

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  
**1565° FSL 1795° 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  
**280**

17. NO. OF ACRES ASSIGNED  
 TO THIS WELL  
**E/220**

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

19. PROPOSED DEPTH  
**6750'**

20. ROTARY OR CABLE TOOLS  
**Rotary**

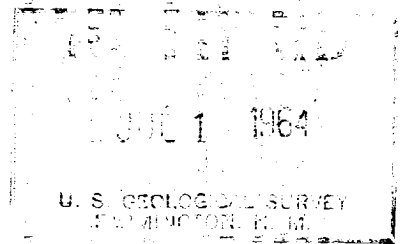
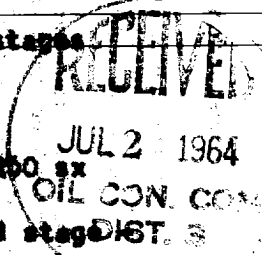
21. ELEVATIONS (Show whether ME, RT, GR, etc.)

22. APPROX. DATE WORK WILL START\*  
**July 2, 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 ex
7 7/8"	4 1/2"	10.5#	6750'	Cement 3 stages

Propose to cement production casing in three stages: 1st stage w/200 ex  
 reg. + 2% gel, 2nd stage - to protect the Mesaverde formation. 3rd stage  
 to protect the Pictured Cliffs, Kirtland, and Fruitland formations. Will  
 perforate and 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 locations and measured and true vertical depths. Give blowout preventer program, if any.

24. Original signed by:  
 SIGNED **JOHN T. HAMPTON** TITLE **Manager** DATE **July 1, 1964**

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY *[Signature]* 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

July 1, 1964

Section A

Operator: BETA DEVELOPMENT COMPANY Lease: Federal "F"  
 Well No. \_\_\_\_\_ Unit Letter J Section 33 Township 30 NORTH Range 11 WEST NMPM  
 Located 1565 Feet From the SOUTH Line, 1795 Feet From the EAST Line  
 County SAN JUAN G. L. Elongation Dakota Dedication Base E/320 Acres  
 Name of Producing Formation \_\_\_\_\_

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", have the interests of all the owners been communitized by communication agreement or otherwise? Yes \_\_\_\_\_ No \_\_\_\_\_. If answer is "yes", Type of Communitization: **El Paso Natural Gas Co. and Beta Development Co. have agreed to communitization**
3. If the answer to question two is "no", list all the owners and their respective interests below:

Owner:	Interest:
<b>El Paso Natural Gas Company</b>	<b>N/2 NE/4 and SW/4 NE/4</b>
<b>Beta Development Co.</b>	<b>SE/4 and SE/4 NE/4</b>

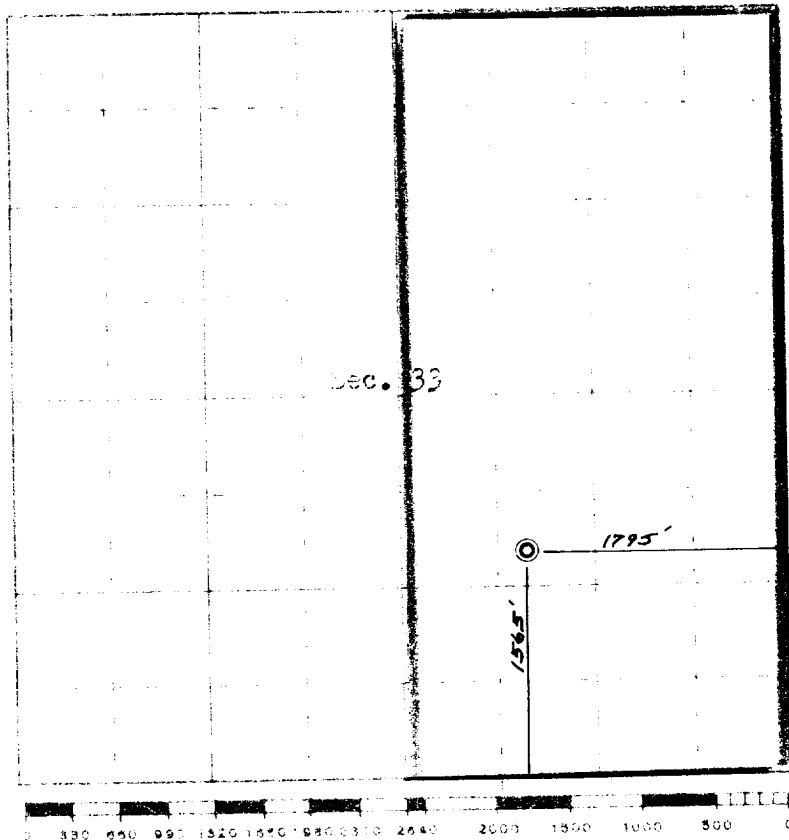


Section B

Note: All distances must be from true 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  
 234 Petr. Club Plaza  
 Farmington, New Mexico



Ref: GLO plat dated 7 April 1881

Scale 4 inches equal 1 mile

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 June 29, 1964  
 James P. Leese  
 Registered Professional Engineer and Civil Land Surveyor  
 James P. Leese, N. Mex. Reg. No. 1463  
 San Juan Engineering Company

