

COPY TO O. C. C.  
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE\*  
(Other instructions  
reverse side)Form approved.  
Budget Bureau No. 42-R1425.

30 125-26076

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

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. LC 031736-1(a)	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Amoco Production Company		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P.O. Drawer "A", Levelland, Texas 79336		8. FARM OR LEASE NAME Gillully "A" Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 840' FNL & 2080' FEL (Unit B, Sec. 24) At proposed prod. zone		9. WELL NO. 16	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 7 Miles Southwest of Monument, New Mexico		10. FIELD AND POOL, OR WILDCAT Eunice-Monument (Grayburg)	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 24-20-36	
16. NO. OF ACRES IN LEASE 480		17. NO. OF ACRES ASSIGNED TO THIS WELL 40	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 4500'		20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3536.6 GR		22. APPROX. DATE WORK WILL START* September 3, 1978	

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8-5/8"	24#	1200'	Circ. to Surface
7-7/8"	5-1/2"	14#	4500'	Circ. to Surface

After reaching TD, logs will be run and evaluated. Perforate and/or stimulate as necessary in attempting commercial production.

Mud - 0' - 1200' - Native mud & fresh water.  
1200' - TD 4500' - Brine water, native mud & sufficient commercial mud to maintain good hole conditions.

BOP Program attached.

Archaeological reconnaissance attached.

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL"APPROVAL TO FLARE GRANTED  
WHILE DRILLING AND TESTING."

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 D.R. Couch TITLE Admin. Analyst (SG)DATE 8-29-78

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_

APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_

TITLE \_\_\_\_\_

0+5 USGS-Hobbs  
1 Div. 0.  
1 Suspense  
1 BC

\*See Instructions On Reverse Side

APPROVED  
AS AMENDED  
SEP 7 1978  
A. A. L.  
ACTING DISTRICT ENGINEER