

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 Petroleum Club Plaza, Farmington, New Mexico

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
 At surface **1545/FSL 1700/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 drig. unit line, if any)
 16. NO. OF ACRES IN LEASE **955.33**

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 19. PROPOSED DEPTH **7730'**

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
6397' Gr.

5. LEASE DESIGNATION AND SERIAL NO.
SF-080505-A
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 7. UNIT AGREEMENT NAME
San Juan 28-6 Unit
 8. FARM OR LEASE NAME
 9. WELL NO.
117
 10. FIELD AND POOL, OR WILDCAT
Basin Dakota
 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
10-28N-6W
 12. COUNTY OR PARISH 13. STATE
Rio Arriba New Mexico

17. NO. OF ACRES ASSIGNED TO THIS WELL
283.40

20. ROTARY OR CABLE TOOLS
Rotary

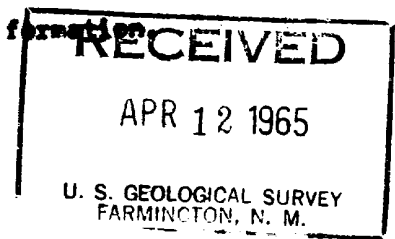
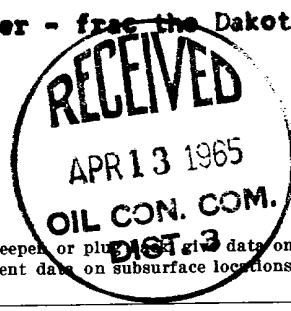
22. APPROX. DATE WORK WILL START*
April 14, 1965

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 & 11.6#	7730'	Cement in 3 stages

Propose to cement production casing in 3 stages: 1st stage to protect the Dakota formation; 2nd stage to protect the MesaVerde formation; 3rd stage to protect the Pictured Cliffs and Kirtland formations.

Propose to perforate and sand - water - frac the Dakota pay 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:
JOHN T. HAMPTON
 SIGNED _____ TITLE **Manager** DATE **4/9/65**

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____
 CONDITIONS OF APPROVAL, IF ANY:

*Hold cert for approval
 new state agreement*

*See Instructions On Reverse Side

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 April 9, 1965

Operator BETA DEVELOPMENT COMPANY Lease San Juan 28-6 Unit
 Well No. _____ Unit Letter J Section 10 Township 28 NORTH Range 6 WEST, NMPM
 Located 1475 Feet From SOUTH Line, 1700 Feet From EAST Line
 County RIO ARRIBA G. L. Elevation 6397.0 Dedicated Acreage S/283.40 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 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.
3. If the answer to question two is "no", list all the owners and their respective interests below:

<u>Owner</u>	<u>Land Description</u>

Section B.

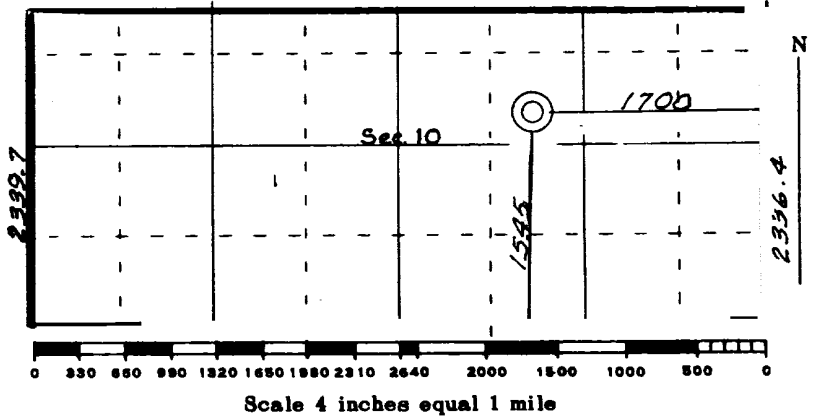
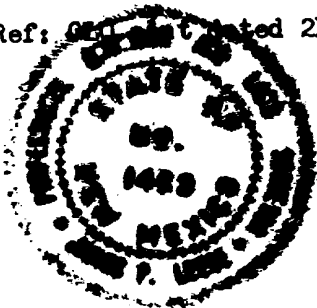
Note: All distances must be from outer boundaries of section.

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.
 (Operator)
 Original signed by:
JOHN T. HAMPTON, Manager
 (Representative)
234 Petroleum Club Plaza
 (Address)
Farmington, New Mexico



Ref: CG dated 21 May, 1917



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.

(Seal)

Date Surveyed April 8, 1965

Farmington, New Mexico

James P. Leese
 Registered Professional Engineer and/or Land Surveyor
 James P. Leese, N. Mex. Reg. No. 1463
 San Juan Engineering Company