

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-079051-B
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 28-6 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 1050' FSL 1680' FWL At proposed prod. zone		9. WELL NO. 105
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 drlg. line, if any)	16. NO. OF ACRES IN LEASE 486.36	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 35-28N-6W
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	19. PROPOSED DEPTH 7600'	12. COUNTY OR PARISH Rio Arriba
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6336.5' Gr.	17. NO. OF ACRES ASSIGNED TO THIS WELL 5/320	13. STATE N. M.
22. APPROX. DATE WORK WILL START* June 12, 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 sk
7 7/8"	4 1/2"	11.6#	7600'	Cement 3 stages

Plan to cement production casing in 3 stages. 1st stage w/ 150-200 Bag. + 2% gel, 2nd stage - set DV tool below Point Lookout formation and cement to protect Mesaverde w/approx 300 cu. ft. 50/50 pozmix and Class C cement, 3rd stage - set DV tool below Pictured Cliffs formation and cement w/approx 350 cu. ft. 50/50 pozmix and Class C cement.

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, **JOHN T. HAMPTON** TITLE **Manager** DATE **June 10, 1964**
SIGNED _____ DATE _____
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY *ca* TITLE _____ DATE **JUN 10 1964**
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

U. S. GEOLOGICAL SURVEY

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 June 10, 1964

Operator BETA DEVELOPMENT COMPANY Lease San Juan 26-6 Unit
 Well No. 105 Unit Letter N Section 35 Township 28 NORTH Range 6 WEST NMPM
 Located 1050 Feet From the SOUTH Line, 1680 Feet From the WEST Line
 County RIO ARriba G. L. Elevation 6336.5' 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 ☒ No ☐2. If the answer to question one is "no", have the interests of all the owners been consolidated by communization 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:

Owner

Land Description



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.

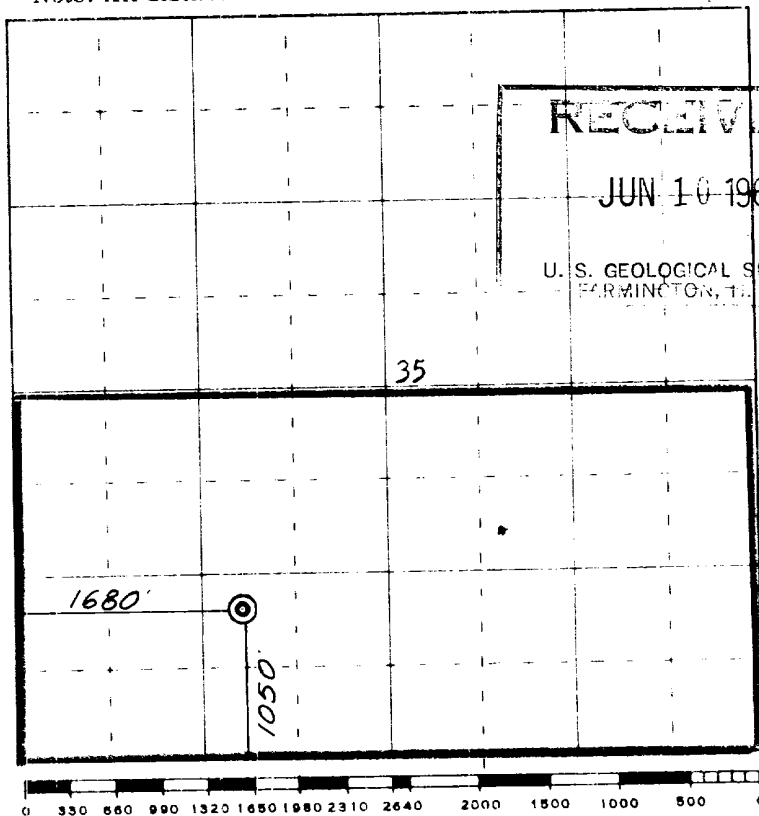
Original signed by (Operator) **JOHN T. HAMPTON** Manager

(Representative) **234 Petr. Club Plaza**

(Address) **Farmington, New Mexico**

Ref: GLO plat dated 23 June 1919

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



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 9, 1964

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

