Form C-122-A
Revised April 20, 1955

Initial Deliverability Test

NEW MEXICO OIL CONSERVATION COMMISSION
GAS WELL TEST DATA SHEET - - SAN JUAN BASIN

(TO BE USED FOR FRUITLAND, PICTURED CLIFFS, MESAVERDE, & ALL DAKOTA EXCEPT BARKER DOME STORAGE AREA)

Pool BLANCO MESAVERDE Formation MESAVERDE County RIO ARRIBA

Purchasing Pipeline PACIFIC NORTHWEST PIPELINE CORP. Date Test Filed FEBRUARY 8, 1957

Operator El Paso Natural Gas Company Lease San Juan Unit 28-6 Well No. 58-23

Unit B Sec. 23 Twp. 28N Rge. 6W Pay Zone: From 5320 To 5583

Casing: OD 5 1/2 WT. 15.5 Set At 5784 Tubing: OD 2 3/8 WT. 4.7 T. Perf. 5544

Produced Through: Casing ^ Tubing X Gas Gravity: Measured .698 Estimated

Date of Flow Test: From 1-11-57 To 1-19-57 * Date S.I.P. Measured 7-17-56

Meter Run Size Orifice Size Type Chart Type Taps

OBSERVED DATA

Flowing casing pressure (Dwt)	psig + 12 =		psia	(a)
Flowing tubing pressure (Dwt)	psig + 12 =		psia	(b)
Flowing meter pressure (Dwt)	psig + 12 =		psia	(c)
Flowing meter pressure (meter reading when Dwt. measurement taken:				
Normal chart reading	psig + 12 =		psia	(d)
Square root chart reading ( ) ^{2} x spring constant	=		psia	(d)
Meter error (c) - (d) or (d) - (c) ±	=		psi	(e)
Friction loss, Flowing column to meter:				
(b) - (c) Flow through tubing: (a) - (c) Flow through casing	=		psi	(f)
Seven day average static meter pressure (from meter chart):				
Normal chart average reading 611	psig + 12 =	623	psia	(g)
Square root chart average reading ( ) ^{2} x sp. const.	=		psia	(g)
Corrected seven day avge. meter press. (p_f) (g) + (e)	=	623	psia	(h)
P_t = (h) + (f)	=		psia	(i)
Wellhead casing shut-in pressure (Dwt) 1069	psig + 12 =	1077	psia	(j)
Wellhead tubing shut-in pressure (Dwt) 1057	psig + 12 =	1069	psia	(k)
P_c = (j) or (k) whichever well flowed through	=	1069	psia	(l)
Flowing Temp. (Meter Run) 84 °F + 460	=	544	°Abs	(m)
P_d = ½ P_c = ½ (l)	=	535	psia	(n)

FLOW RATE CALCULATION

Q = 1823 (integrated) X $\left(\frac{\sqrt{(c)}}{\sqrt{(d)}} = \frac{\quad}{\quad} = \frac{\quad}{\quad} \right)^{*}$ = 1823 MCF/da

DELIVERABILITY CALCULATION

D = Q 1,823 $\left[\frac{P_c^2 - P_d^2 = 856536}{P_c^2 - P_w^2 = 688656} \right]^n \frac{(1.2447)^{.75}}{1.186}$ = 2162 MCF/da.

SUMMARY

P_c = 1069 psia
Q = 1823 Mcf/day
P_w = 678 psia
P_d = 535 psia
D = 2162 Mcf/day

Company Pacific Northwest Pipeline Corp.
By Donald E. Adams
Title Well Test Engineer
Witnessed by
Company

RECEIVED FEB 1 1957 OIL CON. COM. DIST. 3

* This is date of completion test.
* Meter error correction factor

REMARKS OR FRICTION CALCULATIONS

GL	$(1-e^{-s})$	$(F_cQ)^2$	$\frac{(F_cQ)^2 (1-e^{-s})}{R^2}$	P_t^2 (Column i)	$P_t^2 + R^2$	P_w
3070	.2692	2957000	795976	3881.89	4681.05	678

- FLOW PERIOD - January 11 to 19th
3-N.M.O.C.C.-Aztec
1-A. G. Tapp
1-E.P.N.G.(Gallegos)
2-Phillips Petroleum (Smith
1-File

OK

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Form C-110
Revised 7/1/55

(File the original and 4 copies with the appropriate district office)

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Company or Operator El Paso Natural Gas Company Lease San Juan 28-6

Well No. 58 Unit Letter B S 23 T 28N R 6W Pool Blanco-Mesaverde

County Rio Arriba Kind of Lease (State, Fed. or Patented) Fee

If well produces oil or condensate, give location of tanks: Unit ____ S ____ T ____ R ____

Authorized Transporter of Oil or Condensate ~~El Paso Natural Gas Products Co.~~

Address _____

(Give address to which approved copy of this form is to be sent)

Authorized Transporter of Gas El Paso Natural Gas Company

Address P. O. Box 997, Farmington, New Mexico Date Connected _____

(Give address to which approved copy of this form is to be sent)

If Gas is not being sold, give reasons and also explain its present disposition:

Reasons for Filing: (Please check proper box) New Well ( )

Change in Transporter of (Check One): Oil ( ) Dry Gas (X) C'head ( ) Condensate ( )

Change in Ownership ( ) Other ( )

Remarks: (Give explanation below)

Change in transporter from Pacific Northwest Pipeline Corporation

RECEIVED APR 20 1960 OIL CON. COM. DIST. 3

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the 14th day of April 1960

By ORIGINAL SIGNED B.H. MEANS

Title Petroleum Engineer

Company ~~El Paso Natural Gas Company~~

Address P. O. Box 997

Farmington, New Mexico

APR 20 1960

Approved _____ 19___

OIL CONSERVATION COMMISSION

Original Signed By

By A. R. KENDRICK

Title PETROLEUM ENGINEER DIST. NO. 3

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION
AZTEC DISTRICT OFFICE

NUMBER OF COPIES RECEIVED 6

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