

5-UG

2-ENG, El Paso,
1-F Farm.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

1830' FAL 1190' FAL

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 orig. line, if any)

16. NO. OF ACRES IN LEASE

267.61

17. NO. OF ACRES ASSIGNED
TO THIS WELL

7/310.30

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

19. PROPOSED DEPTH

6725'

20. ROTARY OR CABLE TOOLS

Rotary

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

5710.5' Gr.

22. APPROX. DATE WORK WILL START*

May 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"	20	300'	175 ex
7 7/8"	4 1/2"	10.5	6725'	Cement 3 stages

Propose to drill to a total depth of 6725' or to test the Dakota Formation.

Propose to perforate and sand water frac the Dakota Formation. Production

casing will be cemented in 3 stages. 1st stage w/250 ex, 2nd stage to

protect the Mesaverde Formation, 3rd stage to protect the fractured Bluffs,

Kirtland, and Fruitland Formations.

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 May 23, 1964

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

MAY 23 1964

*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.

Section 1

May 25, 1964

Operator: BETA DEVELOPMENT COMPANY
 Well No: 1
 Locality: 1850 the NORTH 1190
 County: SIBBOL 5718.5
 Name of mineral owner: Dakota
 1. Is the operator a corporation? ☒ X

Federal "E"
 29 NORTH 11 EAST
 the WEST,
 W/310.30
 Basin Dakota

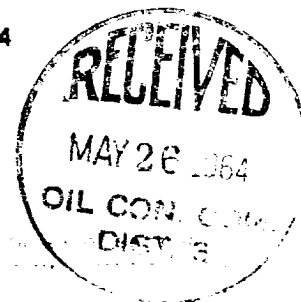
Communitization has been agreed to by El Paso Natural Gas Company and Beta Development Co.

Beta Development Co.

NW/4, N/2SW/4, SE/4SW/4

El Paso Natural Gas Company

SW/4SW/4

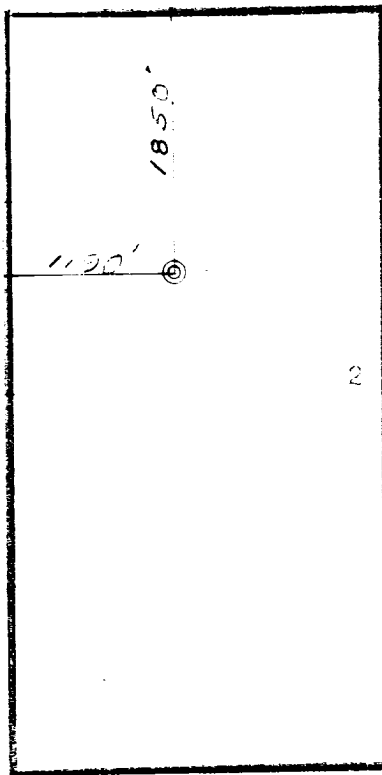


Beta Development Co.

Original signed by:
 JOHN T. HAMPTON Manager

234 Petr. Club Plaza

Farmington, New Mexico



Ref: GIC plat dated September 3,
 1976

May 26, 1964

James B. Reese
 James B. Reese, M. Bar. Reg. No. 1463