

NORTHWEST PRODUCTION CORPORATION

ALBUQUERQUE, NEW MEXICO

September 13, 1956

REPLY TO:
520 SIMMS BUILDING
ALBUQUERQUE, NEW MEXICO

Oil Conservation Commission
State of New Mexico
120 East Chaco
Artesia, New Mexico

Attention: Mr. Emory Arnold

Gentlemen:

Northwest Production Corporation requests tentative approval to complete well "W" 1-7 in the Pictured Cliffs, Mecerado and Dakota formations.

Well "W" 1-7 is located 800' PSL and 900' PWL, Section 7, T 26 N, R 5 W, Rio Arriba County, New Mexico. The well is located within the boundaries of the South Elmo Pictured Cliffs gas pool and is classified as a wildcat for both the Mecerado and Dakota formations.

As indicated on the attached ownership plat, owners of mineral rights to offset acreage are:

The Atlantic Refining Company, Box 2819, Dallas, Texas.

Delhi-Taylor Oil Corporation, 823 Corrigan Tower, Dallas, Texas.

Lovry Oil Company, Box 8008, Albuquerque, New Mexico.

Copy of this application has been furnished each of these operators by registered mail.

Well "W" 1-7 has been drilled to a total depth of 7623' with 7-5/8" OD casing cemented at 3294.61' and 5 $\frac{1}{2}$ " OD casing cemented at 7614.96'. The 5 $\frac{1}{2}$ " casing was perforated from 7432-42, 7470-80, 7504-24, 7566-76 and 7598-7607. The Dakota formation was fractured through the perforation and an open hole section from 7615-23.

Our procedure for completing the well to produce the three formations would be as follows:

1. Set a temporary bridge plug at 5340', selectively perforate the 5 $\frac{1}{2}$ " casing and fracture the Mecerado formation in two zones.

Задача № 1 Установите соответствие между

THE OUTLINE OF A PAPER

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survived. (Kitevneano) If
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ocean back OR
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Methodology and methods

more ideas

“Evidence of *Loropetis* exhibited at a super hoisterous rollercoaster. Jaw-dropping, jaw-dropping stuff. This chrysanthemum is the first of its kind in the world.”

W H M S T S 190000Z MAY 1940 RPT 1000 140000Z MAY 1940 Received at 1400Z MAY 1940
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velocity as difference of two flow and velocity height. If one does not
understand effect his observations will be

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1778. apud Petrum. Balthazar.

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• 93 • 100% 2010-2011 Budget - Page 100 - Department of Education

-after which another one went up to see what had been done and concluded that he would

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left 100-124-7 to determine which CO 1330 bus 1330 was determined which
1330 bus 1330 (S-100) (S-100) (S-100) will be required and which
which needs to bus 1330 following and proposed determine any additional storage site

shoulder of small hill consisting of fine and rather green soft sandstone, and
shoulder of another.

September 13, 1956

2. Set a temporary bridge plug at 3195', cut and recover the 5 $\frac{1}{2}$ " casing above the bridge plug. Squeeze cement the top of the 5 $\frac{1}{2}$ " liner with 100 ax regular. Pressure up and test the 5 $\frac{1}{2}$ " x 7-5/8" casing-casing annulus.
3. 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 7430'.
6. Run 2-7/8" OD EUE tubing set at approximately 7435' with anchor type packer set above the Mesaverde formation at approximately 4778'. An etis side-door choke will be run below the anchor packer at approximately 4808'.
7. 1 $\frac{1}{4}$ " OD non-upset tubing will be run inside the 2-7/8" tubing and set in the side door choke at 4808' with a pack-off to separate the 1 $\frac{1}{4}$ " tubing from the 1 $\frac{1}{4}$ " x 2-7/8" tubing-tubing annulus, thereby allowing the Dakota formation to flow through the 1 $\frac{1}{4}$ " tubing and the Mesaverde to flow through the 1 $\frac{1}{4}$ " x 2-7/8" tubing-tubing annulus.
8. A second string of 1 $\frac{1}{4}$ " OD non-upset tubing will be run inside the 2-7/8" tubing x 7-5/8" casing annulus to a depth of approximately 3060' to produce the Pictured Cliffs formation.
9. It is planned to use a dual-string tree which is so arranged to obtain pressures on all three formations.

The completion of well "W" 1-7 in the manner outlined will permit Northwest Production Corporation to produce the three formations from one well, thereby effecting a considerable reduction in drilling costs. Tests after fracture of the Dakota formation in this well indicate that it would not be practical from an economic standpoint to produce the "W" 1-7 well from the Dakota formation only.

