

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

Gulf Oil Corporation

3. ADDRESS OF OPERATOR

P. O. Box 670, Hobbs, NM 88240

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

At surface

955' FNL & 1005' FEL

At proposed prod. zone

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

approx 8 miles north Counselors, NM

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

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

16. DISTANCE FROM PROPOSED LOCATION*

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

16. NO. OF ACRES IN LEASE

2560

17. PROPOSED DEPTH

6800'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

19. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DE, RT, CR, etc.)

6583' GL

22. APPROX. DATE WORK WILL START*

6-15-82

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/2"	8-5/8"	24#	500'	400 sx - circ
7-7/8"	5 1/2"	15.5#	6800'	to be determined by caliper log

Cover of Alamogordo

Circulating Media:

0' - 500' FW spud mud
500' - 4000' FW
4000' - 6800' FW gel w/the following properties:
vis 32-37, WL 20-4cc, weight 8.5-9PPG

See Attached BOP Drawing #2

Gas Is Dedicated

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposed 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

Area Production Manager

DATE 6-4-82

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED
AS AMENDED

DATE

JUN 29 1982

JAMES F. SIM
DISTRICT ENGINEER

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

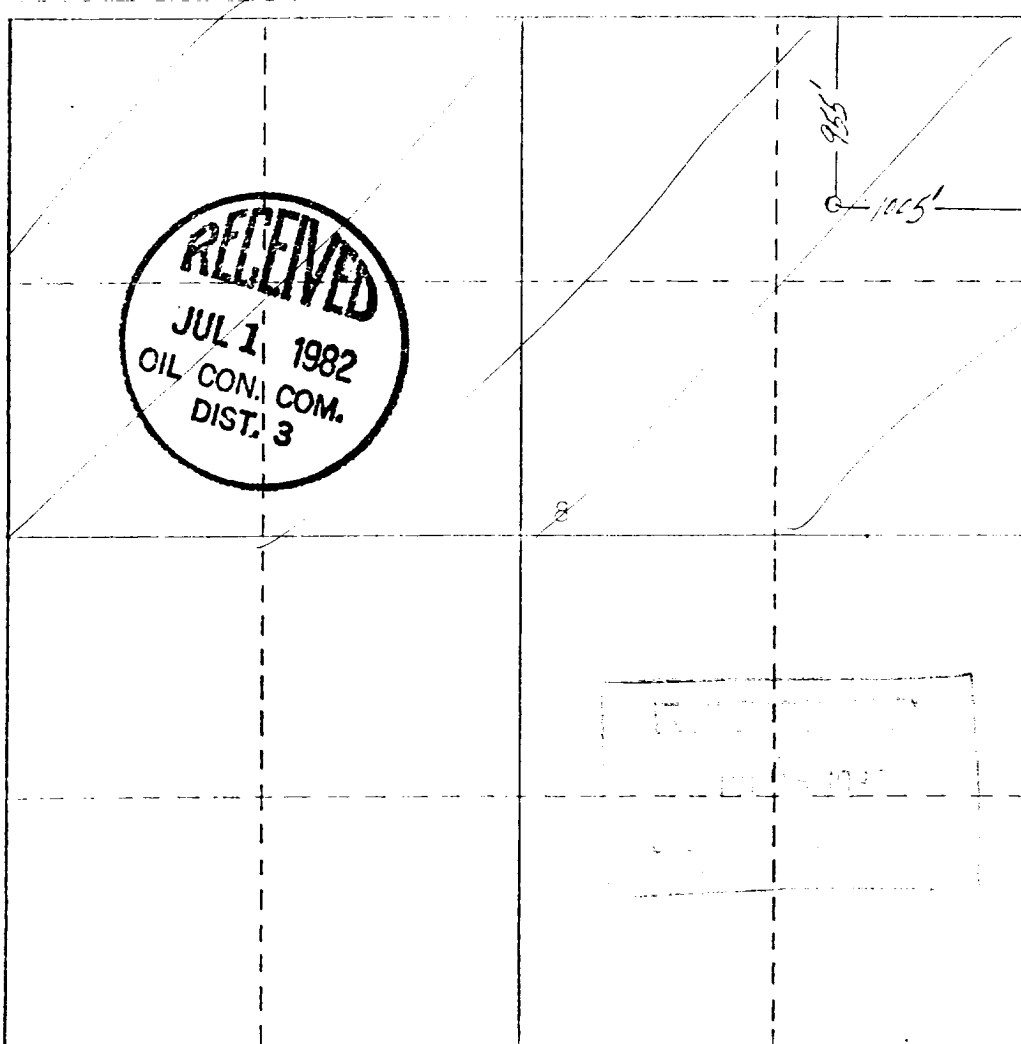
Operator GULF OIL CORPORATION			Lease APACHE FEDERAL		Well No. 8-E
Unit Letter A	Section 8	Township 24 NORTH	Range 5 WEST	County RIO ARRIEA	
Actual Fracture Location of Well:					
955 feet from the NORTH line and		1005 feet from the EAST line			
Ground Level Elev. 6583	Producing Formation Basin Dakota		Pool Basin Dakota	Dedicated Acreage: N 320 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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 Division.



