

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

1060' FNL & 1070' FWL

At proposed prod. zone

Same as above

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

9 miles Northeast

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

1070'

(Also to nearest drilg. unit line, if any)

1070'

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT.

2590'

19. PROPOSED DEPTH

6600'

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

6121' G.R.

16. NO. OF ACRES IN LEASE

1920

17. NO. OF ACRES ASSIGNED

TO THIS WELL

320

20. ROTARY OR CABLE TOOLS

Rotary

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:

RECEIVED

NOV 7 1983

OIL CON. DIST. 3

DIST. 3

NMOCC

APPROVED AS AMENDED NOV 04 1983 R. B. Bingham DIST. AREA MANAGER FARMINGTON RESOURCE AREA
--

NWU 3-23

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.

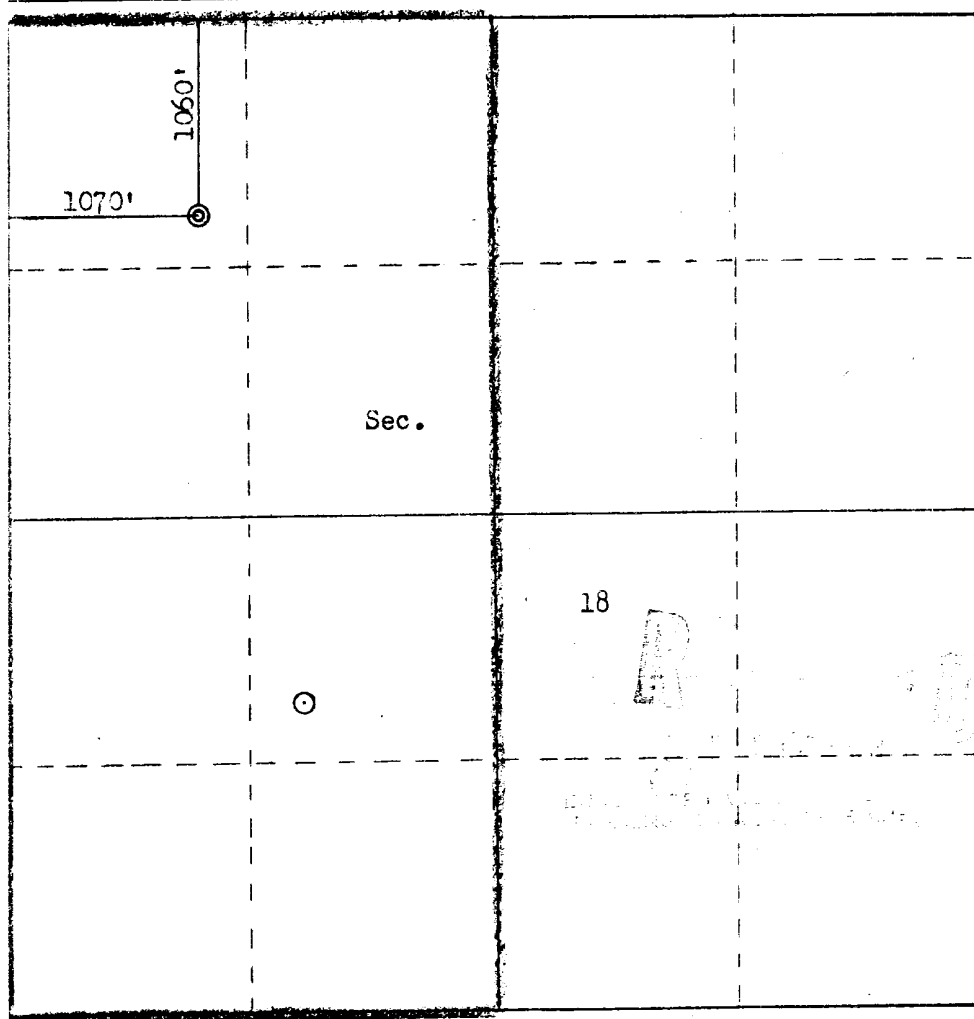
Operator BETA DEVELOPMENT COMPANY			Lease HOLLOWAY-FEDERAL		Well No. 6E
Unit Letter D	Section 18	Township 27N	Range 11W	County San Juan	
Actual Footage Location of Well: 1060 feet from the North line and 1070 feet from the West line					
Ground Level Elev: 6121	Producing Formation Dakota		Pool Basin Dakota		Dedicated Acreage: W 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.

