

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 ☐

2. NAME OF OPERATOR

Artec 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 an U.S. Geological Survey
1190' F&L & 1010' F&L, Section 6, T-31N, R-11W, Farmington, N. M.At proposed prod. zone
Same

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 drig. 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.)
6545 GR (ungraded)

16. NO. OF ACRES IN LEASE

320

19. PROPOSED DEPTH

7840

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

20. ROTARY OR CABLE TOOLS

Rotary

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 1/4" | 5 5/8" | | 300 | 225 sacks |
| 7 7/8" | 4 1/2" | | 7840 | 250 sacks plus 650 sacks in stages |

Set 300 feet 5 5/8" surface casing and cement with 225 sacks.
Run 7840 feet 4 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 (approximately 650 sacks).
Perforate Dakota section and sand-water frac.
Run 2 3/8" tubing and put on production.

Proration Unit 1/2 Section 6 -- 320 acres.

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.

ORIGINAL SIGNED BY JOE C. SALMON

SIGNED

Joe C. Salmon

TITLE District Superintendent

DATE April 19, 1966

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

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.

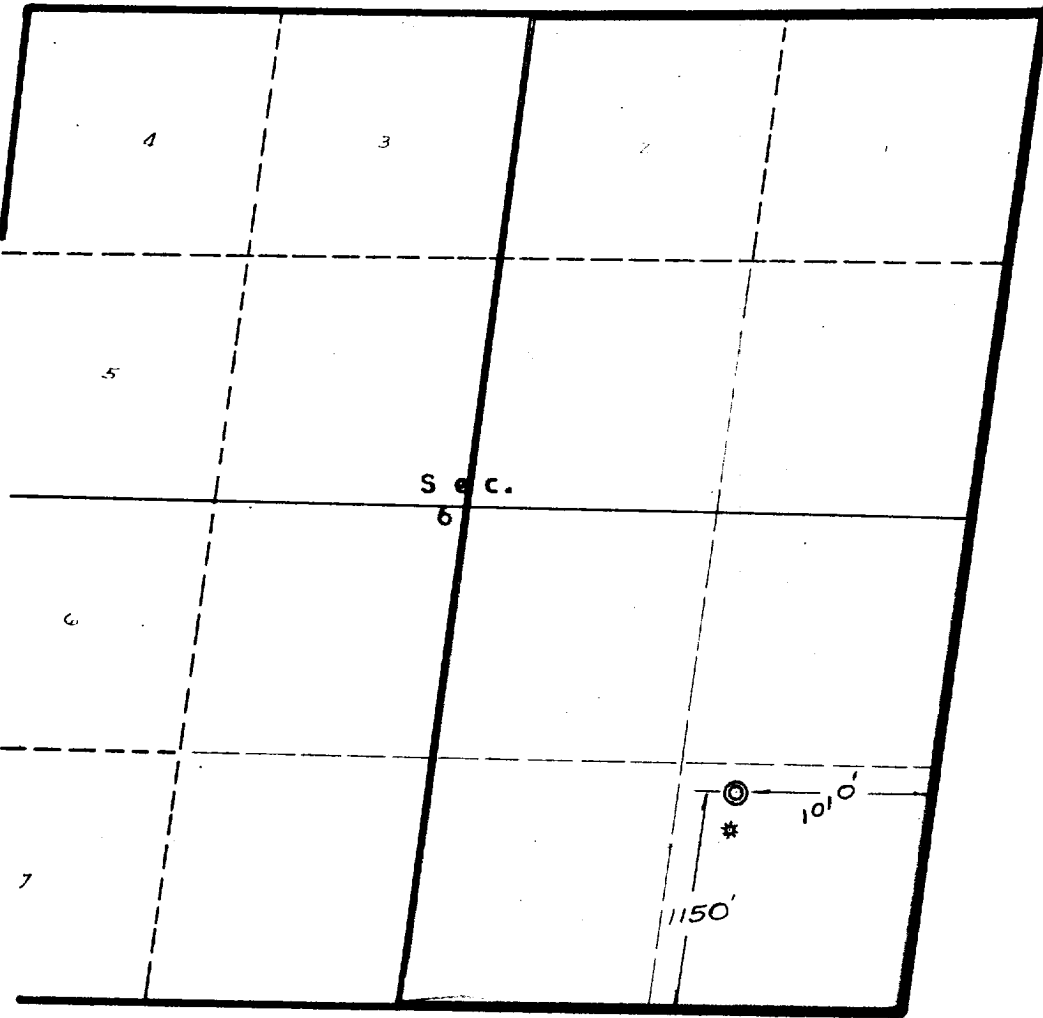
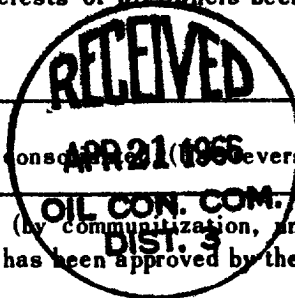
| | | | | | |
|--|--------------------------------------|-----------------------------|-----------------------------|---------------------------|--|
| Operator Aztec Oil & Gas Company | | | Lease Grenier | | Well No. 16 |
| Unit Letter P | Section 6 | Township 31 North | Range 11 West | County San Juan | |
| Actual Footage Location of Well: 1150 feet from the South line and 1010 feet from the East line | | | | | |
| Ground Level Elev. 6545 | Producing Formation Dakota | | Pool Basin Dakota | | Dedicated Acreage: 3.0 E. 32.69 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 (on 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.



Scale, 1"=1000'

CERTIFICATION

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

Joe C. Salmon
Name

Joe C. Salmon

Position

District Superintendent

Company

Aztec Oil & Gas Company

Date

April 19, 1966

Robert V. Echoshank
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.
ROBERT V. ECHOSHANK
DISTRICT SUPERINTENDENT
NEW MEXICO

Date Surveyed

March 26, 1966

Registered Professional Engineer and/or Land Surveyor

E. V. Echoshank

Certificate No. **3602**

