

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 ☐		5. LEASE DESIGNATION AND SERIAL NO. SF-078278
b. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Beta Development Co.		7. UNIT AGREEMENT NAME San Juan 29-6 Unit
3. ADDRESS OF OPERATOR 234 Petr. Club Plaza, Farmington, New Mexico		8. FARM OR LEASE NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 890/S 890/W At proposed prod. zone		9. WELL NO. 83
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*		10. FIELD AND POOL, OR WILDCAT Basin Dakota
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. line, if any)		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 13-29N-6W, NMPM
16. NO. OF ACRES IN LEASE 2100		12. COUNTY OR PARISH Rio Arriba
17. NO. OF ACRES ASSIGNED TO THIS WELL W/320		13. STATE N. M.
18. DISTANCE FROM PROPOSED* LOCATION TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		20. ROTARY OR CABLE TOOLS Rotary
21. ELEVATIONS (Show whether DEPT, GR, etc.) 6717' Gr.		22. APPROX. DATE WORK WILL START* July 23, 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"	11.6#	8150'	Cement 3 stages

Propose to cement production casing in 3 stages: 1st stage w/150 sx reg. + 2% gel.
2nd stage - set DV tool below Point Lookout formation and cement to protect the
Mesaverde formation, w/approx. 300 cu. ft. 50/50 pozmix and Class C cement. 3rd
stage - set DV tool below Pictured Cliffs and cement w/approx. 350 cu. ft. 50/50 pozmix
and Class C cement. Will perforate and sand water frac the Dakota formation.

RECEIVED

JUL 22 1964

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.

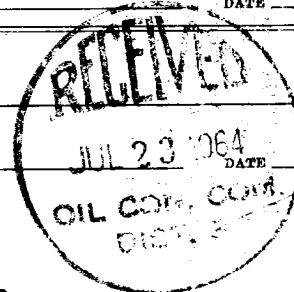
24. Original signed by:
JOHN T. HAMPTON
SIGNED _____ TITLE Manager DATE July 22, 1964

(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



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 **July 22, 1964**

Operator: **BETA DEVELOPMENT COMPANY** Lease: **San Juan 29-6 Unit**
 Well No. **83** Unit Letter **K** Section **13**
 Located **890** Feet From **the SOUTH** Line, **890** Township **29 NORTH** Range **6 WEST** NMPM
 County **SAN JUAN** G. L. Elevation **6717'** Feet From **the WEST** Line
 Name of Producing Formation **Dakota** Dedicated Acreage **W/320** Acres
 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:

OwnerLand Description

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**

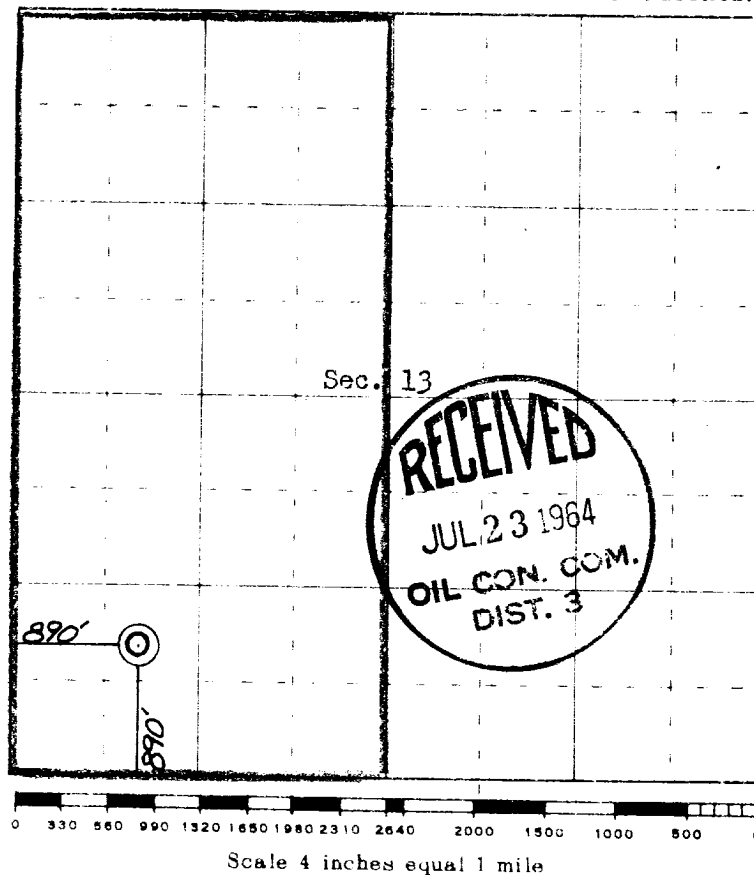
(Representative)

234 Petr. Club Plaza

(Address)

Farmington, New Mexico

Ref: GLO plat dated 19 July 1915



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 **July 21, 1964**

James P. Lease
 Registered Professional Engineer and/or Land Surveyor
 James P. Lease, N. Mex. Reg. No. 1163

