

UNI STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

5. LEASE DESIGNATION AND SERIAL NO.  
**300602-SLU-5**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. LEASE AGREEMENT NAME

8. NAME OF LEASE NAME  
**BATE FEDERAL**

9. WELL NO.  
**3**

10. FIELD AND POOL, OR WILDCAT  
**EAST GEM YATES**

11. SEC., T., R., M., OR B.L.K.  
AND SURVEY OR AREA  
**35-19-33 NMPM**

12. COUNTY OR PARISH 13. STATE  
**LEA N.M.**

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK **RE-ENTER P&A WELL**

DRILL  DEEPEN  PLUG BACK

b. TYPE OF WELL

OIL WELL  GAS WELL  OTHER **SALT WATER DISPOSAL** SINGLE ZONE  MULTIPLE ZONE

2. NAME OF OPERATOR  
**Amoco Production Company**

3. ADDRESS OF OPERATOR  
**BOX 68, HOBBS, N. M. 88240**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
At surface  
**330' FNL x 1980' FWL Sec. 35 (UNIT C; NE/4 NW/4)**  
At proposed prod. zone

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

10. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED TO THIS WELL

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

19. PROPOSED DEPTH  
**3514'**

20. ROTARY OR CABLE TOOLS  
**WORK OVER RIG**

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
**3604' R. D. B**

22. APPROX. DATE WORK WILL START\*

23. PROPOSED CASING AND CEMENTING PROGRAM **LEFT IN ORIGINAL HOLE**

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/2"	9 5/8"	32.3 #	1315'	450 Sx. Cmc
8 3/4"	7"	17-20 #	3051'	350 Sx TCMT 475 APPX
6 1/4"	4 1/2" (Liner)	9.5 #	2921-3483'	100 Sx Cmc.

THIS WELL DRILLED ORIGINALLY AS AMOCO'S GORMAN FEDERAL WELL No. 1 (NM-030991)

PROPOSE TO RE-ENTER AND DEEPEN FROM 3484 TO 3514. WELL TO BE USED AS A SALT WATER INJECTION WELL. WATER INJECTION TO BE INTO OPEN HOLE INTERVAL 3484-3514'.

NMOCC ORDER No. R-4356 IS STATE OF NM AUTHORITY.

INJECTION TO BE ACCOMPLISHED THROUGH 2 3/8" PLASTIC LINED TUBING SET IN A PACKER @ APPX. 3300'. CASING-TUBING ANNULUS TO BE FILLED W/ INERT FLUIDS AND PRESSURE GAUGES INSTALLED.

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 SUPERINTENDENT** DATE **10-13-72**

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

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

CONDITIONS OF APPROVAL, IF ANY:

0+4 USGS- H  
1- DIV  
1- JUSP  
1- RRY

**APPROVED**  
OCT 20 1972  
ARTHUR R. BROWN  
DISTRICT ENGINEER

\*See Instructions On Reverse Side

**RECEIVED**

OCT 31 1972

**OIL CONSERVATION COMM.  
HOBBBS, N. M.**