

und file

April 26, 1957



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

Re: Application for Dual Completion of
Northwest Production Corporation
Well "C" 2-29, Located in Section 29,
T26N, R4W, Rio Arriba County, New
Mexico

Attention: Mr. A. L. Porter

Gentlemen:

In accordance with Rule 112 (c) of the Commission Rules and Regulations, Northwest Production Corporation requests final approval for the dual completion of well "C" 2-29 in the Mesaverde and Graneros-Dakota formations. Tentative approval of the plan for drilling and equipping the well was received from Mr. Emory C. Arnold on January 29, 1957.

Following is a resume of the work performed on well "C" 2-29, which is located 1830 feet from the South line and 870 feet from the West line of Section 29, Township 26 North, Range 4 West, Rio Arriba County, New Mexico:

1. Seven inch intermediate casing was set at 3581.17 feet.
2. A 6 1/2 inch hole was drilled to 7800 feet where 5 inch OD liner was cemented, with a Burns liner hanger at 3475 feet.
3. The liner was perforated from 7654 to 7788 feet and the Dakota formation was fractured using oil and sand.
4. After fracturing and testing the interval 7654-7788, a rig was moved back on location and the hole was deepened to 7852 feet.
5. A packer was set at 7795 feet and the lower Dakota was fractured in open hole from 7800-7852 feet using oil and sand.
6. A bridge plug was set at 7648 feet, the 5 inch liner perforated from 7534 to 7616 feet, and the Graneros formation fractured with oil and sand. The bridge plug was retrieved and the hole cleaned out to total depth.
7. A bridge plug was set at 7440 feet, the 5 inch liner perforated from 4996 to 5390 feet, and the Mesaverde formation fractured using water. The bridge plug was drilled and the hole cleaned out.

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8. Two inch EHE tubing was hung at 7722.76 feet with a Baker "EKL" packer set at 7494.13 feet and an Otis side-door choke at 7493.13 feet.

The Graneros-Bakota formation was tested for three hours on April 18, 1957, through the tubing with the casing shut in. The calculated absolute open flow was 871 MCFD. On April 15, 1957, the Mesaverde formation was tested for three hours through the casing with the tubing shut in. The absolute open flow for this formation was 1,377 MCFD.

Attached for your information is a diagrammatic sketch of the dual with pertinent data of the completion. Copies of production tests, Packer Leakage Test and Packer setting Affidavit are also attached.

The mineral rights on all acreage offsetting well "C" 2-29 are owned by Northwest Production Corporation.

Should you desire additional information regarding well "C" 2-29 before a final order is issued approving this dual completion, please advise.

Yours very truly,

NORTHWEST PRODUCTION CORPORATION

ORIGINAL SIGNED BY
W. R. JOHNSTON

W. R. Johnston, Manager
Production Operations

RP/nw

In duplicate

cc: Oil Conservation Commission, Antec, New Mexico
U. S. G. S., Farmington, New Mexico

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State of New Mexico
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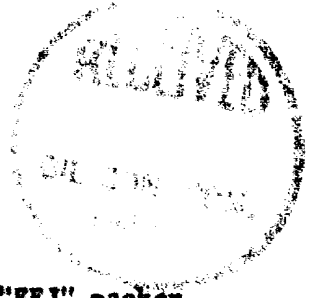
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1. Seven inch intermediate casing was set at 3581.17 feet.
2. A 6½ inch hole was drilled to 7800 feet where 5 inch OD liner was cemented, with a Burns liner hanger at 3475 feet.
3. The liner was perforated from 7654 to 7788 feet and the Dakota formation was fractured using oil and sand.
4. After fracturing and testing the interval 7654-7788, a rig was moved back on location and the hole was deepened to 7852 feet.
5. A packer was set at 7795 feet and the lower Dakota was fractured in open hole from 7800-7852 feet using oil and sand.
6. A bridge plug was set at 7648 feet, the 5 inch liner perforated from 7534 to 7616 feet, and the Graneros formation fractured with oil and sand. The bridge plug was retrieved and the hole cleaned out to total depth.
7. A bridge plug was set at 7440 feet, the 5 inch liner perforated from 4996 to 5590 feet, and the Mesaverde formation fractured using water. The bridge plug was drilled and the hole cleaned out.