D. E. Pappas
Name

Position
Area Supervisor

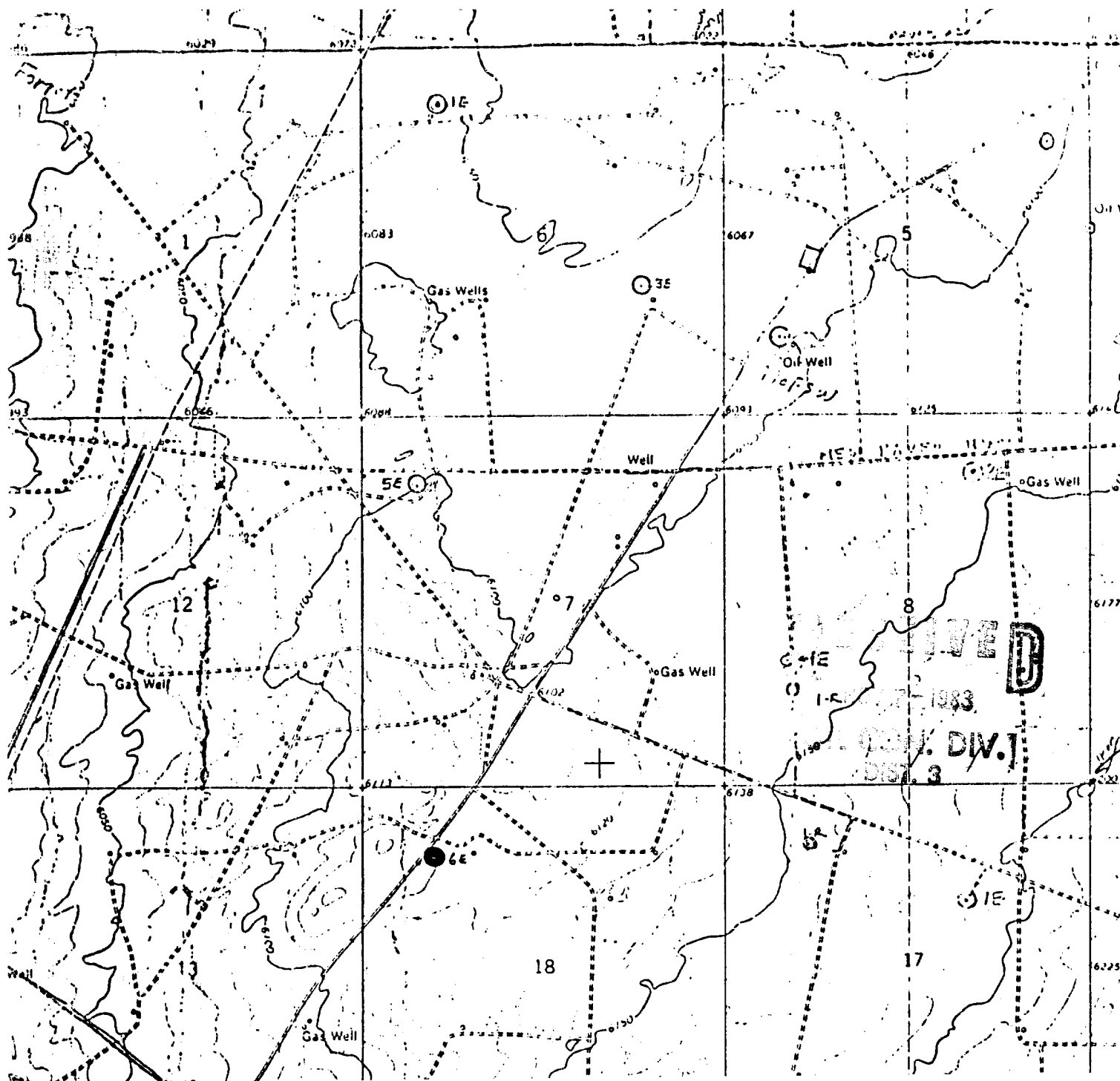
Company
Beta Development Co.

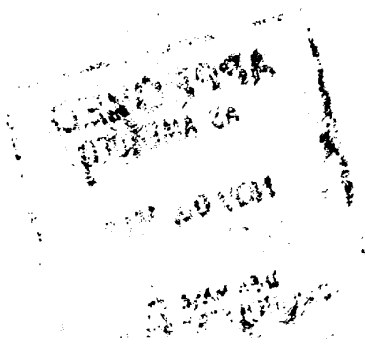
Date
10-12-83

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





UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. SF-078895	
2. NAME OF OPERATOR Beta Development Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR 238 Petroleum Plaza, Farmington, NM 87401		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1060' FNL & 1070' FWL		8. FARM OR LEASE NAME Holloway Federal	
14. PERMIT NO.		9. WELL NO. 6-E	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6121' G.R.		10. FIELD AND POOL, OR WILDCAT Basin Dakota	
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 18, T-27N, R-11W		12. COUNTY OR PARISH San Juan	
13. STATE New Mexico			

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) Waiting on completion	X

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other)	

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Day #1 Spud 12 $\frac{1}{4}$ " hole @ 1:15 P.M. 2-11-84. Ran 8 jt's 8-5/8" 24# csg. total of 324' set @ 336'. Cemented w/220 sx class "B" 2% cal. cl. w/1/4# Floseal added Plug down @ 7:45 P.M. 2-11-84.

Day #11 T.D. @ 7:45 A.M. 2-21-84, ran 165 jt's 4 $\frac{1}{2}$ " 10.5 & 11.6# J-55 ST&C & LT&C csg. total of 6528' set @ 6540'. Cement 1st stage w/320 sx 50-50 posmix + 2% gel, 6 $\frac{1}{4}$ # Gilsonite + 7# salt per sack added (good cir.) Cemented 2nd stage @ 4650' w/300 sx 65-35 posmix + 12% gel + 12 $\frac{1}{2}$ # Gilsonite + 2% cal. cl. followed w/50 sx neat cement. Plug down @ 3:45 A.M. (good cir.) Cemented 3rd stage w/400 sx 65-35 posmix + 12% gel, 12 $\frac{1}{2}$ # Gilsonite + 2% cal. cl. followed w/50 sx neat. Plug down @ 9:15 A.M. 2-22-84. T.D. is 6540'. Waiting on completion rig.

RECEIVED

MAR 09 1984

OIL CON. DIV.
DIST. 3

18. I hereby certify that the foregoing is true and correct

SIGNED *D. E. Baster*

TITLE Superintendent

DATE March 5, 1984

(This space for Federal or State office use)

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

MAR 08 1984

ACCEPTED FOR RECORD

NMOC

*See Instructions on Reverse Side

FARMINGTON RESOURCE AREA

BY