

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

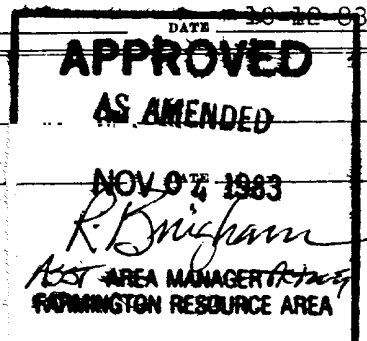
1a. TYPE OF WORK <b>DRILL</b> <input checked="" type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/> <b>PLUG BACK</b> <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. SF-078895	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Beta Development Company			7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 238 Petroleum Plaza, Farmington, NM 87401			8. FARM OR LEASE NAME Holloway Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1850' FSL & 1190' FEL At proposed prod. zone Same as above			9. WELL NO. 3-E	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 9 miles Northeast			10. FIELD AND POOL, OR WILDCAT Basin Dakota	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1190' 1190'			11. SEC. T., R., M., OR BLE. AND SURVEY OR AREA I Sec. 6 T-27N, R-11W	
16. NO. OF ACRES IN LEASE 1920			12. COUNTY OR PARISH San Juan	
17. NO. OF ACRES ASSIGNED TO THIS WELL 326/317.34			13. STATE New Mexico	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1838'			20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6062 G.R.			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 1/4"	8-5/8" K-55	24#	300'	250 cu. ft. (circulated)
7-7/8"	4 1/2" K-55	10.5#	6600'	1480 cu. ft. (circulated)

We desire to drill 12 1/4" 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 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 <u>D. E. Bryant</u> TITLE <u>Area Supervisor</u> DATE <u>10-12-83</u>	
(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



31.7.95A

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## OIL CONSERVATION DIVISION

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088  
SANTA FE, NEW MEXICO 87501Form C-107  
Revised 10-1-78

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

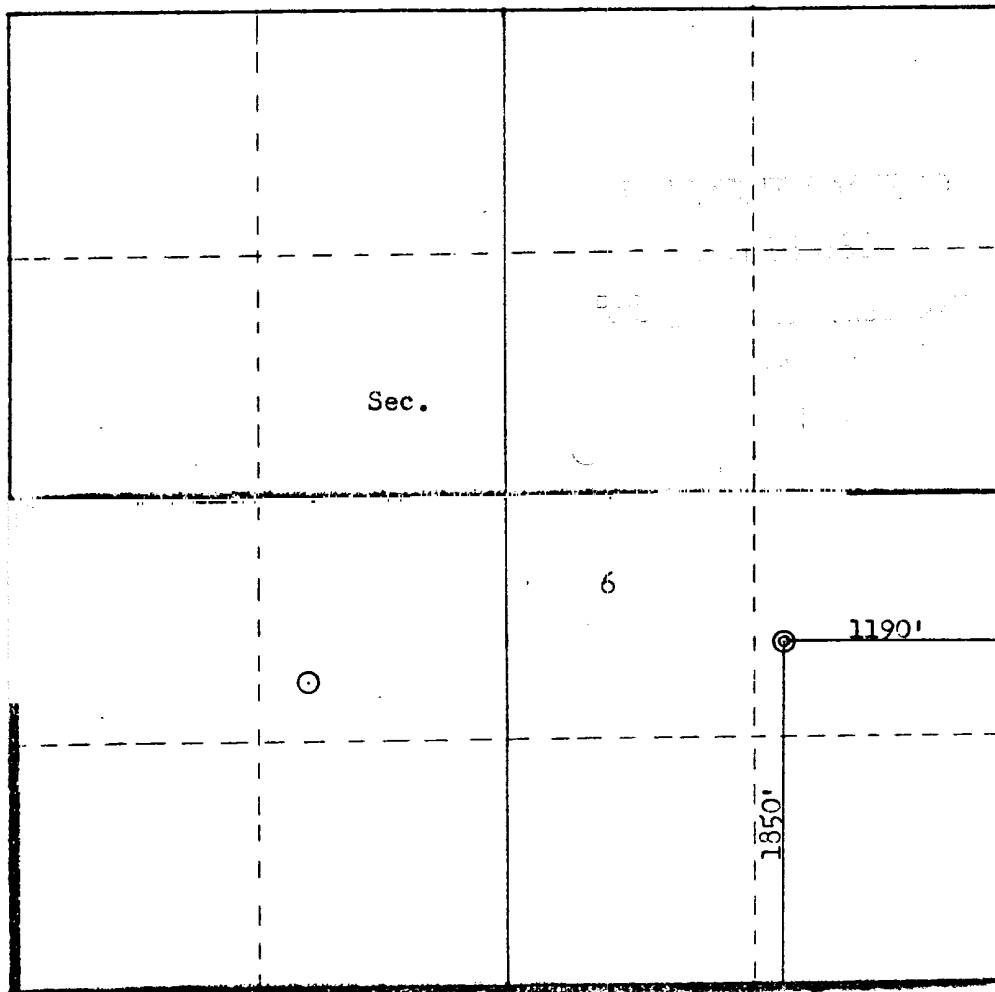
Operator: <b>BETA DEVELOPMENT COMPANY</b>			Lease: <b>HOLLOWAY-FEDERAL</b>		Well No. <b>3E</b>
Unit Letter <b>I</b>	Section <b>6</b>	Township <b>27N</b>	Range <b>11W</b>	County <b>San Juan</b>	
Actual Footage Location of Well: <b>1850</b> feet from the <b>South</b> line and <b>1190</b> feet from the <b>East</b> line					
Ground Level Elev: <b>6062</b>	Producing Formation <b>Dakota</b>		Pool <b>Basin Dakota</b>	Dedicated Acreage: <b>S<math>\frac{1}{2}</math> 320</b> 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'

