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on 10/17/16

MAIL OFFICE NORTHWEST PRODUCTION CORPORATION

ALBUQUERQUE, NEW MEXICO

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September 18, 1956

REPLY TO:
520 SIMMS BUILDING
ALBUQUERQUE, NEW MEXICO

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

Exc to Rule 112(A)

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 1600, Midland, Texas
Southern Petroleum Exploration, Inc., Box 192, Sistersville, 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. Emory 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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3. Set a temporary bridge plug at 3280 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 7462 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 3150 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" 2-5 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


W. R. Johnston, Manager
Production Operations

WRJ/RP/nt

In triplicate

Encl.

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

R 5 W				T 27 N
El Paso Nat'l 31	So. Petr. Expl. 8 ☀	PNW 32 NWP	El Paso Nat'l 33	
NWP 6	NWP ○ ²⁻⁵ 5	Humble ○ 2 4	T 26 N	
NWP 7 ○ ¹⁻⁷	NWP 8	Humble 3 ○ 9		

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

DOCKET: REGULAR HEARING OCTOBER 17, 1956

Oil Conservation Commission 9:00 a.m., Mabry Hall, State Capitol, Santa Fe

- ALLOWABLE: (1) Consideration of the oil allowable for November, 1956.
- (2) Consideration of the allowable production of gas from the six prorated pools in Lea County, New Mexico, for November, 1956; also consideration of the allowable production of gas from the six prorated pools in San Juan and Rio Arriba Counties, New Mexico, for November, 1956.

NEW CASES

CASE 1161: Application of Northwest Production Corporation for an order authorizing a triple gas completion in the SW/4 of Section 7, Township 26 North, Range 5 West, Rio Arriba County, New Mexico, in exception to Rule 112-A of the New Mexico Oil Conservation Commission Rules and Regulations. Applicant, in the above-styled cause seeks an order granting permission to effect a triple gas completion of its Jicarilla "W" 1-7 Well located 800 feet from the South line and 920 feet from the West line of Section 7, Township 26 North, Range 5 West, Rio Arriba County, New Mexico. The proposed producing horizons are the South Blanco-Pictured Cliffs Gas Pool and the Mesaverde and Dakota formations of two presently undesignated gas pools in the SW/4 of said Section 7. Applicant proposes to produce Pictured Cliffs gas through one small string of tubing, Dakota gas through another small string of tubing inside one larger string of tubing and Mesaverde gas through the tubing-tubing annulus.

CASE 1162: Application of Northwest Production Corporation for an order authorizing a triple gas completion in the NE/4 of Section 5, Township 26 North, Range 5 West, Rio Arriba County, New Mexico, in exception to Rule 112-A of the New Mexico Oil Conservation Commission Rules and Regulations. Applicant, in the above-styled cause, seeks an order granting permission to effect a triple gas completion of its Jicarilla "W" 2-5 Well located 990 feet from the North line and 1650 feet from the East line of Section 5, Township 26 North, Range 5 West, Rio Arriba County, New Mexico. The proposed producing horizons are the Pictured Cliffs, Mesaverde and Dakota formation of three presently undesignated gas pools in the NE/4 of said Section 5. Applicant proposes to produce Pictured Cliffs gas through one small string of tubing, Dakota gas through another small string of tubing inside one larger string of tubing and Mesaverde gas through the tubing-tubing annulus.

CASE 1163: Application of the Oil Conservation Commission of the State of New Mexico on its own motion for an order amending Rule 701 of the Statewide Rules and Regulations. Applicant, in the above-styled cause, seeks an order amending Rule 701 to provide, under certain conditions, for administrative approval of salt water disposal projects without the necessity of a hearing.

CASE 1164: Application of the Oil Conservation Commission of New Mexico on its own motion for an order revising the proration rules contained in the Special Rules and Regulations for all prorated gas pools in the State of New Mexico. Applicant, in the above-styled cause, seeks an order revising the proration rules in the Special Rules and Regulations for the following gas pools in San Juan, Rio Arriba and Lea Counties, New Mexico:

Aztec-Pictured Cliffs	Eumont
South Blanco-Pictured Cliffs	Jalmat
Fulcher Kutz-Pictured Cliffs	Blinebry
West Kutz-Pictured Cliffs	Tubb
Ballard-Pictured Cliffs	Justis
Blanco-Mesaverde	Byers-Queen

Applicant proposes to revise the present procedure in the following particulars:

1. Format of the Monthly Gas Proration Schedule
2. Method of determining whether a gas well is marginal.
3. Method of determining cancellable underage.
4. Method of determining when overproduced well should be shut-in.
5. Method of determining whether a well is in balance.
6. Procedure for assigning gas well allowables.

CASE 1165: Northwestern New Mexico nomenclature case calling for the extension of existing pools in San Juan and Rio Arriba Counties, New Mexico.

