

1-EPNG, Canfield
2-OCG (Dallas, Texas)
1-F
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on
reverse side)

Form approved.
Budget Bureau No. 42-R1425.

30-045-04317

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

Beta Development Co.

3. ADDRESS OF OPERATOR

234 Petr. Club Plaza, Farmington, New Mexico

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

At surface

1560 FSL 1850 FEL

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 drlg. line, if any)

16. NO. OF ACRES IN LEASE

160

17. NO. OF ACRES ASSIGNED
TO THIS WELL

1/320

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING COMPLETED,
OR APPLIED FOR, ON THIS LEASE

19. PROPOSED DEPTH

7300'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether to MT, GR, etc.)

6170' Gr.

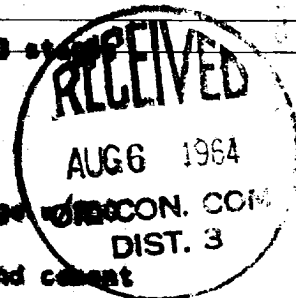
22. APPROX. DATE WORK WILL START*

August 6, 1964

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"	24#	300'	175 sx
7 7/8"	4 1/2"	10.5 & 11.6#	7300'	Cement 3



Propose to cement production casing in three stages: 1st stage - set DV tool below Point Lookout and cement
sx reg. 2X gel, 2nd stage - set DV tool below Point Lookout and cement
to protect the Mesaverde formation, 3rd stage - set DV tool below Pictured
Cliffs and cement to protect the Pictured Cliffs, Fruitland and Kirtland
formations.

Propose to perforate and sand water frac the Dakota formation.

IN ABOVE SPACE DESCRIBE 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 directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

Original signed by:
JOHN T. HAMPTON

SIGNED

TITLE

Manager

DATE

August 4, 1964

(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.

Well Location and Ownership Data

August 4, 1964

Section A.

Operator **BETA DEVELOPMENT COMPANY** **Aztec Federal #1**
 Well No. **1** **24** **30 NORTH** **11 WEST**
 Located **1560** Feet From **the SOUTH** **1850** **the EAST**
 County **SAN JUAN** G. L. Elevation **6170'** **E/320**
 Name of Producing Formation **Dakota** **Basin Dakota**

1. Is the Operator the only owner in the dedicated acreage outlined on this plat?
 Yes ☒ No ☐
2. If the answer to question one is "no", has the agreement of all owners been obtained in writing, or by agreement or otherwise? Yes ☐ No ☐ If answer is "yes", type of consolidation:

Beta Development and Aztec Oil and Gas Co. have agreed to communitization.

3. If the answer to question two is "no", has all the owners been notified by registered mail?

Owner

Aztec Oil and Gas Company

S/2 SE/4

Beta Development Co.

1/2 SE/4, NE/4



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.

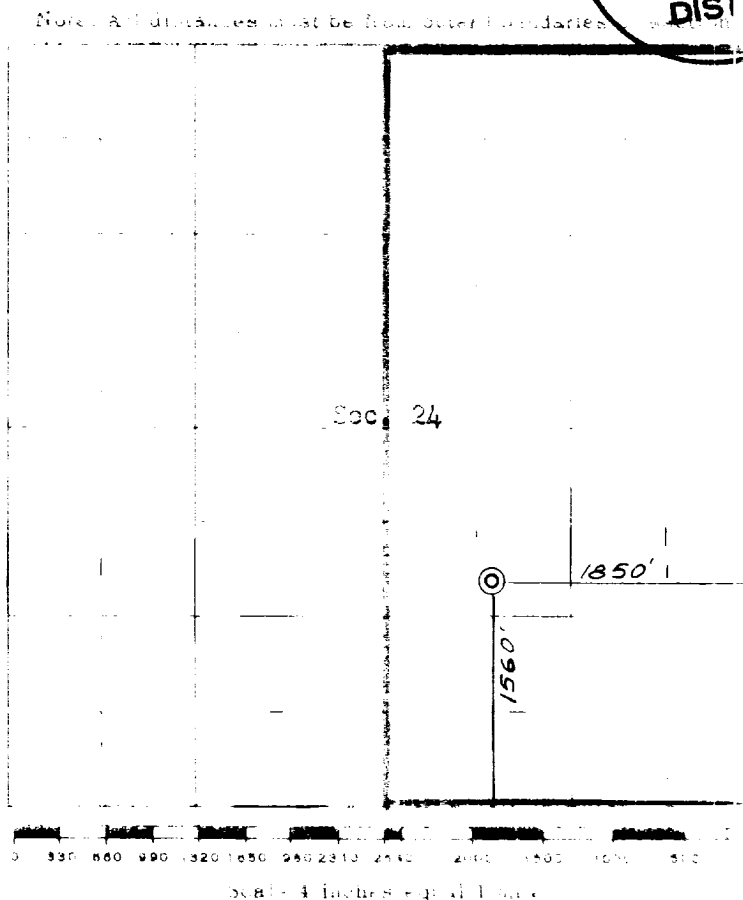
Beta Development Co.

Original signed by **JOHN T. HAMPTON** **Manager**

(Representative)
234 Petr. Club Plaza

(Address)
Farmington, New Mexico

Ref: GLO plat dated 7 April 1961



This is to certify that the above plat was prepared from field notes and surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Date Surveyed

August 3, 1964

James P. Leese
 Registered Professional Engineer and a Land Surveyor
James P. Leese, N. Mex. Reg. No. 1463