

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 & Gas Co.

3. ADDRESS OF OPERATOR

Box 750, Farmington, New Mexico

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

At surface

1685 FWL & 1460 FWL

At proposed prod. zone

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

15 Miles

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

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

19. PROPOSED DEPTH

6860

17. NO. OF ACRES ASSIGNED
TO THIS WELL

319.91

20. ROTARY OR CABLE TOOLS

Rotary

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

5915 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
12-1/4"	8-5/8"		300 feet	225 sacks
7-7/8"	4-1/2"		6860 feet	250 sacks

Propose TD:

Set 300' 8-5/8" surface pipe cemented to surface (225 Sacks)
Set 6860' 4-1/2" production casing cemented with (250 sacks)
DV tool to be set at base of Mesaverde and Pictured Cliffs
and cemented to cover each formation (650 sacks)
Perforate Dakota section
Fruc with sand and water
Run 2-3/8" Tubing

Protraction unit applied for North 1/2 sec 6, 319.91 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

Dist. Superintendent

DATE

August 13, 1964

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

5. LEASE DESIGNATION AND SERIAL NO.

87-077482

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Holder "A"

8. FARM OR LEASE NAME

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

Sec 6 T30N R12W

12. COUNTY OR PARISH

San Juan

13. STATE

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

SECTION A.

Date August 11, 1964

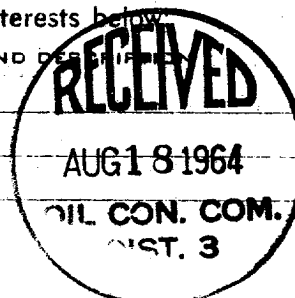
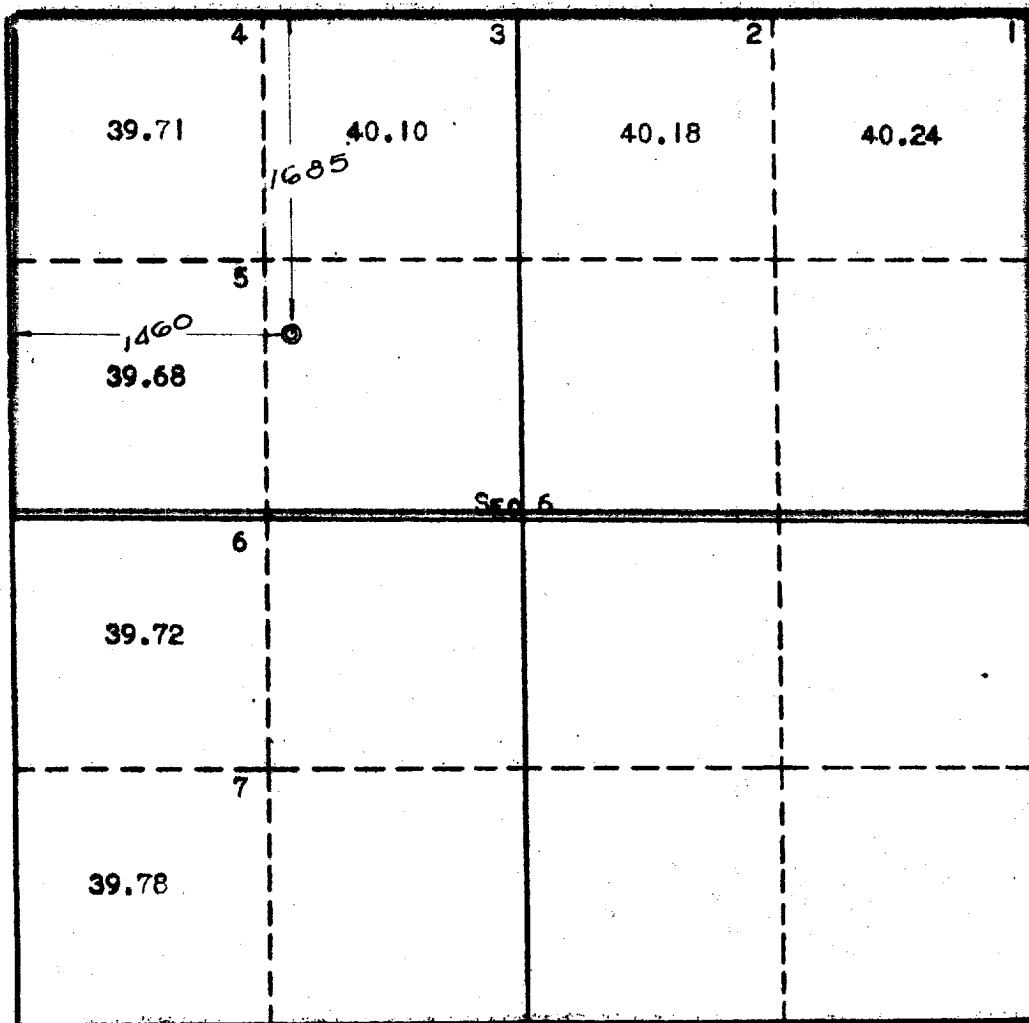
Operator AZTEC OIL & GAS COMPANY Lease HOLDER UNIT "A"
Well No. 1 Unit Letter F Section 6 Township 30 NORTH Range 12 WEST NMPM
Located 1685 Feet From NORTH Line, 1460 Feet From WEST Line
County SAN JUAN G. L. Elevation 5915 Dedicated Acreage 39.71 Acres
Name of Producing Formation Del Norte Pool Del Norte

1. Is the Operator the only owner* in the dedicated acreage outlined on the plat below? Yes No XX
2. If the answer to question One is "No," have the interests of all the owners been consolidated by communization agreement or otherwise? Yes XX No . If answer is "Yes," Type of Consolidation Communization
3. If the answer to question Two is "No," list all the owners and their respective interests below:

OWNER

LAND DESCRIPTION

SECTION B.



This is to certify that the information in Section A above is true and complete to the best of my knowledge and belief.

Aztec Oil & Gas Co.
(OPERATOR)
ORIGINAL SIGNED BY JOE C. SALMON
Joe C. Salmon
(REPRESENTATIVE)

James E. Echols, Jr., Eng.

REGISTERED LAND SURVEYOR
No. 3602
This is to certify that the well location shown on the plat in Section B 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 AUGUST 11, 1964
Four States Engineering Co.
FARMINGTON, NEW MEXICO

James E. Echols, Jr.
REGISTERED ENGINEER OR
LAND SURVEYOR

Certificate No. 3602

