

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO



October 10, 1955

Pacific Northwest Pipeline Corp.
413½ West Main Street
Farmington, New Mexico

Re: Proposed DC-246

Gentlemen:

Reference is made to your letter of October 5, 1955, pertaining to your proposed dual completion of your Indian "I" Well No. 1, located in the NW/4 of the NW/4 of Section 27, Township 28 North, Range 3 West, Rio Arriba County, New Mexico.

You are hereby granted temporary permission to dually complete this well in an undesignated Pictured Cliffs Gas Pool and the Blanco Mesaverde Gas Pool. When this dual completion is finished, please submit a complete resume of all work done on the well, including a diagrammatic sketch, so that we may issue a formal order approving the dual completion.

This approval is conditioned upon your obtaining like approval from the U. S. Geological Survey.

Very truly yours,

W. B. MACEY
Secretary-Director

WBM:nc

cc: Oil Conservation Commission, Astec
U. S. Geological Survey, Farmington

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OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO



October 10, 1925

Respectfully,
[Signature]
[Name]
[Title]
[Address]

Re: Proposed No. 10

Dear Sir:

Reference is made to your letter of October 2, 1925, pertaining to your proposed dual completion of your Indian No. 1 well, located in the NW 1/4 of Section 27, Township 26 North, Range 3 East, Rio Arriba County, New Mexico.

You are hereby granted temporary permission to dualify complete this well in an undesignated Plotted Oil Gas Pool and the Plotted Navajo Gas Pool. When this dual completion is finished, please submit a complete resume of all work done on the well, including a diagrammatic sketch, so that we may issue a formal order approving the dual completion.

This approval is conditioned upon your obtaining like approval from the U. S. Geological Survey.

Very truly yours,

W. J. HACEY
Secretary-Treasurer

cc: [Name]
[Address]
[City]
[State]

COPY

DC-246

413½ West Main Street
Farmington, New Mexico

October 5, 1955



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

Gentlemen:

Pacific Northwest Pipeline Corporation requests that the New Mexico Oil Conservation Commission grant an exception to Order No. E-316, Rule 112-A of the Commission Rules and Regulations. This exception will allow the dual completion without hearing of Pacific's Indian "I" #1 between the Pictured Cliffs and Mesa Verde formation.

The Indian "I" #1 is located 980' from the north line and 900' from the west line in the NW/4 of the NW/4 of Section 27, T28N, R3W, Rio Arriba County, New Mexico. The well is located within the boundary of the Blanco Mesa Verde pool but is classified as a wildcat in the Pictured Cliff formation.

No offset acreage other than Pacific's is involved in the completion of this well and no other operators have been notified of the dual completion.

Attached for your information is a plat showing the well location and off-set acreage. Approval for an unorthodox Mesa Verde location for Indian "I" #1 has been granted in your letter of September 23rd, 1955. Our procedure for drilling the well will be as follows:

1. Set 7-5/8" casing at 3605'.
2. Drill with gas to 6050' through the Mesa Verde formation and set 5½" casing at that point.
3. Selectively perforate the Point Lookout Zone and sand frac with a 40,000 gallon treatment; set bridge plug, selectively perforate the Menefee zone and sand frac with a 40,000 gallon treatment.
4. Set bridge plug and selectively perforate the Pictured Cliff formation, sand frac with 40,000 gallon treatment and test formation.

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October 2, 1922

Oil Conservation Commission
State of New Mexico
P. O. Box 271
Santa Fe, New Mexico

Government

The Northwest Pipeline Corporation requests that the New Mexico Oil Conservation Commission grant an exception to Order No. R-316, Rule 11-A of the Commission Rules and Regulations. This exception will allow the well completion without hearing of Pacific Indian "I" #1 between the Pictured Cliffs and Mesa Verde formations.

The Indian "I" #1 is located 980' from the north line and 200' from the west line in the NW 1/4 of the NW 1/4 of Section 27, T28N, R3W, Rio Arriba County, New Mexico. The well is located within the boundary of the Blanco Mesa Verde pool but is classified as a wildcat in the Pictured Cliffs formation.

No offset nor any other form of completion is involved in the completion of this well and no other operators have been notified of the dual completion.

Attached for your information is a plat showing the well location and offset. A gravel for an unconsolidated Mesa Verde location for Indian "I" #1 has been granted in our letter of September 23rd, 1922. Our procedure for drilling the well will be as follows:

1. Set 7-5/8" casing at 2025'.
2. Drill with gas no 6050' through the Mesa Verde formation and set 5 1/2" casing at that point.
3. Selectively perforate the Point Lookout zone and sand zone with a 40,000 gallon treatment; set bridge plug; selectively perforate the Hancee zone and sand zone with a 40,000 gallon treatment.
4. Set bridge plug and selectively perforate the Pictured Cliffs formation, sand zone with 40,000 gallon treatment and sand zone.

5. If the Pictured Cliffs formation is commercially productive drill out the bridge plugs and set a Baker Production Packer at approximately 5650'.
6. Run tubing with side door choke at approximately 3570'.
7. Install straight through mandril in side-door choke and produce the Mesa Verde through the tubing and the Pictured Cliffs formation through the tubing casing annulus.

The above described arrangement will allow the Pacific Northwest Pipeline Corporation to test the reserves in two formations and will allow us the opportunity to produce both formations from one well. This will, of course, decrease the drilling costs in the area.

The Indian "H" #1 has been completed in the Pictured Cliff and Mesa Verde formations. A Baker Production Packer was set between these two zones and no communication has been encountered between the Mesa Verde and Pictured Cliff formations. The completion and performance of the Indian "H" #1 has been very satisfactory.

Yours very truly,

T. A. Dugan
T. A. Dugan
District Engineer

TAD:blm
Attachment

cc: Emory Arnold ✓
Phil McGrath
W. R. Johnston



5. In the Hatched Oilfield formation is commercially productive
drill out the bridge plugs and set a Baker Protection Pack
at approximately 3850'.

6. Run tubing with side door choke at approximately 3870'.

7. Install separator through manifold in an e-door choke and produce
the Hess Veneer through the tubing and the Hatched Oilfield forma-
tion through the tubing casing annulus.

The above described arrangement will allow the Pacific Northwest Pipe
formation to test the reserves in two formations and will allow the
opportunity to produce both formations from one well. This will, of
course, decrease the drilling costs in the area.

The Indian "H" #1 has been completed in the Hatched Oilfield and Hess Veneer
formations. A Baker Protection Pack was set between these two zones and
no communication has been encountered between the Hess Veneer and Hatched
Oilfield formations. The completion and performance of the Indian "H" #1
has been very satisfactory.

Yours very truly,

T. A. Dugan
T. A. Dugan
District Engineer

Attachment
T-10-11-12

cc: Henry Arnold
Phil McOrath
W. R. Jackson





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