Yours very truly,

NORTHWEST PRODUCTION CORPORATION

RECORDED AND INDEXED BY
W. R. JOHNSTON

W. R. Johnston, Manager
Production Operations

WRJ:RP:ph

In triplicate

Enclosures

CC to: The Atlantic Refining Company
Delhi-Taylor Oil Corporation
Lowry Oil Company
U. S. Geological Survey - Farmington

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3. Perform the 7-Step Inspection for Planning Change before
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now with the new permit issued at P-I "W" now to no longer be affected, now one court will have to decide if and when or not to accept the new permit issued by the state. This is a question of state law involving the state's right to issue permits under its own laws and regulations as well as the federal laws.

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ПОДДЕРЖАТЬ МОИ ПОСЛОВЫ

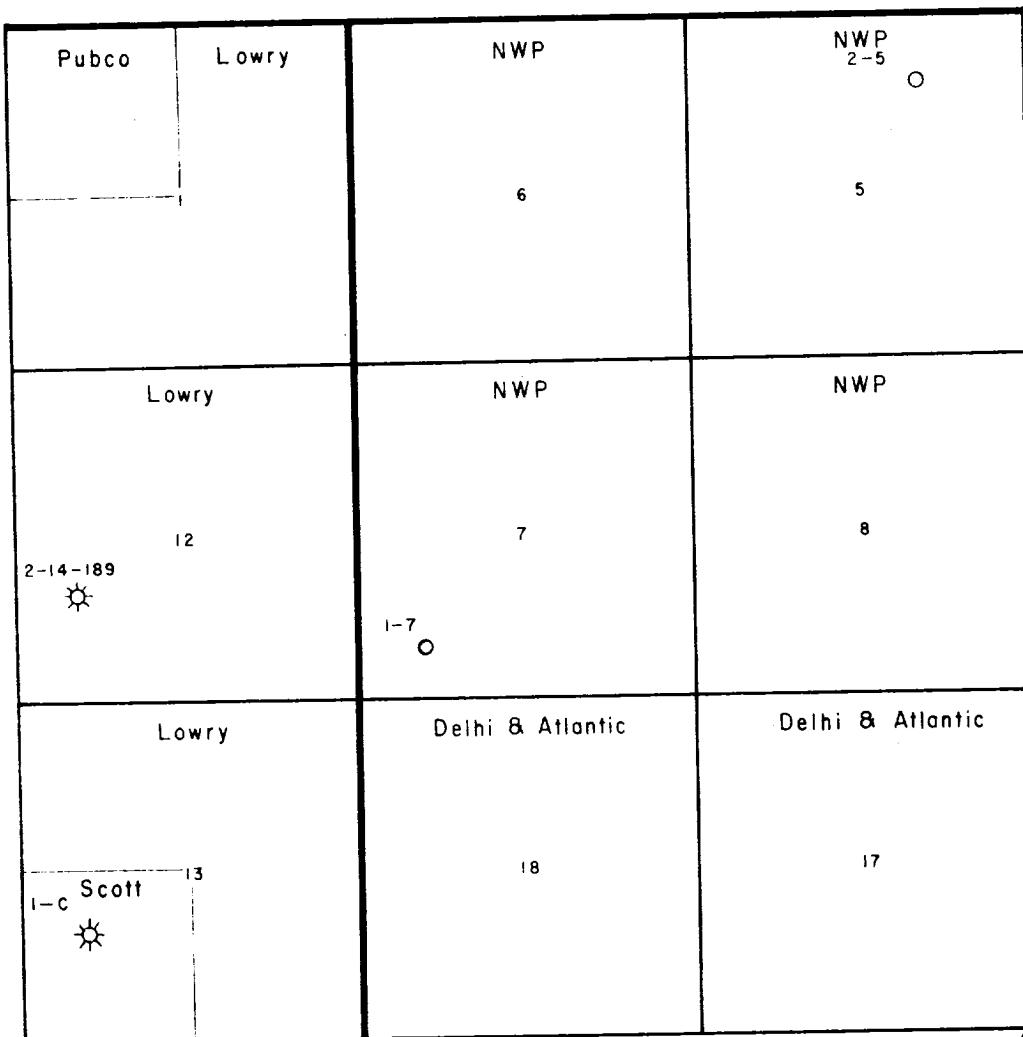
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W.M.L.:R.S.:Dg
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W. E. GARDNER, SECRETARY - BOSTON, MASS.

R 6 W

R 5 W



LOCATION AND OWNERSHIP PLAT FOR
"W" WELL I-7 IN SECTION 7 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 I-7 IN PICTURED CLIFFS,
MESAVERDE AND DAKOTA FORMATIONS

RIO ARIBA COUNTY
NEW MEXICO

CONTRACT # 152

DRAWN: W.H. MCGAHEY
APPROVED: RAY PHILLIPS

SCALE 1" = 3000'
DATE: 9-13-56