

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 Company

3. ADDRESS OF OPERATOR

238 Petroleum Plaza, Farmington, NM 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

980' FNL & 790' FWL

At proposed prod. zone

Same as above

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

9 miles Northeast

10. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any)

790'

790'

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

2840'

16. NO. OF ACRES IN LEASE

1920

19. PROPOSED DEPTH

6600'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320 w / 315.24

20. ROTARY OR CABLE TOOLS

Rotary

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

6100'

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS"

22. APPROX. DATE WORK WILL START*

11-10-83

23. PROPOSED CASING AND CEMENTING PROGRAM

This action is subject to administrative
appeal pursuant to 30 CFR 290.

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 $\frac{1}{2}$ "	8-5/8" K-55	24#	300'	250 cu. ft. (circulated)
7-7/8"	4 $\frac{1}{2}$ " K-55	10.5#	6600'	1480 cu. ft. (circulated)

We desire to drill 12 $\frac{1}{2}$ " hole to approx. 300' using natural mud as a circulation medium, run new 8-5/8" casing to T.D. cement with approx. 250 cu. ft. class "B" cement circulated to surface, cut pipe off and install 10" 900 series double B.O.P. with hydraulic closing unit, drill 7-7/8" hole to T.D. of approx. 6600' using a permaloid non-dispersed mud as the circulating medium, log well, run 4 $\frac{1}{2}$ " 10.5# casing to T.D. with D.V. tool @ approx. 4600' and 2000'. Cement first stage with 250 cu. ft. 50-50 posmix, followed with 100 cu. ft. reg. neat, cement 2nd stage with 580 cu. ft. 65/35 posmix 8% Gel, cement 3rd. stage with 550 cu. ft. of 65/35 posmix 12% Gel, circulate to surface. Drill out D.V. tools test all casing perf. and frac the Dakota Zone. Clean up well, run tubing, test well and connect to gathering system, the gas from this well has previously been dedicated to a transporter.

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.

SIGNED

TITLE

Area Supervisor

DATE

10-12-83

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

APPROVED

AS AMENDED

DATE

NOV 04 1983

AREA MANAGER
FARMINGTON RESOURCE AREA*See Instructions On Reverse Side
DIST. 3

NMOCC

2

OIL CONSERVATION DIVISION

P. O. BOX 2088

STATE OF NEW MEXICO
OIL AND MINERALS DEPARTMENT

SANTA FE, NEW MEXICO 87501

Form C-107
Revised 10-1-78

All distances must be from the outer boundaries of the Section.