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8. Two inch EUE tubing was hung at 7722.76 feet with a Baker "EEJ" packer set at 7494.13 feet and an Otis side-door choke at 7493.13 feet.

The Graneros-Dakota formation was tested for three hours on April 18, 1957, through the tubing with the casing shut in. The calculated absolute open flow was 871 MCFD. On April 15, 1957, the Mesaverde formation was tested for three hours through the casing with the tubing shut in. The absolute open flow for this formation was 1,377 MCFD.

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W. E. JOHNSTON

W. E. Johnston, Manager
Production Operations

RP/nw

In duplicate

cc: Oil Conservation Commission, Aztec, New Mexico
U. S. G. S., Farmington, New Mexico

MESAVERDE DATA

TOP OF MESAVERDE: 4985'

BOTTOM OF MESAVERDE: 5592'

PERFORATIONS: 4996-5006', 5036-56',
5242-48', 5260-70', 5278-82', 5286-94',
5326-30', 5388-94', 5438-44', 5490'-96',
5506-10', 5518-24', 5534-38', 5550-54',
5558-62', 5574-80', 5586-90',



GRANEROS-DAKOTA DATA

TOP OF GRANEROS: 7490'

BOTTOM OF GRANEROS: 7645'

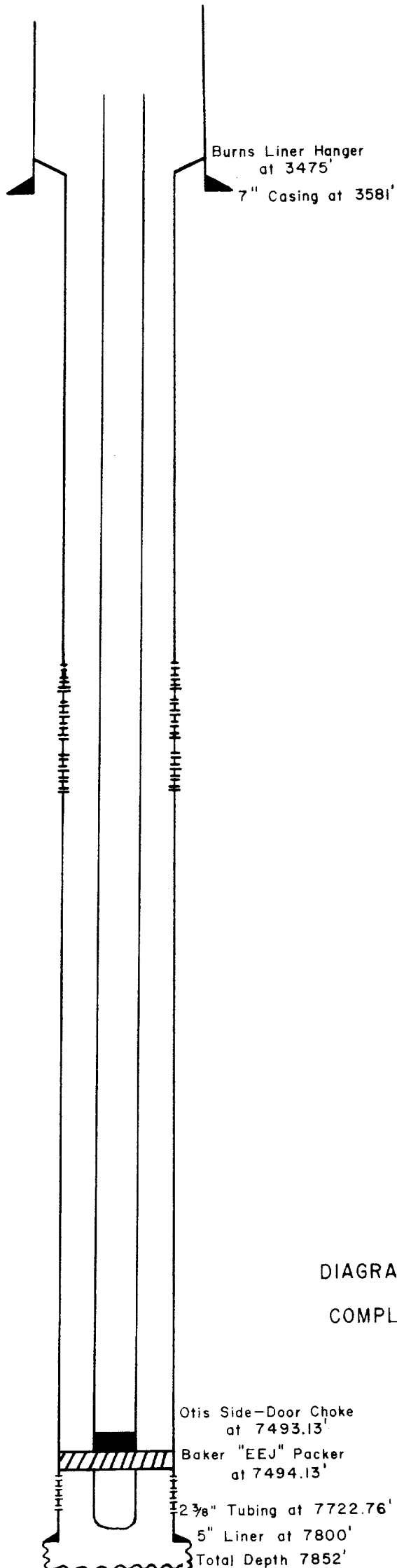
PERFORATIONS: 7534-50', 7570'-76',
7584-90', 7610-16'

TOP OF DAKOTA: 7645'

BOTTOM OF DAKOTA: 7852'

PERFORATIONS: 7654-72', 7686-7716',
7736-52', 7762-72', 7780-88',
OH 7800-52',

DIAGRAMATIC SKETCH OF DUAL GAS COMPLETION FOR "C" WELL 2-29



NORTHWEST PRODUCTION CORPORATION
ALBUQUERQUE, NEW MEXICO

APPLICATION FOR DUAL GAS COMPLETION
OF "C" WELL 2-29 IN MESAVERDE AND
GRANEROS-DAKOTA FORMATION

RIO ARRIBA COUNTY
NEW MEXICO

CONTRACT # 120

Drawn: W.H. McGahey
Approved: Ray Phillips

Scale 400' = 1'
Date 4-26-57