

OCT 08 '87

O. C. D.
/SANTA FE, OFFICE

Form C-101

30-005-62455

3A. Indicate Type of Lease

STATE ☒ FEDERAL ☐

3. State Oil & Gas Lease No.

LG-5561

7. Unit Agreement Issue

8. Form or Lease Name

Ruffin State

9. Well No.

4

10. Field and Pool, or Wildcat
W. Pecos Slope-Abo

12. County

Chaves

19. Proposed Depth

3,400'

15A. Formation

Abo

20. Rotary or C.T.

Rotary

21. Elevations (Show Weather DP, KT, etc.)

4163' GR

21A. Kind & Status Plug. bond

Blanket

21B. Drilling Contractor

Grande Drilling

22. Approx. Date Work will start

November 28, 1987

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/4"	8 5/8"	24.0# J-55	850' ±	450 sx	Surface
7 7/8"	4 1/2"	9.5# J-55	T.D.	150 sx	600' above T/Pay

1. Drill 12 1/4" hole to 850' and run 8 5/8" casing and cement to surface.
2. Wait on cement for 18 hours.
3. Nipple up on 8 5/8" casing using a Double Ram Blow-out Preventer and pressure test casing to 1000 psi for 30 minutes.
4. Drill 7 7/8" hole to 3,400' to adequately test the Abo formation.
5. Run 4 1/2" casing if warranted and cement to 600' above top of pay section and or to isolate all oil, gas and water zones.

ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTION 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 Terry W. Franklin Title Landman Date September 30, 1987

(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 4-8-88
UNLESS DRILLING UNDERWAY