

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY**

(Other instructions on reverse side)

Bureau No. 42-R1425.

30-045-25805

5. LEASE DESIGNATION AND SERIAL NO.

SF-077092-B

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Houck

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

11. SEC., T., R., M., OR BLK.  
AND SURVEY OR AREA

A Sec. 11, T29N, R10W

12. COUNTY OR PARISH 13. STATE

San Juan

NM

**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

Tenneco Oil Company

3. ADDRESS OF OPERATOR

Box 3249, Englewood, CO 80155

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

At surface

1100' FNL, 800' FEL

At proposed prod. zone

Same as Above

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

Approximately 1 1/2 miles NW of Blanco, NM

15. DISTANCE FROM PROPOSED\*

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

800'

16. NO. OF ACRES IN LEASE

479.14

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

320

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

+ 6935'

20. ROTARY OR CABLE TOOLS

Rotary

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

5833' GR

DRILLING OPERATIONS AUTHORIZED  
SUBJECT TO COMPLETION OF WELL ATTACHED

22. APPROX. DATE WORK WILL START\*

ASAP

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"	9 5/8"	36#	+ 300'	Circ cement to surface
8 3/4"	7"	23#	+3000'	Circ cement to surface - 2 stage
6 1/4"	4 1/2"	10.5, 11.6#	+6935'	Circ cement to liner top

See Attached.


The gas is dedicated.

NOTE: This well was previously permitted as the Houck 2E, at the same footages and formation as above. (See attached copy of original APD cover sheet.) Also attached is a copy of the original archaeological report.

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

  
 Denise Wilson

TITLE

Production Analyst

DATE

September 6, 1983

(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

NM000



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

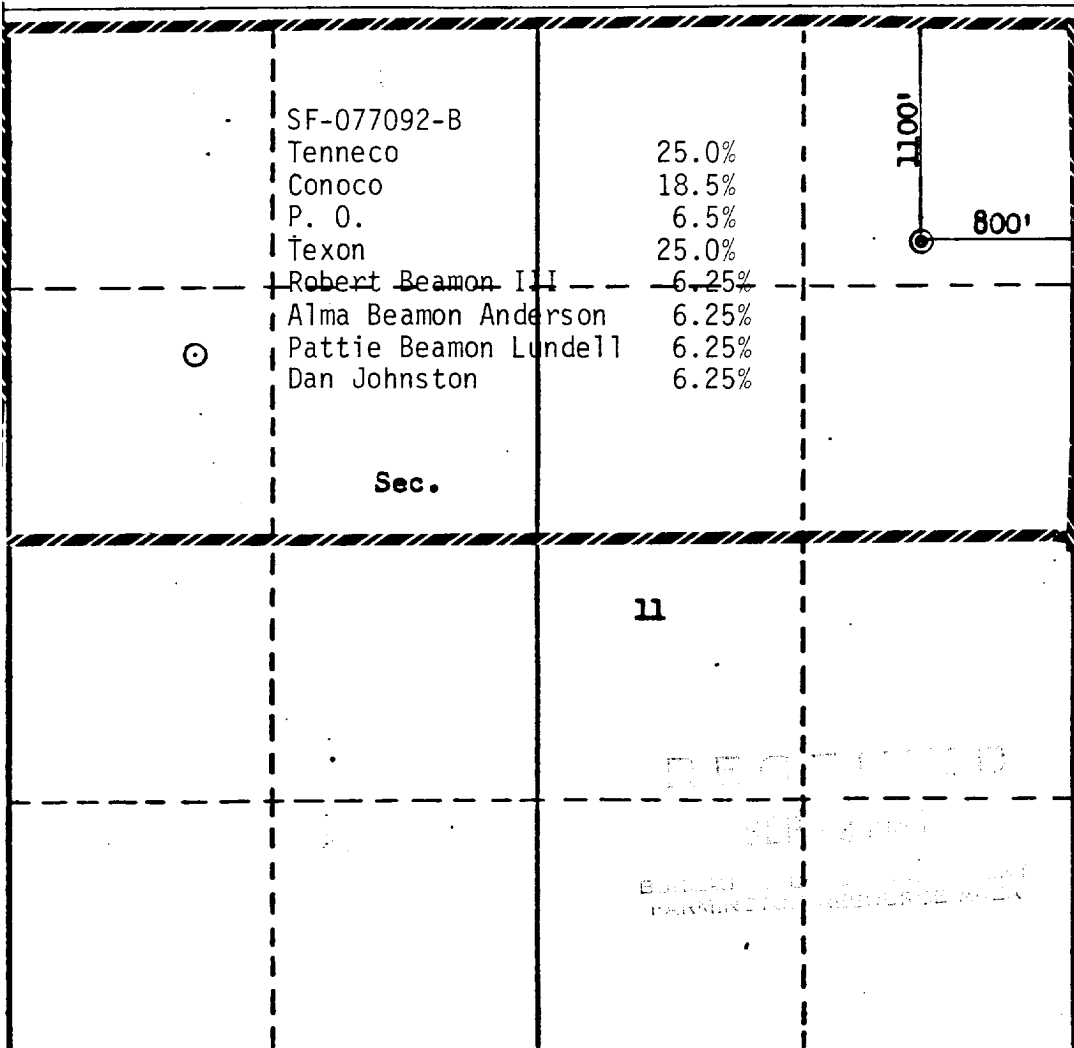
Tenneco Oil Company			Lease HOUCK		Well No. 2
Unit Letter A	Section 11	Township 29N	Range 10W	County San Juan	
Actual Footage Location of Well:					
1100 feet from the North		line and 800 feet from the East		line	
Ground Level Elev. 5833	Producing Formation Dakota	Pool Basin Dakota		Dedicated Acreage: 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 \_\_\_\_\_

