

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

2. NAME OF OPERATOR
 JACK PLEMONS ✓

3. ADDRESS OF OPERATOR
 1010 West Avenue H, Lovington, New Mexico 88260

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface: 1650' FNL & 990' FEL of Sec. 3-19S-31E (SE 1/4 NE 1/4)
 At proposed prod. zone: same (Unit H)

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 10 air miles southeast of Loco Hills, New Mexico

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 330'

16. NO. OF ACRES IN LEASE 79.75

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. 660'

19. PROPOSED DEPTH 4000' Grayburg

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3608' G.L.

22. APPROX. DATE WORK WILL START* September 1, 1983

RECEIVED BY
SEP 01 1983
O. C. D.
ARTESIA, OFFICE

5. LEASE DESIGNATION AND SERIAL NO. L.C. 029353(a) *C/87*

6. IF INDIAN, ALLOTTEE OR TRIBE NAME ---

7. UNIT AGREEMENT NAME ---

8. FARM OR LEASE NAME McFADDEN FEDERAL

9. WELL NO. 7

10. FIELD AND POOL, OR WILDCAT Shugart (Y-SR-Q-Gb)

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 3-19S-31E

12. COUNTY OR PARISH Eddy

13. STATE N.M.

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8 5/8"	24#	700'	Sufficient to circulate
7 5/8"	5 1/2"	14#	4000'	Sufficient to tie back

Producing zone will be perforated and stimulated as necessary.

- Attached are:
1. Well Location and Acreage Dedication Plat
 2. Supplemental Drilling Data
 3. Surface Use Plan

RECEIVED

AUG 12 1983

OIL & GAS

ROSWELL, NEW MEXICO

*Posted a #2
9-1-83*

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 James A. Knaufl TITLE Agent DATE August 8, 1983
 (This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
 APPROVED BY A. D. Lopez TITLE _____ DATE 8/30/83
 CONDITIONS OF APPROVAL, IF ANY:

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED