

Northwest Production Corporation  
Box 1796, El Paso, Texas 79949

March 2, 1967



Mr. A. L. Porter  
Oil Conservation Commission  
Post Office Box 2088  
Santa Fe, New Mexico

Re: Jicarilla 119 N #13  
Tapacito Pictured Cliffs Pool

Dear Mr. Porter

Pursuant to the Commission's Order No. R-1193, Rule 3(B), request is made for administrative approval to drill the captioned well at an unorthodox location 2140 feet from the North line and 1270 feet from the West line of Section 8, Township 26 North, Range 4 West, Rio Arriba County, New Mexico.

The reason for this request is that any location within the area required by Rule 3(A) for an orthodox location would be on a steep slope or at an elevation above 7100 feet and could be reached by the most convenient route from Farmington only by building an expensive road up the slope or by traveling over existing roads approximately five miles farther than would be necessary to reach the proposed location at an elevation of 6850 feet.

The ownership of all oil and gas leases within a radius of 790 feet of the proposed location is common with the ownership of the oil and gas lease under the proposed location.

Very truly yours,

NORTHWEST PRODUCTION CORPORATION

*RH Nordhausen*

R. H. Nordhausen, Manager  
Land Department

RHN/jap



Figure 1. The effect of the concentration of the *Agrobacterium* suspension on the transformation efficiency of *Agrobacterium* strains. The concentration of the *Agrobacterium* suspension was 10<sup>6</sup> cells/ml (a), 10<sup>7</sup> cells/ml (b), 10<sup>8</sup> cells/ml (c), and 10<sup>9</sup> cells/ml (d). The concentration of the *Agrobacterium* suspension was 10<sup>6</sup> cells/ml (a), 10<sup>7</sup> cells/ml (b), 10<sup>8</sup> cells/ml (c), and 10<sup>9</sup> cells/ml (d). The concentration of the *Agrobacterium* suspension was 10<sup>6</sup> cells/ml (a), 10<sup>7</sup> cells/ml (b), 10<sup>8</sup> cells/ml (c), and 10<sup>9</sup> cells/ml (d).

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

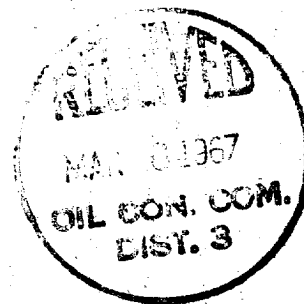
## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK <b>DRILL</b> <input checked="" type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/> <b>PLUG BACK</b> <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO.
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME <b>JICANILLA 119 N</b>
2. NAME OF OPERATOR <b>Northwest Production Corporation</b>		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR <b>Box 1796, El Paso, Texas 79949</b>		8. FARM OR LEASE NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface <b>2140' fml and 1270' fwl, Sec 8, T26N R4W</b> At proposed prod. zone		9. WELL NO. <b>13</b>
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* <b>75</b>		10. FIELD AND POOL, OR WILDCAT <b>TABACITO FC</b>
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. line, if any) <b>500</b>	16. NO. OF ACRES IN LEASE <b>2587.14</b>	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>SEC 8 T26N R4W</b>
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. <b>1490</b>	19. PROPOSED DEPTH <b>3630</b>	12. COUNTY OR PARISH <b>RIO ARriba</b>
21. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>UNGRADED GROUND 6850</b>		13. STATE <b>NEW MEXICO</b>
20. ROTARY OR CABLE TOOLS <b>ROTARY</b>		17. NO. OF ACRES ASSIGNED TO THIS WELL <b>160</b>
22. APPROX. DATE WORK WILL START* <b>APRIL 1, 1967</b>		

## 23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4	7-5/8 OD	24#	140	100 SK
6-3/4	2-7/8 OD	6.50#	3630	100 SK

Will water-sand frac Pictured Cliffs sand for completion.



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 R. H. Nordhausen TITLE Mgr., Land Dept. DATE MAR 8 1967

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

## Instructions

**General:** This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

**Item 1:** If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 14:** Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

**Items 15 and 18:** If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

**Item 22:** Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

**NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACERAGE DEDICATION PLAT**

All distances must be from the outer boundaries of the Section

Operator <b>NORTHWEST PRODUCTION CO.</b>			Lease <b>JICARILLA 119 N</b>		Well No. <b>13</b>
Unit Letter <b>E</b>	Section <b>8</b>	Township <b>26 N</b>	Range <b>4 W</b>	County <b>RIO ARriba</b>	
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between;"> <span><b>2140</b> feet from the <b>NORTH</b> line and</span> <span><b>1270</b> feet from the <b>WEST</b> line</span> </div>					
Ground Level Elev. <b>6850</b>	Producing Formation <b>PICTURED CLIFF</b>	Pool <b>TAPACITO</b>	Dedicated Acreage: <b>NW<math>\frac{1}{4}</math> (160)</b> 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 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 interest, has been approved by the Commission.



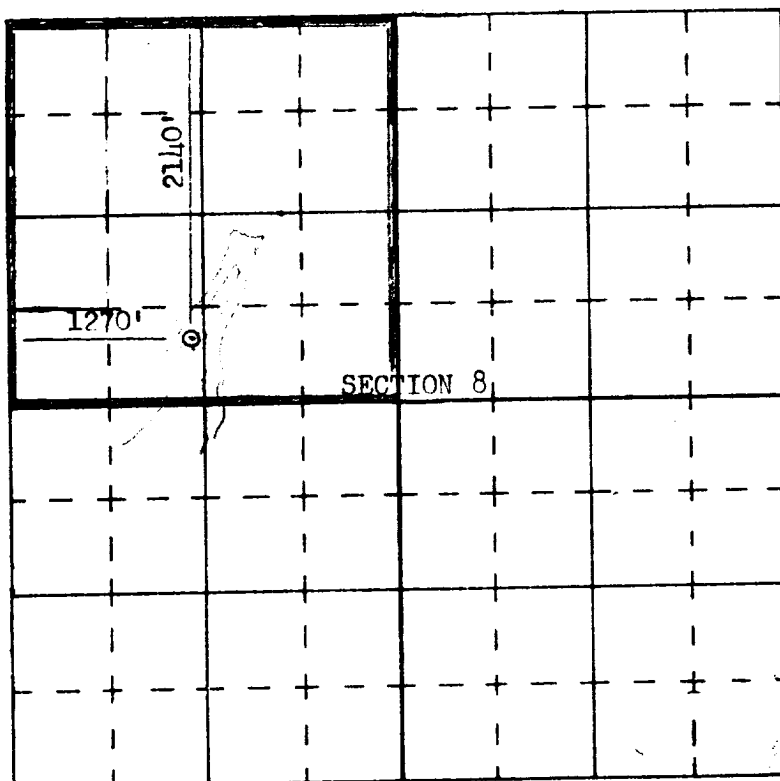
**CERTIFICATION**

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

*R. H. Nordhausen*  
 Name R. H. Nordhausen  
 Position Mgr., Land Dept.  
 Company NORTHWEST PRODUCTION CORPORATION  
 Date MAR 3 1967

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.

February 28, 1967  
 Date Surveyed *Stephen H. Kinney*  
**Stephen H. Kinney**  
 Registered Professional Engineer  
 and/or Land Surveyor



Non- Standard location by reason of extremely rough terrain. *PHK*



**N.M. 803**

Certificate No. \_\_\_\_\_