CERTIFICATION

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

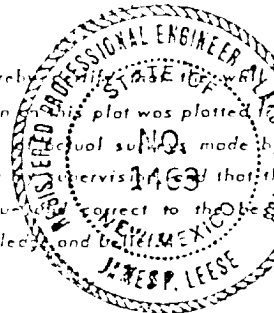
Name R. C. Anderson

Position Area Production Manager

Company Gulf Oil Corporation

Date 5-25-82

I hereby certify that the well location shown on this plat was plotted by field notes of equal survey made by me or under my supervision in 1963 and that the same is true and correct to the best of my knowledge and belief.



Date Surveyed May 11, 1982

Registered Professional Engineer and/or Land Surveyor

James P. Leese

Certificate No. 1463

0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 6000 6500 7000 7500 8000 8500 9000 9500 10000

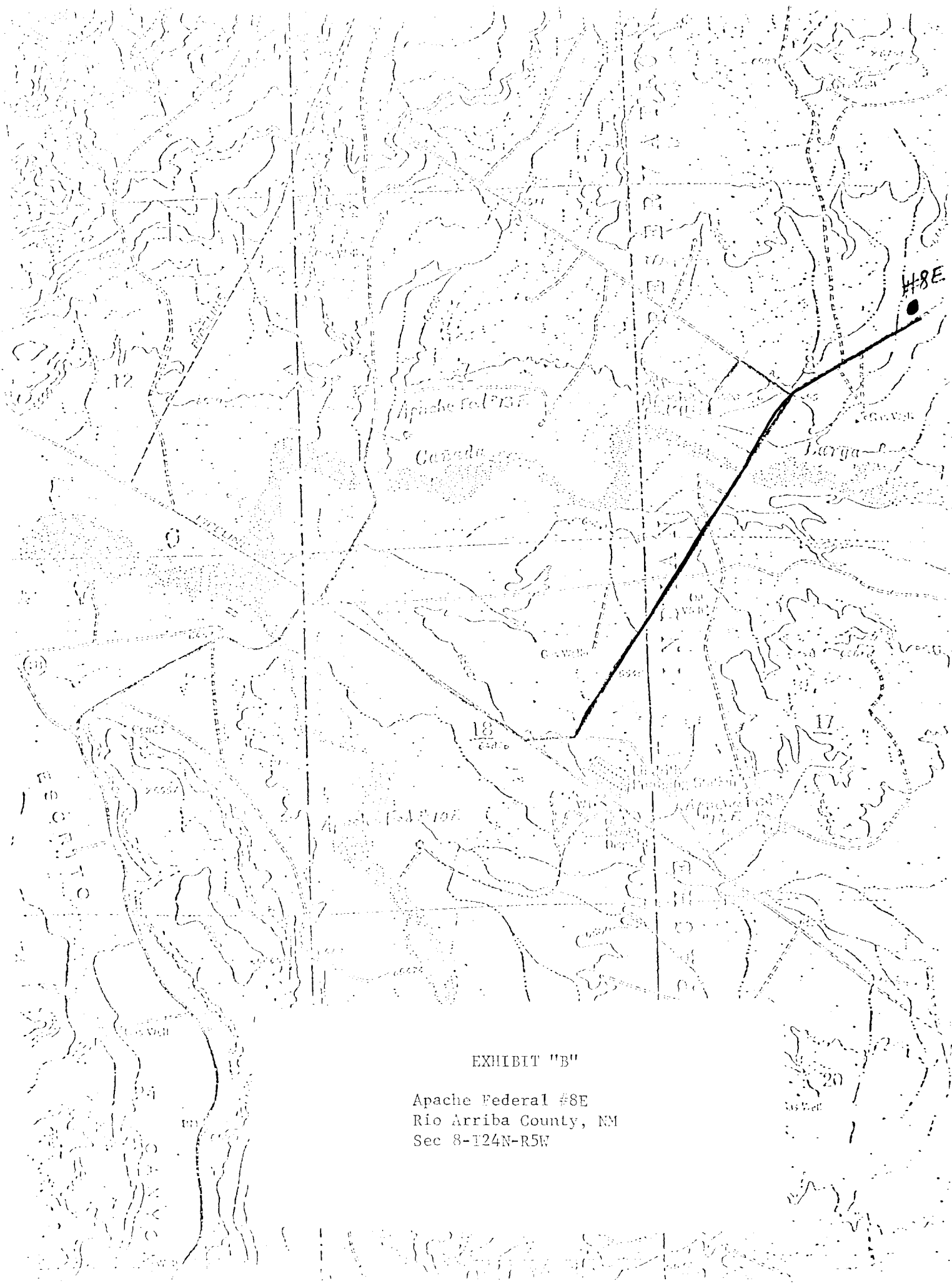


EXHIBIT "B"

Apache Federal #8E
Rio Arriba County, NM
Sec 8-124N-R5W