



DEPARTMENT OF NATURAL RESOURCES
CONSERVATION COMMISSION
STATE OF COLORADO

6

**APPLICATION
FOR PERMIT TO DRILL, DEEPEN, OR REENTER AND OPERATE**

1a. TYPE OF WORK
DRILL **DEEPEN** **REENTER**

b. TYPE OF WELL
 OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR: **Northwest Exploration Company** PHONE NO.: **505 327-5351**

3. ADDRESS OF OPERATOR: **P.O. Box 90 - Farmington, New Mexico 87401**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
 At surface: **1606' FWL & 1445' FNL**
 At proposed prod. zone: **Same as above.** *SE NW*

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE
16 SSE Rangely, Colorado

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
 (Also to nearest drig. line, if any) **+ 2180'**

16. NO. OF ACRES IN LEASE* **2240**

17. NO. OF ACRES AND/OR DRILLING UNIT ASSIGNED TO THIS WELL **160**

18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. **2600'**

19. PROPOSED DEPTH **3390'**

20. ROTARY OR CABLE TOOLS **Rotary**

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
6198' GR

5. LEASE DESIGNATION AND SERIAL NO.
USA C-12997

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Philadelphia Creek

9. WELL NO.
12

10. FIELD AND POOL, OR WILDCAT
Unnamed

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 12, T2S, R10W

12. COUNTY
Rio Blanco

13. STATE
Colorado

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	150	75 sks
6 3/4	2 7/8	6.5	3390	300 sks

WDR	ART
FJP	✓
HIM	2
JAM	✓
JJD Plot tool	
GCH	
CGM	

* DESCRIBE LEASE
 This well will be drilled to total depth with an inhibited mud. In the event of possible production a string of 2 7/8" casing will be run and cemented as required. The Mancos 'B' will then be perforated and stimulated as necessitated. A double gated BOP will be installed on surface casing and used for subsequent drilling operations.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or reenter and operate, 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.

In accepting this permit the applicant agrees to fully abide by the requirements and rules of this Commission governing this permitted operation including his responsibility to prevent pollution of state waters during drilling, treating, testing, and producing operations and by the casing, cementing and plugging requirements particularly designed for the protection of state waters and the prevention of intermingling of the contents of all the various zones encountered in this permitted operation.

24. SIGNED W. Luna TITLE Engineer DATE 5-13-77

(This space for Federal or State Office use)

PERMIT NO. 77 640 APPROVAL DATE DIRECTOR

APPROVED BY W. Rogers TITLE O & G CONS. COMM. DATE JUN 28 1977

CONDITIONS OF APPROVAL, IF ANY:

A.P.I. NUMBER
05 103 8060

See Instructions On Reverse Side

77-640