

September 18, 1956

**Oil Conservation Commission
State of New Mexico
P. O. Box 871
Santa Fe, New Mexico**

Attention: Mr. A. L. Porter

Gentlemen:

Northwest Production Corporation respectfully requests a hearing on October 17, 1956, before the New Mexico Oil Conservation Commission for the purpose of considering the completion of Northwest Production Corporation's Well "W" 2-5 in the Pictured Cliffs, Mesaverde and Dakota formations.

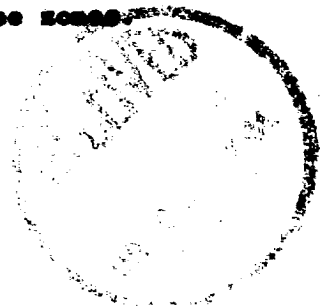
Well "W" 2-5 is located 990 feet from the North line and 1650 feet from the East line in the NW/4 of the NE/4 of Section 5, T26N, R5W, Rio Arriba County, New Mexico. Copy of this request for hearing is being furnished owners of mineral rights to offsetting acreage, namely:

**El Paso Natural Gas Company, Box 1492, El Paso, Texas
Humble Oil & Refining Company, Box 1690, Midland, Texas
Southern Petroleum Exploration, Inc., Box 192, Sistrerville, W. Virginia**

Tentative approval for dually completing well "W" 2-5 in the Pictured Cliffs and Mesaverde formations was granted July 20, 1956, by Mr. Emery C. Arnold. In order to test for additional reserves, the well has been drilled to total depth of 7678 feet with 7-5/8" OD intermediate casing cemented at 3391 feet and 5-1/2" OD production liner hung at 3283 feet and cemented at total depth. Top of the liner was then squeeze cemented and tested.

The procedure for completing well "W" 2-5 to produce the three formations would be as follows:

- 1. Selectively perforate the 5-1/2" casing and fracture the Dakota formation in two zones.**
- 2. Set a temporary bridge plug at 5455 feet, selectively perforate the 5-1/2" casing and fracture the Mesaverde formation in three zones.**



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113-413024

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1. The first step in the process of identifying a problem is to determine the nature of the problem. This involves a thorough understanding of the situation and the factors that are contributing to the problem. Once the nature of the problem is understood, the next step is to identify the causes of the problem. This involves a detailed analysis of the situation and the factors that are contributing to the problem. Once the causes of the problem are identified, the next step is to develop a plan of action to address the problem. This involves identifying the steps that need to be taken to address the problem and the resources that will be needed to implement the plan. Once a plan of action has been developed, the next step is to implement the plan. This involves carrying out the steps that have been identified in the plan of action. Finally, the last step in the process is to evaluate the results of the plan. This involves assessing the effectiveness of the plan and making any necessary adjustments.

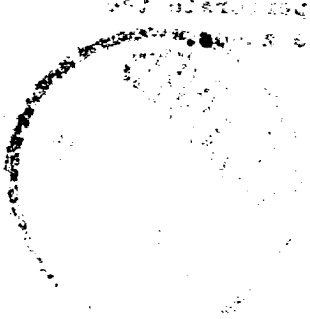
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Would be as follows:

The procedure of "redaction" and "blackening out" is to provide for a "redaction" and "blackening out" of the information.

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DATE 08-01-2001 BY 60322

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DATE 08-10-2001 BY 60322 UCBAW



3. Set a temporary bridge plug at 3200 feet, perforate the 7-5/8" casing and fracture the Pictured Cliffs formation.

4. Drill out temporary bridge plugs and clean out to total depth.

5. Set Baker packer on wire line above the Dakota formation at approximately 7400 feet.

6. Run 2-7/8" OD EUE tubing set at approximately 7467 feet with anchor type packer set above the Mesaverde formation at approximately 4800 feet. An Otis side-door choke will be run below the anchor packer at approximately 4830 feet.

7. 1-1/4" OD non-upset tubing will be run inside the 2-7/8" tubing and set in the side-door choke at 4830 feet with a pack-off to separate the 1-1/4" tubing from the 1-1/4" x 2-7/8" tubing-tubing annulus, thereby allowing the Dakota formation to flow through the 1-1/4" tubing and the Mesaverde to flow through the 1-1/4" x 2-7/8" tubing-tubing annulus.

8. A second string of 1-1/4" OD non-upset tubing will be run inside the 2-7/8" tubing x 7-5/8" casing annulus to a depth of approximately 3130 feet to produce the Pictured Cliffs formation.

9. It is planned to use a dual-string tree which is so arranged that pressures may be obtained on all three formations.

Completion of well "W" 2-3 in the manner outlined will permit Northwest Production Corporation to produce the three formations from one well, thereby effecting considerable reduction in drilling costs.

Very truly yours,

NORTHWEST PRODUCTION CORPORATION

ORIGINAL SIGNED BY
W. R. JOHNSTON

W. R. Johnston, Manager
Production Operations

WBJ/EP/at
In triplicate
Encl.

cc: El Paso Natural Gas Company
Humble Oil & Refining Company
Southern Petroleum Exploration, Inc.
U. S. Geological Survey
Oil Conservation Commission, Astor, N. M.



The following information was obtained from the records of the Department of the Interior, Bureau of Land Management, regarding the land in question:

The land in question is located in the County of [County Name], State of [State Name].

The land is situated in the [Section Number] of the [Township Name] and [Range Name], [County Name], [State Name].

The land is owned by [Owner Name], who is the [Relationship] of [Relationship Name]. The land is situated in the [Section Number] of the [Township Name] and [Range Name], [County Name], [State Name].

The land is situated in the [Section Number] of the [Township Name] and [Range Name], [County Name], [State Name]. The land is owned by [Owner Name], who is the [Relationship] of [Relationship Name].

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The land is situated in the [Section Number] of the [Township Name] and [Range Name], [County Name], [State Name]. The land is owned by [Owner Name], who is the [Relationship] of [Relationship Name].

Very truly yours,

[Signature]

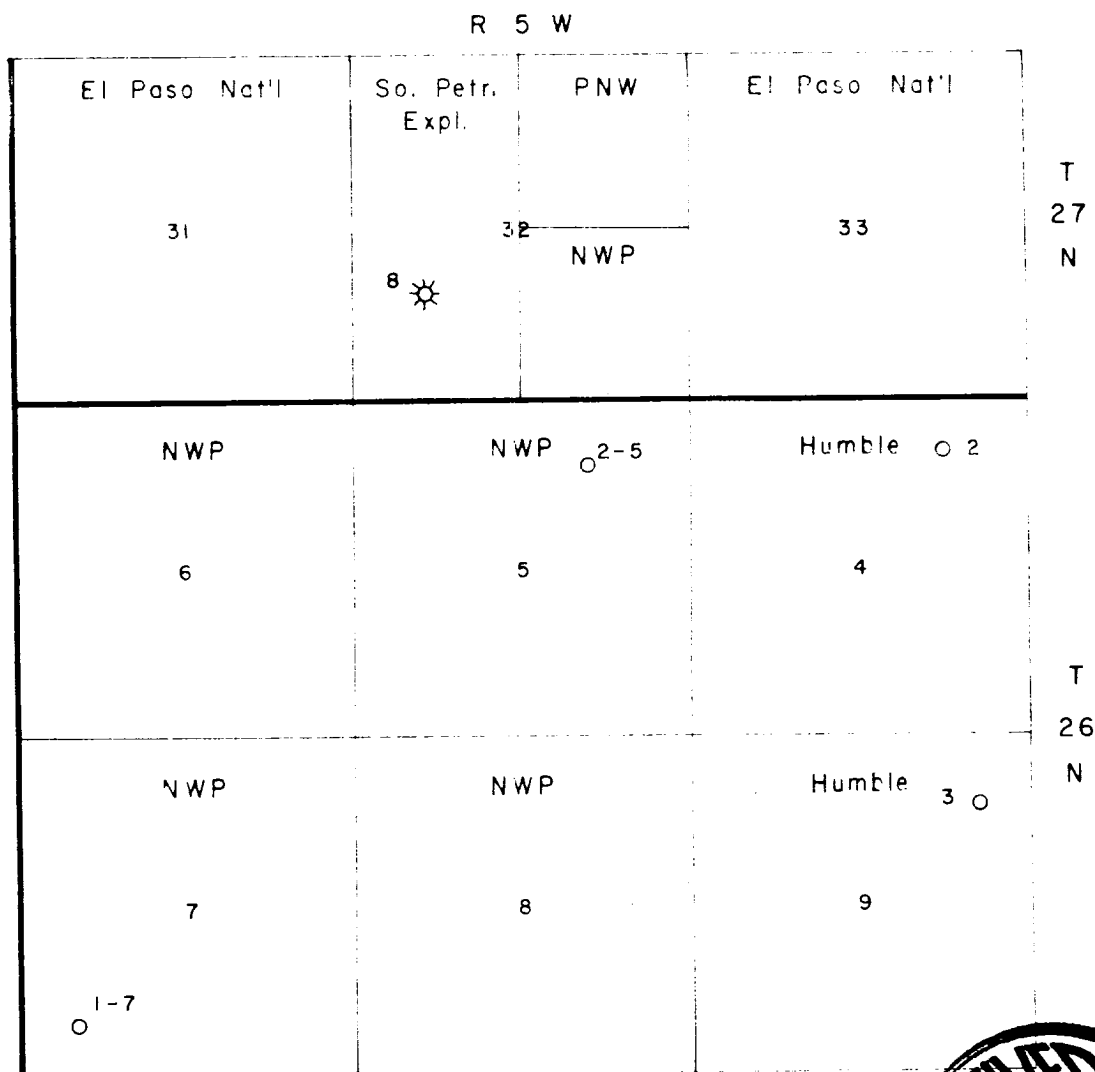
[Name]
[Title]

[Address]
[City, State, Zip]

[Signature]
[Name]
[Title]

The following information was obtained from the records of the Department of the Interior, Bureau of Land Management, regarding the land in question:





LOCATION AND OWNERSHIP PLAT FOR
"W" WELL 2-5 IN SECTION 5 OF
T 26 N AND R 5 W WITH WORKING
INTEREST RIGHTS TO BASE OF
DAKOTA FORMATION

NORTHWEST PRODUCTION CORPORATION
ALBUQUERQUE, NEW MEXICO

APPLICATION FOR TRIPLE GAS COMPLETION
OF "W" WELL 2-5 IN PICTURED CLIFFS,
MESAVERDE AND DAKOTA FORMATIONS

RIO ARriba COUNTY
NEW MEXICO

CONTRACT # 152

DRAWN: W.H. MCGAHEY
APPROVED: RAY PHILLIPS

SCALE 1" = 3000'
DATE: 9-18-56