

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 ☐SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Adam K. Grafe Associates, Inc. & The Wil-Mc Oil Corp.

3. ADDRESS OF OPERATOR

3900 Lemmon Avenue, Dallas, Texas 75219

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

At surface

660' FEL 1980' FSL, Sec. 8, T8S, R33E, Chaves Co.,

At proposed prod. zone

same

N.M.

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

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.

660'

(Also to nearest drilg. unit line, if any)

16. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.none on
lease

16. NO. OF ACRES IN LEASE

80

19. PROPOSED DEPTH

4500'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary

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

4423 G

22. APPROX. DATE WORK WILL START*

Immediately

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"	32	300	350
7-7/8"	5-1/2"	15.5	4500	200

1. Drill 12-1/4" hole to 300' or 50' into Triassic redbeds.
2. Set & cement surface casing - circulate cement.
3. WOC 12 hrs - nipple up blowout preventer & test casing to 1000 psi.
4. Drill 7-7/8" hole to 4500'.
5. Run GR-sonic, laterlog, microlaterlog.
6. Set & cement 5-1/2" casing.
7. Perforate pay zone.
8. Acidize & test.

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

Vice President

DATE

June 14, 1967

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

JUN 16 1967

*See Instructions On Reverse Side
J. L. GORDON
ACTING DISTRICT ENGINEER