

N. M. Oil Cons. Division

Form 3160-3
(July 1992)

811 S. 1ST ST.
ARTESIA, NM 88210-2
SUBMIT IN THIS DATE
(Other instructions on reverse side)

FORM APPROVED
OMB NO. 1004-0136
Expires: February 28, 1995

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

RECEIVED

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK
DRILL ☒ DEEPEN ☐ MAY 13 1997

b. TYPE OF WELL
OIL WELL ☐ GAS WELL ☒ OTHER ☐ MULTIPLE ZONE ☐ DIST. 2

2. NAME OF OPERATOR
UMC PETROLEUM CORPORATION (SCOTT WEBB)

3. ADDRESS AND TELEPHONE NO.
410 17th St. STE 1400, Denver, Co. 80202 Ph (303) 570-5100

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At surface
660' FSL & 1650' FEL Sec. 22 T18S R31E Eddy Co., NM
At proposed prod. zone
same Unit 0

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE
10 miles Southeast of Loco Hills, N.M.

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
640

17. NO. OF ACRES ASSIGNED TO THIS WELL
320

18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
300'

19. PROPOSED DEPTH
11,850'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
3651' GR

22. APPROX. DATE WORK WILL START
as soon as approved

5. LEASE DESIGNATION AND SERIAL NO.
NM-014103

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.
Shugart "22" Federal #1

9. API WELL NO.
30-015--29610

10. FIELD AND POOL, OR WILDCAT
Shugart Morrow 85300

11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA
Sec 22 T18S R31E

12. COUNTY OR PARISH
Eddy Co.

13. STATE
N.M.

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
25"	Conductor 20"	NA	40'	Cement to surface w/Redi-Mix
17 1/2"	H-40 13-3/8"	48	800'	600 sx Circulate to
12 1/2"	S-80 J-55 8-5/8"	32	4800'	1980 sx " " WITNESS
7-7/8"	N-80 S-95 5 1/2"	17	11,850'	1175 sx Est. top cement 4700'

- Drill 25" hole through the unconsolidated zone 40" \pm . Set 40+' of 20" conductor. Cement to surface with Redi-Mix cement.
- Drill 17 1/2" hole to 800'. Run & set 800' of 13-3/8" H-40 48# ST&C casing. Cement with 400 sx Class "C" + 8% Gel + 2% CaCl + 1/4# Flocele/sx. Tailin with 200 sx Class "C" + 2% CaCl. Circulate cement to surface.
- Drill 12 1/2" hole to 4800'. Run & set 4800' of 8-5/8" J-55 & S-80 32# ST&C casing. Cement with 1655 sx 35/65 POZ + 3% salt + 1/4# Flocele/sx. Tailin with 325 sx of Class "C" + 1% CaCl, circulate cement to surface.
- Drill 7-7/8" hole to 11,850'. Run & set 11,850' of 5 1/2" N-80 & S-95 17# LT&C & Buttress casing. Cement in two stages, stage tool @ 9500'. Cement 1st stage with 250 sx 50-50 POZ + 10% salt + .25% dispersant + 2% Gel, tailin with 200 sx Class "H" + 10% salt + .25% dispersant. Cement 2nd stage with 360 sx 35/65 POZ Class "C" tail in with 365 sx 50-50 POZ + 10% salt + .25% dispersant + 2% Gel. Estimated top of cement 4700'.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, 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 Joe J. Jauris Agent TITLE Agent DATE 04/21/97
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
CONDITIONS OF APPROVAL IF ANY:

APPROVED BY (ORIG. SGD.) JAMES G. PETTENGILL TITLE ADM, MINERALS DATE 5/9/97

*See Instructions On Reverse Side