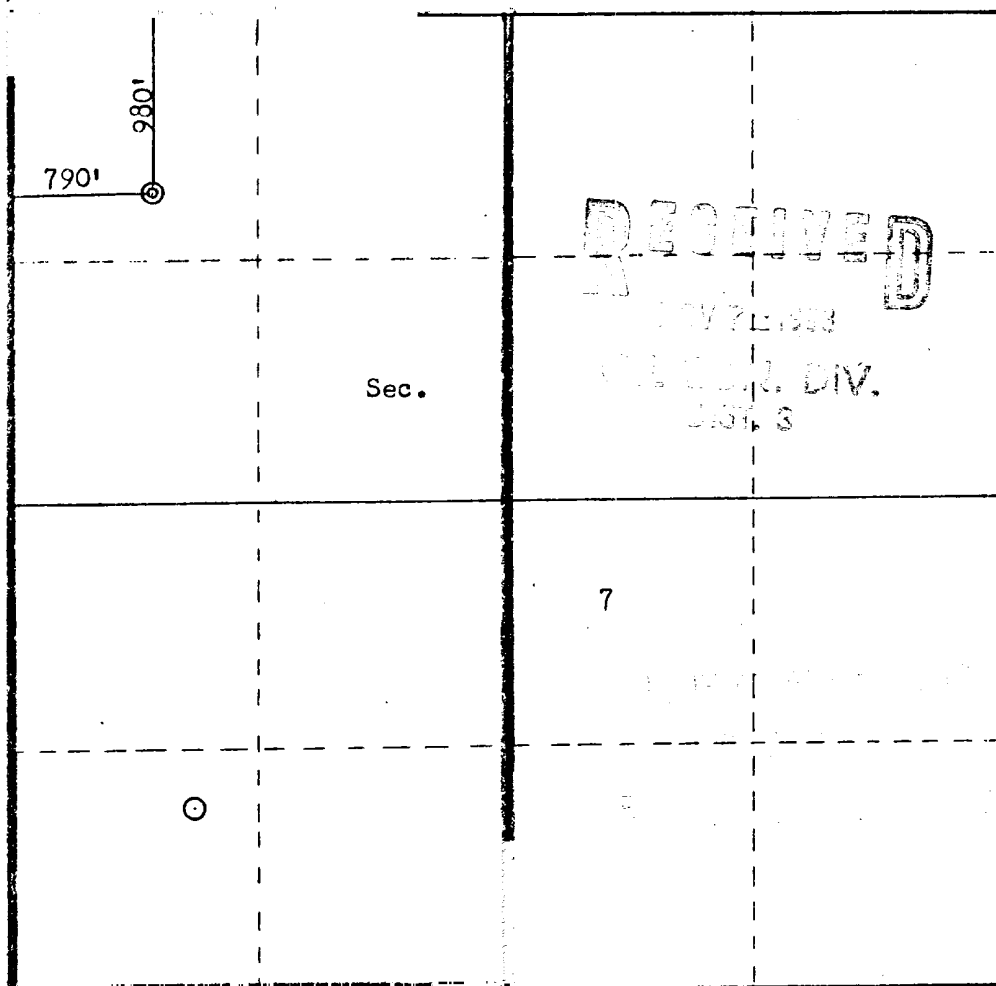
Operator BETA DEVELOPMENT COMPANY			Lease HOLLOWAY-FEDERAL		Well No. 5E
Unit Letter D	Section 7	Township 27N	Range 11W	County San Juan	
Actual Footage Location of Well: .980 feet from the North line and 790 feet from the West line					
Ground Level Elev. 6100	Producing Formation Dakota		Pool Basin Dakota	Dedicated Acreage: W $\frac{1}{2}$ 320 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



Scale: 1"=1000'

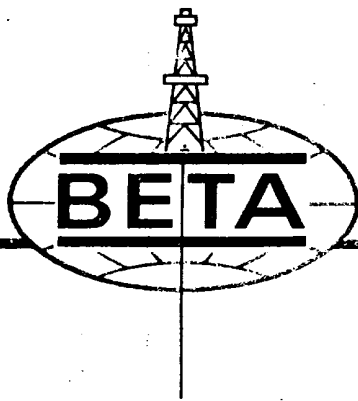
CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name
D. E. Buehler
Position
Area Supervisor
Company
Beta Development Co.
Date
10-12-83

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
October 7, 1983
Registered Professional Engineer
and Land Surveyor
Fred B. Kerr Jr.
Fred B. Kerr Jr.
Certificate No. 3950



BETA DEVELOPMENT CO.