(a) Extension of the Tapacito-Pictured Cliffs Pool to include:

Township 25 North, Range 3 West
Section 3: W/2
Section 4: S/2
Section 9: N/2

Township 25 North, Range 13 West

Section 1: NW/4

Section 12: NE/4

- (f) Extension of the Blanco-Mesaverde Pool to include:

Township 30 North, Range 5 West

Section 6: All

Township 31 North, Range 5 West

Section 31: All

Township 31 North, Range 12 West

Section 7: All

Section 18: All

- (g) Extension of the South Blanco-Dakota Pool to include:

Township 26 North, Range 6 West

Section 5: SW/4, NW/4

Section 6: All

Township 26 North, Range 7 West

Section 1: NE/4

CASE 1166:

Southeastern New Mexico nomenclature case calling for the extension of existing pools in Lea and Chaves Counties, New Mexico.

- (a) Extension of the Baum-Wolfcamp Pool to include:

Township 14 South, Range 33 East

Section 6: W/2

- (b) Extension of the Caprock-Queen Pool to include:

Township 15 South, Range 31 East

Section 3: NE/4

- (c) Extension of the Crosby-Devonian Gas Pool to include:

Township 25 South, Range 37 East

Section 33: N/2

- (d) Extension of the E-K Queen Pool to include:

Township 18 South, Range 33 East

Section 14: NW/4

Section 23: NE/4

Township 26 North, Range 3 West
Section 33: W/2

Township 26 North, Range 4 West
Section 8: All
Section 16: W/2
Section 17: E/2

(b) Extension of the South Blanco-Pictured Cliffs Pool to include:

Township 25 North, Range 4 West
Section 18: S/2

Township 25 North, Range 5 West
Section 2: N/2

Township 25 North, Range 6 West
Section 1: E/2
Section 12: N/2
Section 24: E/2

Township 26 North, Range 5 West
Section 35: S/2

Township 27 North, Range 9 West
Section 1: N/2

(c) Extension of the Otero-Pictured Cliffs Pool to include:

Township 24 North, Range 5 West
Section 16: W/2

Township 24 North, Range 6 West
Section 12: E/2

(d) Extension of the Ballard-Pictured Cliffs Pool to include:

Township 25 North, Range 8 West
Section 13: S/2

(e) Extension of the Bisti-Lower Gallup Oil Pool to include:

Township 25 North, Range 12 West
Section 5: SE/4
Section 15: SW/4

(e) Extension of the Eumont Pool to include:

Township 19 South, Range 36 East
Section 22: E/2 SW/4

(f) Extension of the Jalmat Pool to include:

Township 22 South, Range 35 East
Section 11: SE/4

(g) Extension of the King-Devonian Pool to include:

Township 13 South, Range 37 East
Section 35: NE/4

CONTINUED CASES

CASE 1126:

Application of Rowan Oil Company for an order granting permission to make an oil-oil dual completion in the Blinebry Oil Pool and the Drinkard Oil Pool in compliance with Rule 112-A of the New Mexico Oil Conservation Commission Statewide Rules and Regulations. Applicant, in the above-styled cause, seeks an order authorizing an oil-oil dual completion in the Blinebry Oil Pool and Drinkard Oil Pool for its Cary No. 7 Well located 1874 feet from the North line and 2086 feet from the West line of Section 22, Township 22 South, Range 37 East, Lea County, New Mexico; applicant proposes to run only one string of tubing to produce the Drinkard Oil through the tubing and the Blinebry Oil through the casing-tubing annulus.

CASE 1127:

Southeastern New Mexico nomenclature case calling for the creation of a new pool in Lea County, New Mexico.

(d) Creation of a new oil pool for Tubb production, designated as the Tubb Oil Pool, and described as:

Township 21 South, Range 37 East
Section 10: SE/4 SW/4

DOCKET: SPECIAL COMMISSION HEARING OCTOBER 18, 1956

Oil Conservation Commission 9:00 a.m., Mabry Hall, State Capitol, Santa Fe

CASE 1103:(Rehearing)

Application of Cities Service Oil Company on rehearing of Case 1103, Order R-874 for an order granting permission to effect a single string oil-oil dual completion in the Dean-Devonian and Dean-Pennsylvanian Pools, Lea County, New Mexico. Applicant, in the above-styled cause, seeks on rehearing in Case No. 1103, Order R-874 reconsideration of the New Mexico Oil Conservation Commission's denial of its application for permission to make a single string oil-oil dual completion in the Dean-Devonian and Dean-Pennsylvanian Pools, Lea County, New Mexico; said rehearing will be restricted to the receiving of new evidence on those issues specifically raised in the application for rehearing.

DOCKET: EXAMINER HEARING OCTOBER 19, 1956

Oil Conservation Commission 10:00 a.m., Mabry Hall, State Capitol, Santa Fe

The following continued case will be heard before Warren W. Mankin, Examiner:

CASE 1120:

Application of Gunsite Butte Uranium Corporation for an unorthodox gas well location in the Tapacito-Pictured Cliffs Gas Pool in exception to Paragraph (4) of the Special Rules and Regulations for said pool as set forth in Order R-794. Applicant, in the above-styled cause, seeks an order authorizing an unorthodox location for a gas well to be drilled by applicant in the NW/4 of Section 3, Township 25 North, Range 3 West, Rio Arriba County, New Mexico.