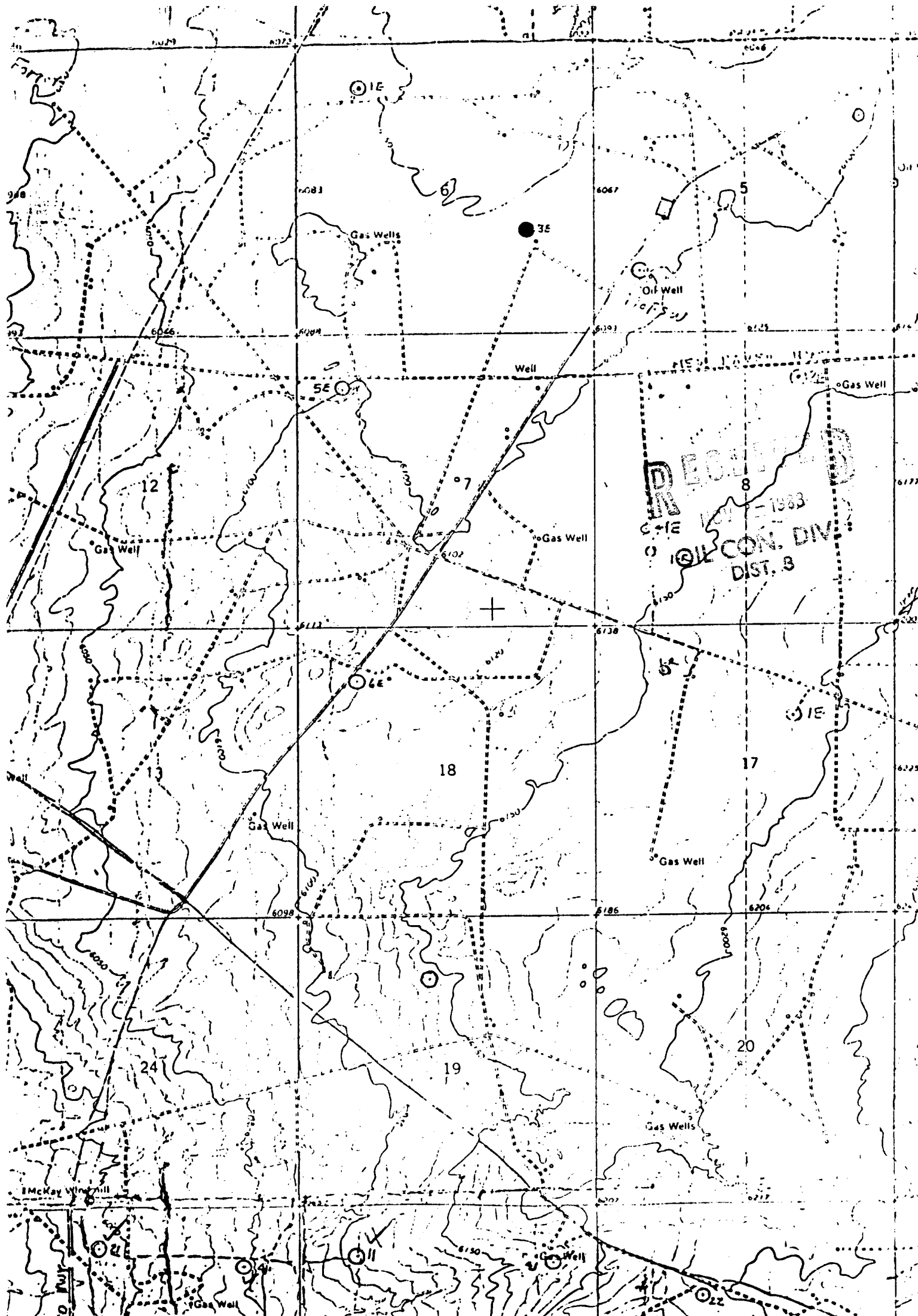
## CERTIFICATION

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

Name D. E. Bayler  
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. Kern Jr.  
Certificate No. 3950



Vicinity Map for  
BETA DEVELOPMENT COMPANY HOLLOWAY FEDERAL #3-E  
1850' FSL 1190' FEL Sec. 6 T-27N R11W  
SAN JUAN COUNTY, NEW MEXICO

