

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. TYPE OF WORK
DRILL ☒ DEEPEN ☐ PLUG BACK ☐

2. TYPE OF WELL
OIL ☐ GAS ☒ OTHER ☐ RINGER ☐ MULTIPLE ☐
WELL ☐ WELL ☒ BORE

3. NAME OF OPERATOR
Beta Development Co.

4. ADDRESS OF OPERATOR
234 Petr. Club Plaza, Farmington, New Mexico

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements *)
1440' FNL and 1720' FNL
At proposed prod. zone

6. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

7. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drg. line if any)

8. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
OR ADJACENT FNL OR THIS LEASE, FT.

9. ELEVATION (Show whether OF RT GR etc.)
5811' Gr.

10. NO. OF ACRES IN LEASE
120
11. LEASED DEPTH
6650'

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLES	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
12 1/4"	8 5/8"	24#	300'
7 7/8"	4 1/2"	10.5#	6650'

Propose to cement production string in 3 stages. 1st stage 200' to 400', 2nd stage to protect the Mesaverde formation. 3rd stage to protect the Pictured Cliffs, Kirtland, and Fruitland formations. Propose to drill to an approx. total depth of 6650'. Will perforate and sand water frac the Dakota formation.

NBU 507

12. CHECK SPACE DESCRIBE PROPOSED PROGRAM. If proposal is to deepen or plug back, give data on present production and proposed production. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give brief description of proposed program, if any.

SIGNED: JOHN I. HAMBLIN TITLE: Manager

(This space for Federal or State office use)

APPROVED BY: [Signature] APPROVAL DATE: June 21, 1964

CONCURRENCE OF APPROVAL, IF ANY

5. LEASE DESIGNATION
SF-077911
6. IF FEDERAL ALLIANCE, GIVE NAME
AGREEMENT
Basin Lake
A-20N-11W
Jean
N. M.
7/306.58
Retax
June 23, 1964
75%
Cement
RECEIVED
JUL 18 1964
OIL CON. CO.
DIST.
June 21, 1964

Subject to
communicating

UNITED STATES
DEPARTMENT OF THE INTERIOR

APPLICATION FOR PERMIT TO DRILL DEEPEN OR PLUG BACK

DRILL X

DEEPEN

PLUG BACK

Oil Development Co.

104 West Club House, Washington, New Mexico

1400' and 1500' and

150

6000'

2011. 01

2000'

248

10.25

12 1/4"
7 1/8"

Propose to cement production string in 3 stages. 1st stage 1500' and
stage to protect the Mesaverde formation. 2nd stage to protect the Permian
Cliffs, Kittling, and Fortland formations. Propose to drill to an average
total depth of 6000'. Will perforate and sand water line the bottom formation.

Manager

See Instructions On Reverse Side

NEW MEXICO OIL CONSERVATION COMMISSION

Well Location and Acreage Dedication Plat

SECTION A. **Beta Development Co.**

Date **June 22, 1964**

Operator **~~Wabco Development Company~~**

Lease **Oswell Federal #1**

Well No **1** Unit Letter **F** Section **4** Township **29 North** Range **11 West** NMPM

Located **1440** Feet From **North** Line **1720** Feet From **West** Line

County **San Juan** G. L. Elevation **5311** Dedicated Acreage **W/306.55** 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? **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 **El Paso Natural Gas Company and Beta Development Co. have agreed to a communitization**

3. If the answer to question Two is "No," list all the owners and their respective interests below:

El Paso Natural Gas Company

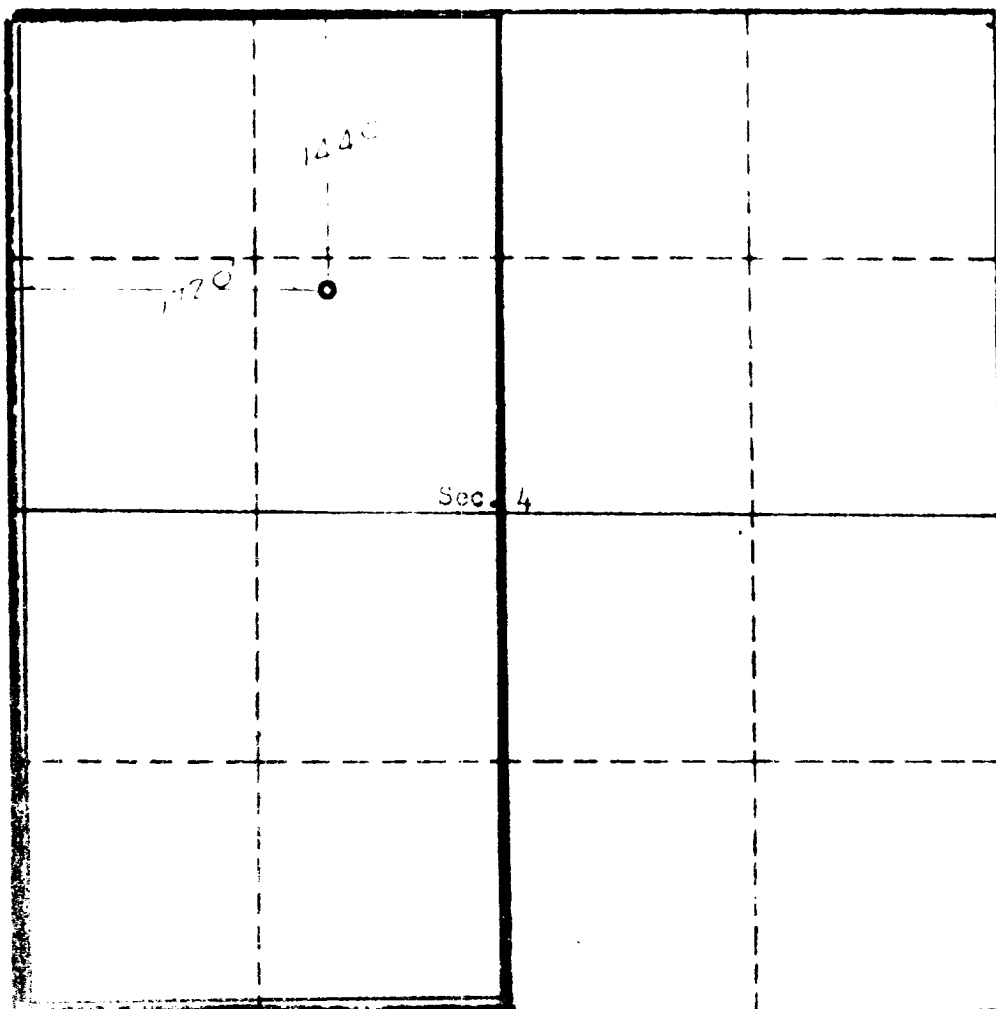
Beta Development Co.

S/2 NW/4 and NW/4 SW/4

N/2 NW/4 and NE/4 SW/4 and S/2 SW/4



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: **JOHN T. HAMPTON** Manager

**234 Petr. Club Plaza
Farmington, New Mexico**

This is to certify that the well location shown on the plat in Section B was verified from the notes of actual survey and is being recorded under my supervision and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed **July 21, 1962**

**Four States Engineering Co.
FARMINGTON, NEW MEXICO**

James T. E. L. L. L.
REGISTERED ENGINEER OR
LAND SURVEYOR

Certificate No. **3602**