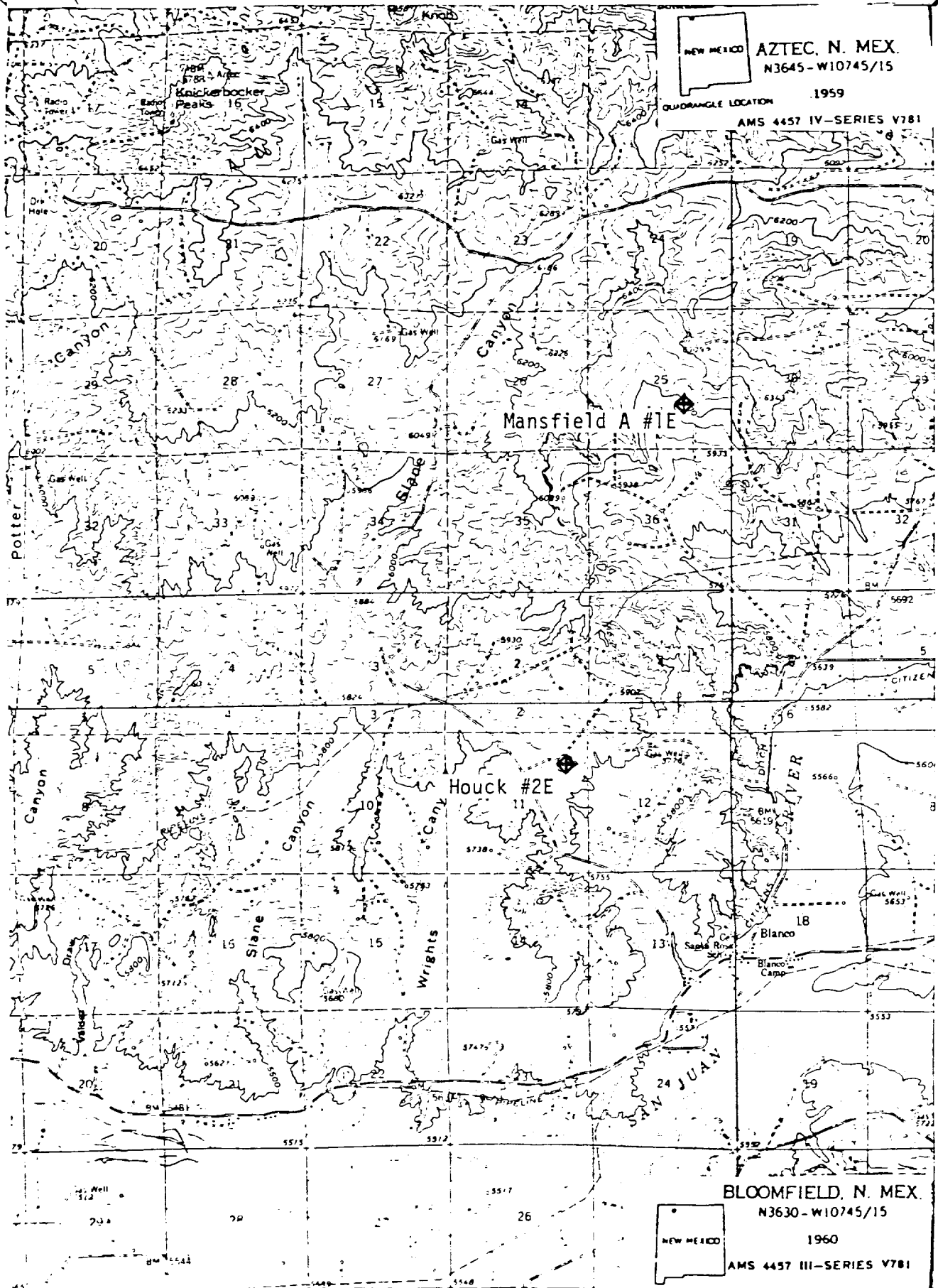
If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

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 Commission.



FEB. 1981 CERTIFICATION	
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
<i>R. A. Mishler</i>	
Name	R. A. Mishler
Position	Sr. Production Analyst
Company	Tenneco Oil Company
Date	February 4, 1981
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	August 28, 1980
REGISTERED LAND ENGINEER and/or Land Surveyor	
<i>Fred B. Kerr Jr.</i>	
Certificate No.	3950

R 10W



T 30N  
T 29N

Figure 8