13, OR 14.
AND SURVEY OR AREA

12. COUNTY OR PARISH 13. STATE

San Juan

New Mexico

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-4-65

All distances must be from the outer boundaries of the Section.

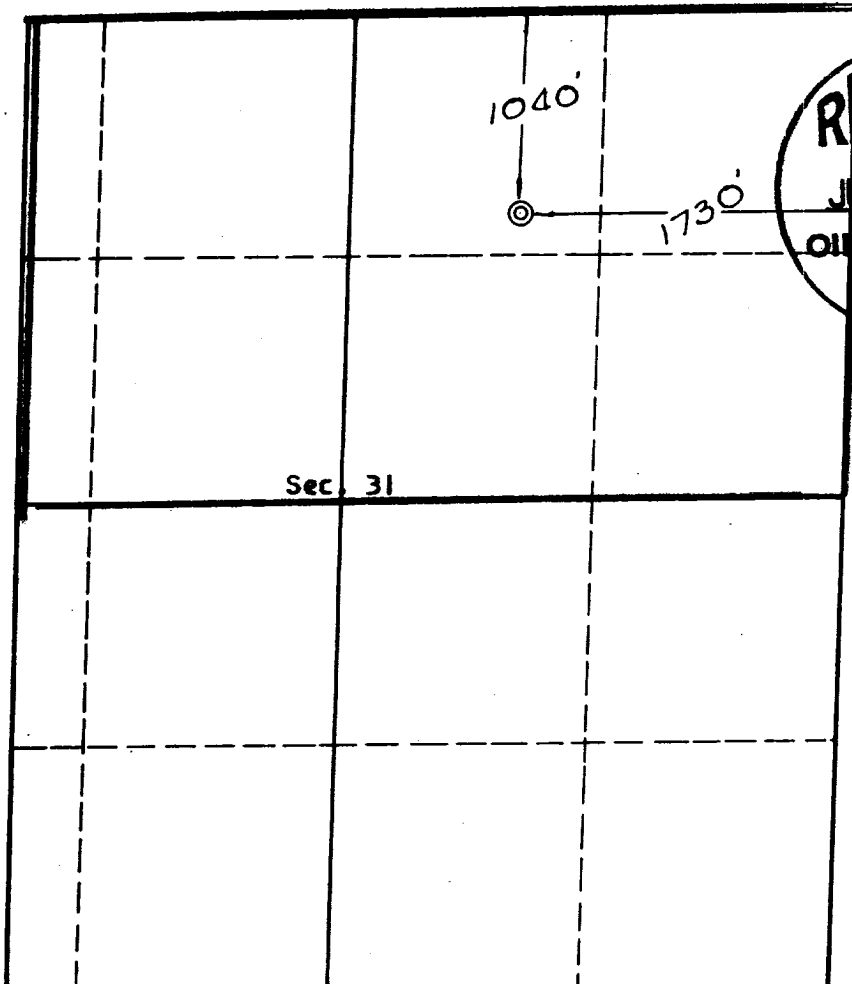
Operator AZTEC OIL & GAS COMPANY			Lease Cain		Well No. 18
Unit Letter B	Section 31	Township 29 North	Range 9 West	County San Juan	
Actual Footage Location of Well: 1040 feet from the North line and 1730 feet from the East line					
Ground Level Elev. 5769	Producing Formation Dakota & Mancoska	Pool Elanco Mancoska Basin Dakota		Dedicated Acreage: 221.72 Acres	

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 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.

ORIGINAL SIGNED BY JOE C. SALMON

Name _____
Position **District Superintendent**
Company **Aztec Oil and Gas**
Date **June 1, 1966**

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 23, 1966**
Registered Professional Engineer and/or Land Surveyor

E. V. Cochran
Certificate No. **3602**

