

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-039-21296
5. LEASE DESIGNATION AND SERIAL NO.
Jicarilla Apache Tribal
Contract 123
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Jicarilla Apache

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
 Northwest Production Corporation

3. ADDRESS OF OPERATOR
 PO Box 990, Farmington, NM 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
 At surface 990'N, 1600'W
 At proposed prod. zone

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

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

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED TO THIS WELL 162.04

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

19. PROPOSED DEPTH 3455'

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 6855' GR

22. APPROX. DATE WORK WILL START*

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
 Jicarilla 123 C

9. WELL NO.
 23

10. FIELD AND POOL, OR WILDCAT
 So. Blanco Pic. Cliffs

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Sec. 5, T-25-N, R-4-W
 NMPM

12. COUNTY OR PARISH 13. STATE
 Rio Arriba NM

PROPOSED CASING AND CEMENTING PROGRAM

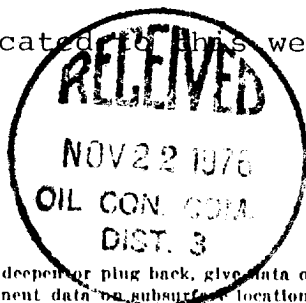
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24.0#	120'	105 cu.ft. circ. to surface
6 3/4"	2 7/8"	6.4#	3215'	170 cu.ft., 50% excess to cover Ojo Alamo formation.

Selectively perforate and sandwater fracture the Pictured Cliffs formation.

A 3000 psi WP and 600 psi test double gate preventer equipped with blind and pipe rams will be used for blow out prevention on this well.

The NW/4 of Section 5 is dedicated to this well.

This gas is dedicated.



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 DURANGO, COLO.

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 A. G. Sisco TITLE Drilling Clerk DATE November 18, 1976

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

deal

WELL LOCATION AND ACREAGE DEDICATION PLAT

Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

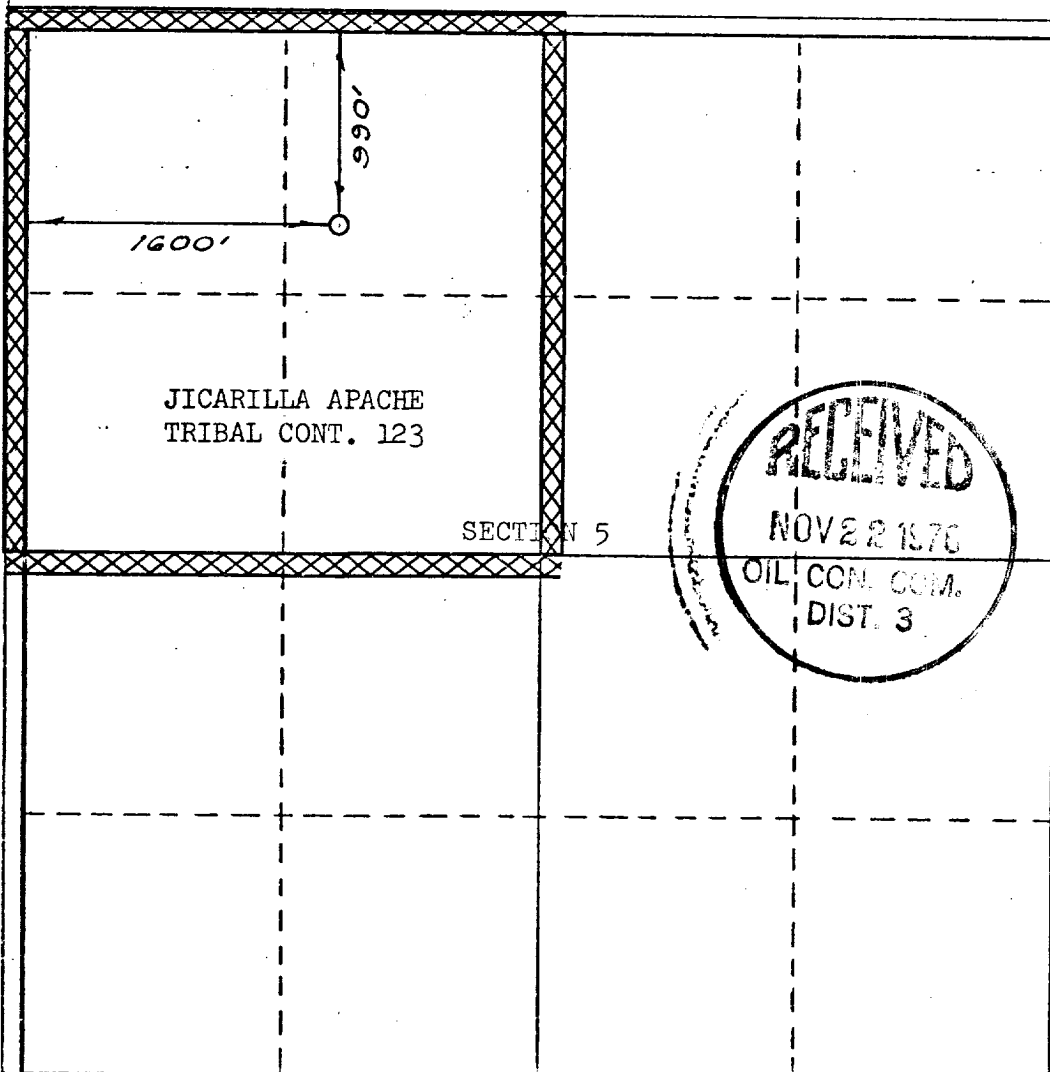
Operator NORTHWEST PRODUCTION CORPORATION		Lease JICARILLA 123 C		JICARILLA APACHE TRIBAL CONT. 123		Well No. 23	
Unit Letter C	Section 5	Township 25-N	Range 4-W	County RIO ARRIBA			
Actual Footage Location of Well: 990 feet from the NORTH line and 1600 feet from the WEST line							
Ground Level Elev. 6885	Producing Formation PICTURED CLIFFS		Pool SO. BLANCO PICTURED CLIFFS		Dedicated Acreage: 162.04 Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

Yes No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

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

Original Signed by
D. G. Britton

Name Drilling Clerk
Position Northwest Production
Company November 18, 1976
Date

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed OCTOBER 11, 1976
Registered Professional Engineer and/or Land Surveyor
Certificate No. 1760

