

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

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

890/FWL 1090/FSL

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. 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.)

5766' GR

## 16. NO. OF ACRES IN LEASE

160

## 19. PROPOSED DEPTH

6800'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

5/320

## 20. ROTARY OR CABLE TOOLS

Rotary

## 22. APPROX. DATE WORK WILL START\*

November 17, 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#           | 6800'         | Cement 3 stages.   |

Propose to cement production casing in 3 stages: 1st stage - 250 sx reg. + 2% gel,  
2nd stage - Set DV tool below Point Lookout & cement to protect Mesaverde formation,  
3rd stage - Set DV tool below Pictured Cliffs & cement to protect the Pictured Cliffs,  
Fruitland & Kirtland formations.

Propose to perforate & sand water frac the Dakota formation.

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 features and measured and true vertical depths. Give blowout preventer program, if any.

## 24.

Original signed by:

SIGNED

JOHN T. HAMPTON

TITLE

Manager

DATE

11/16/64

(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

November 16, 1964

Section A

Date

Rock Island Federal

Operator BETA DEVELOPMENT COMPANY Lease  
 Well No 1 Unit Letter E Section 9 Township 29 NORTH Range 10 WEST NMPM  
 Located 1090 Feet From SOUTH Line, 890 Feet From WEST Line  
 County SAN JUAN G. L. Elevation 5765.4 Dedicated Acreage 5/320 Acres  
 Name of Producing Formation Dakota Pool Basin Dakota

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below?  
 Yes X No
2. If the answer to question one is "no", have the interests of all the owners been consolidated by communitization agreement or otherwise? Yes        No        If answer is "yes", Type of Consolidation.  
Beta Development Co. & Rock Island have agreed to communitization.
3. If the answer to question two is "no", list all the owners and their respective interests below:

Owner

Land Description

Rock Island Oil &amp; Refining, Inc.

NW/4 SE/4, S/2 SE/4, SE/4 SW/4

Beta Development Co.

N/2 SW/4, SW/4 SW/4, NE/4 SE/4

NOV 17 1964

OIL CON. COM.  
DIST. 3

Section B.

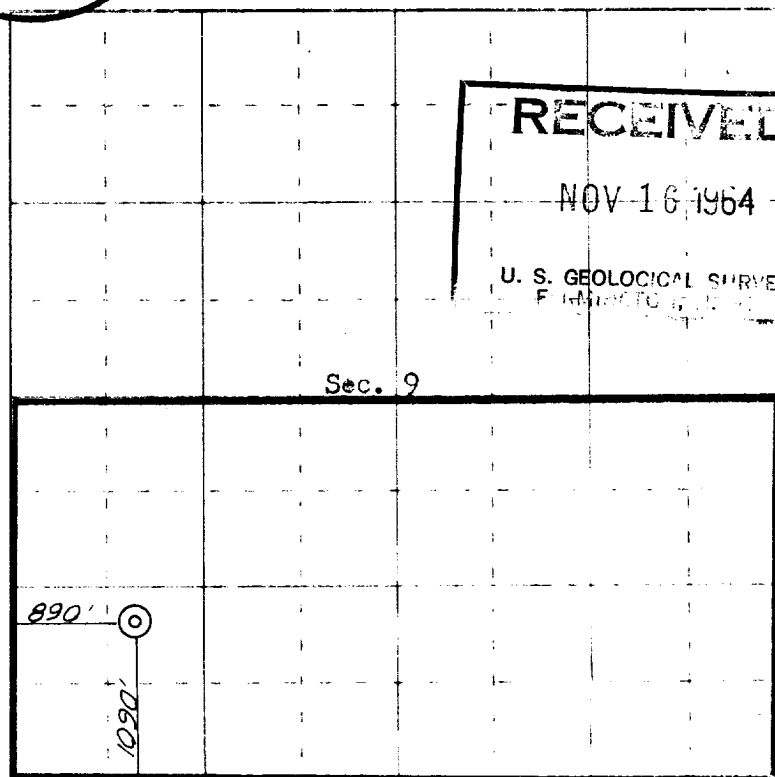
Note: All distances must be from outer boundaries of section.

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



0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

Scale 4 inches equal 1 mile

Ref: GLO plat dated 19 April 1881



(Seal)

Farmington, New Mexico

This is to certify that the above plat was prepared from field notes of actual 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 Nov 16, 1964

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