

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-025-27191

5. LEASE DESIGNATION AND SERIAL NO.
LC054453

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Duthie Andrews WN

9. WELL NO.

5

10. FIELD AND POOL, OR WILDCAT

Langlie Mattix 7R Qn

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

Sec 18-T23S-R37E

12. COUNTY OR PARISH 13. STATE

Lea

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 ARCO Oil & Gas Company

Division of Atlantic Richfield Company

3. ADDRESS OF OPERATOR

P. O. Box 1710, Hobbs, New Mexico 88240

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

660' FSL & 785' FEL (Unit Ltr "P")

At proposed prod. zone
As Above

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

9 miles S of Eunice

15. DISTANCE FROM PROPOSED*

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

660'

16. NO. OF ACRES IN LEASE

320

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.

1800' NW

19. PROPOSED DEPTH

3750'

20. ROTARY OR CABLE TOOLS

Rotary

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

3314' GR

22. APPROX. DATE WORK WILL START*

12/1/80

23.

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# K-55	1200'	675 sx Circ to surf
7-7/8"	5 1/2"	15.5# K-55	3750'	1100 sx Circ to surf

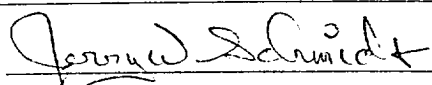
Proposed to drill development well and test producing capabilities of Langlie Mattix 7R Queen formation.

Blowout preventer program attached.

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 Dist. Drlg. Supt.

DATE 11/13/80

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY (Sgd.) GEORGE H. STEWART

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

DEC 10 1980