Incorporated

238 PETROLEUM PLAZA, FARMINGTON, NM 87401

October 12, 1983

MULTI-POINT SURFACE USE PLAN

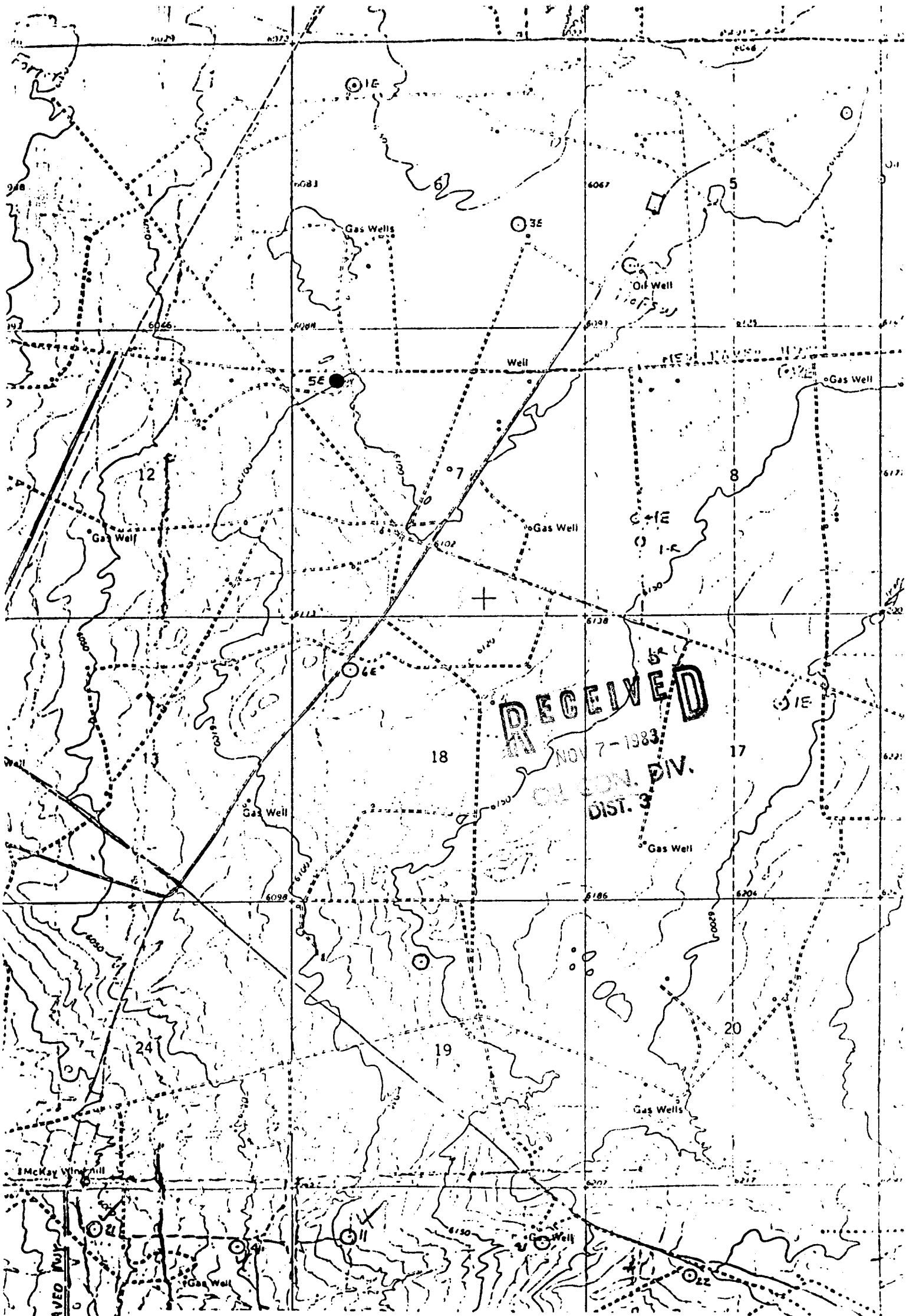
Minerals Management Service
Caller Service 4104
Farmington, New Mexico 87499

Dear Sirs:

Beta Development Company proposes to drill the Holloway Federal #5-E well located 980 feet from the North line and 790 feet from the West line of Section 7, Township 27, North Range 11 West, N.M.P.M., San Juan County, New Mexico.

The following attachments are included with this application:

1. Map of existing roads, plat of the rig lay down and a plat of the cut and fill required.
2. No new roads will be required, using existing roads. Roads will be maintained to present condition.
3. Location of existing wells.
4. Lateral roads to well locations.
5. Location of surface equipment if required.
6. Drilling and completion water will be obtained from our own water well in Sec. 7, T-27N, R-11W, see attached permit and water well data sheets.
7. Waste will be disposed of by being placed in the reserve pit and buried upon completion of the well.
8. There will be no camp at or near the well site.
9. There will be no air strip.
10. A plat is attached showing the location of the rig, mud tanks, reserve pit, burn pit, etc. Burn pit to have steel frame with mesh wire.
11. Mr. Leo Soukup with N.I.I.P. indicated to us that the archeologist study has been done, therefore no archeology report is required according to Mr. Soukup.
12. After the well is completed, the location will be cleaned up and bladed. The reserve pit will be allowed to dry; then it will be filled and restored to its natural state.
13. The soil is sandy loam with the principal vegetation being sagebrush, juniper, gama grass, cheatgrass and galleta.
14. A letter of certification is attached. The operator representative, for compliance purposes is, D. E. Baxter, Area Supervisor, 238 Petroleum Plaza, Farmington, New Mexico. Phone (505) 327-0494.



Vicinity Map for
BETA DEVELOPMENT COMPANY HOLLOWAY FEDERAL #5-E
980'FNL 790'FWL Sec. 7 T-27N R-11W
SAN JUAN COUNTY, NEW MEXICO

