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LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease
STATE FEE *

5. State Oil & Gas Lease No.
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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
Grace Petroleum Corporation

3. Address of Operator
P. O. Drawer 2358, Midland, Texas 79702

4. Location of Well
UNIT LETTER P LOCATED 660 FEET FROM THE South LINE
AND 760 FEET FROM THE East LINE OF SEC. 25 TWP. 20-S RGE. 32-E NMPM

7. Unit Agreement Name

8. Farm or Lease Name
Felmont Federal

9. Well No.
2

10. Field and Pool, or Wildcat
Salt Lake Morrow, S.

12. County
Lea

19. Proposed Depth
14,100' **

19A. Formation
Morrow

20. Rotary or C.T.
Rotary

21. Elevations (Show whether DF, RT, etc.)
3587' GR

21A. Kind & Status Plug. Bond
Blanket on file

21B. Drilling Contractor
NA

22. Approx. Date Work will start
Upon Approval

23. PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
26"	20"	94#	1200'	2210	circulate
17 1/2"	13 3/8"	48#	2800'	1730	circulate
12 1/4"	9 5/8"	53.5#	5200'	1800	circ (2 stages)
8 1/2"	5 1/2"	17, 20 & 23#	14100'	913	10,000'

* Surface location will be on Fee acreage as follows: 660' FSL & 760' FEL of Section 25, T-20-S, R-32-E N.M.P.M.

Bottom Hole location will be under Federal acreage (Federal Lease NM-15907) as follows: Bottom of hole will be in the approximate center of the SW/4 of the same Section 25 (within a target of 200' radius and 3200' from the surface location in a direction of N 79° W).

Acreage Dedication: 160 acres of Federal Lease NM-15907 (N/2 of proration unit) and 160 acres of State Lease L 6452 (S/2 of proration unit)

** T.D. 14,100' TVD 13,600'

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,

EXPIRES 9/17/79

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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed Buddy J. Knight Title District Production Manager Date 4-16-79

(This space for State Use)

APPROVED BY Lester V. Clements TITLE OIL & GAS INSPECTOR DATE JUN 18 1979

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

APR 26 1979

OIL CONSERVATION COMM.
DALLAS, N. M.