NEW MEXICO

OIL CONSERVATION COMMISSION

AZTEC, NEW MEXICO

xxxxxxxxxxxx

120 East Chaco

Pacific Northwest Pipeline Corporation
405½ West Broadway
Farmington, New Mexico

Att: Mr. Tom Dugan

Dear Mr. Dugan:

Tentative approval is hereby granted for the dual completion of your #1 Indian "O" well located in the NE¼ Section 32-28N-3W in the Pictured Cliffs and Mesaverde formations.

It is understood the well will be equipped as set out in your application. Upon completion you should secure final approval from Mr. A.L. Porter in Santa Fe, N.M.

Yours very truly

Emery C. Arnold
Supervisor, District #3

ECA:ks

cc: Mr. A. L. Porter
OCC, Santa Fe, N.M.

NEW MEXICO

OIL CONSERVATION COMMISSION

AZTEC, NEW MEXICO

xxxxxxxxxxxx

120 East Chaco

Pacific Northwest Pipeline Corporation
1050 West Broadway
Farmington, New Mexico

Att: Mr. Tom Dugan

Dear Mr. Dugan:

Tentative approval is hereby granted for the dual completion of your "Indian 90" well located in the NE¼ Section 32-28N-3W in the Pictured Cliffs and Mesaverde formations.

It is understood the well will be equipped as set out in your application. Upon completion you should secure final approval from Mr. A.L. Porter in Santa Fe, N.M.

Yours very truly

Emery C. Arnold
Supervisor, District #3

ECA:lm

cc: Mr. A. L. Porter
OCC, Santa Fe, N.M.

PACIFIC NORTHWEST PIPELINE CORPORATION

405½ West Broadway
FARMINGTON, NEW MEXICO
October 16, 1956

ans. 10-19-56
8a

Mr. Emory Arnold
New Mexico Oil Conservation Commission
Aztec, New Mexico

Dear Mr. Arnold:

Pacific Northwest Pipeline Corporation requests tenative approval to drill and dually complete Indian "O" #1 in the Pictured Cliffs and Mesa Verde formations.

Indian "O" #1 is located 810 FNL, and 530 FEL, Section 32, Township 28 North, Range 3 West, Rio Arriba County, New Mexico. The well is classified as a Wildcat in the Pictured Cliffs, and is a Blanco Mesa Verde Pool Extension.

Pacific Northwest Pipeline Corporation owns all offset acreage.

Our procedure for drilling the well will be as follows:

1. Set surface pipe, 9-5/8" at 200'.

2. Drill with mud 6120' through the Mesa Verde formation and set a 5½" liner at this point.

3. Selectively perforate and frac the Mesa Verde formation.

4. Set bridge plug and selectively perforate and frac the Pictured Cliffs formation.

5. Clean out to Total Depth.

6. Set tubing stinger at 6080', Lane-Wells hookwall packer at 5600' and Otis side-door choke at 5570' on 2-3/8" O.D. tubing.

7. Install straight through mandril in side-door choke and produce the Mesa Verde formation through the tubing and the Pictured Cliffs formation through the tubing-casing annulus.

The dual completion of Indian "O" #1 will allow Pacific Northwest Pipeline Corporation to test the reserves in two formations, and will allow us the opportunity to produce both formations from one well, thus reducing the drilling costs in the area.

Respectfully submitted,

T. A. Dugan

TAD:ihr
cc: Mr. P.T. McGrath
Mr. L. G. Truby

LTR

Job separation sheet

Form 9-331 b
(April 1952)

2-Sec
1-L.G.Truby
1-File

			x

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R359.4.
Approval expires 12-31-60.

Indian Agency Jicarilla

Allottee

Lease No. Cont. #85
Tract #168

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	X	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

December 13, 1956

Indian "O"
Well No. 1 is located 810 ft. from {N/S} line and 530 ft. from {E/W} line of sec. 32

NE/4 NE/4 Sec. 32 (¼ Sec. and Sec. No.) 28 North (Twp.) 3 West (Range) N.M.P.M. (Meridian)

Blanco - Wildcat P.C. (Field) Rio Arriba (County or Subdivision) New Mexico (State or Territory)

The elevation of the ~~derrick floor~~ ungraded ground above sea level is 6937 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Set 6158' of 5-1/2" csg @ 6170 w/2 Stage Collar @ 4057'. Cmts w/100 sx 4% & 50 sx reg w/30# flocele. Cmts 2nd Stage w/150 sx 4%. Csg. tested O.K. Ran Lane Wells.

RECEIVED
DEC 27 1956
OIL CON. COM.
DIST. 3

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company PACIFIC NORTHWEST PIPELINE CORPORATION

Address 405½ W. Broadway
Farmington, New Mexico

By Original signed by T. A. Dugan
~~Chas. A. Dugan~~
Title District Engineer