(Form C-104)
(Revised 7/1/52)

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

REQUEST FOR (OIL) - (GAS) ALLOWABLE

New Well
Recompletion

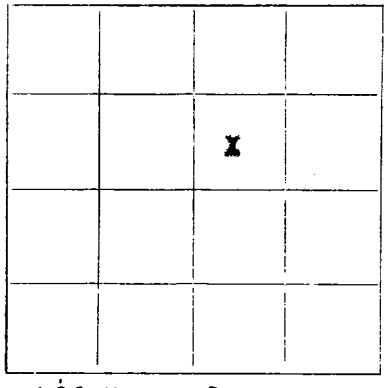
This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPLICATE to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

Farmington, New Mexico December 2, 1953
(Place) (Date)

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

El Paso Natural Gas Company (Company or Operator) Tapp (Lease), Well No. 2, in SW ¼ NE ¼,
C (Unit), Sec. 17, T. 28N, R. 8W, NMPM., Blanco Pool
San Juan County. Date Spudded 6-11-53, Date Completed 5-21-53

Please indicate location:



1650'N 1800'E

Elevation 5828 Total Depth 1667' P.B.

Top oil/gas pay 3792' Prod. Form. Mesaverde

Casing Perforations: or

Depth to Casing shoe of Prod. String 3798'

Natural Prod. Test BOPD

based on bbls. Oil in Hrs. Mins.

Test after acid or shot BOPD

Based on bbls. Oil in Hrs. Mins.

Gas Well Potential 3,100,000

Size choke in inches

Date first oil run to tanks or gas to Transmission system:

Transporter taking Oil or Gas: El Paso Natural Gas Company

Casing and Cementing Record

Size	Feet	Sax
10-3/4	159	75
7"	3798	200

Remarks:

I hereby certify that the information given above is true and complete to the best of my knowledge.

Approved 12-7-, 1953

OIL CONSERVATION COMMISSION
Original signed by
By: John J. Abendschan

Title

EL PASO NATURAL GAS COMPANY
(Company or Operator)

By: (Signature)

Title Petroleum Engineer

Send Communications regarding well to:

Name E. J. Coal

Address Box 997 Farmington, New Mexico

OIL CONSERVATION COMMISSION

AZTEC DISTRICT OFFICE

No. Copies Received 5

DISTRIBUTION

	NO. ENCLOSED	
Operator	2	
Santa Fe	1	
Proration Office	1	
State Land Office		
U. S. G. S.		
Transporter		
File	1	✓

70-317

Form C-122-A
Revised April 28, 1955

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 B - MV Formation MV County San Juan

Purchasing Pipeline El Paso Natural Gas Company Date Test Filed

Operator El Paso Natural Gas Company Lease Tapp Well No. 2

Unit G Sec. 17 Twp. 28 Rge. 8 Pay Zone: From 3792 To 4467

Casing: OD 7 WT. 20 Set At 3798 Tubing: OD 2 WT. 4.7 T. Perf. 3855

Produced Through: Casing Tubing X Gas Gravity: Measured .668 Estimated

Date of Flow Test: From 12/22/58 To 12/30/58 * Date S.I.P. Measured 9/6/58

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	psig + 12 =	psia	(g)
Square root chart average reading (7.05) ^{2} x sp. const. 1000	= 497	psia	(g)
Corrected seven day avge. meter press. (P_f) (g) + (e)	= 497	psia	(h)
P_t = (h) + (f)	= 497	psia	(i)
Wellhead casing shut-in pressure (Dwt)	psig + 12 = -	psia	(j)
Wellhead tubing shut-in pressure (Dwt) 880	psig + 12 = 892	psia	(k)
P_c = (j) or (k) whichever well flowed through	= 892	psia	(l)
Flowing Temp. (Meter Run) 55 °F + 460	= 515	°Abs	(m)
P_d = ½ P_c = ½ (l)	= 446	psia	(n)

FLOW RATE CALCULATION

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

DELIVERABILITY CALCULATION

$D = Q \left[\left(\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} \right) = \frac{596,748}{547,285} \right]^n \frac{1.0903}{1.0670}$ = 382 MCF/da.

SUMMARY

P_c = 892	psia	Company	El Paso Natural Gas Company
Q = 382	Mcf/day	By	Original Signed
P_w = 498	psia	Title	Harold L. Kendrick
P_d = 446	psia	Witnessed by	
D = 382	Mcf/day	Company	

* This is date of completion test.

* Meter error correction factor

REMARKS OR FRICTION CALCULATIONS

GL	$(1-e^{-S})$	$(F_cQ)2$	$\frac{(FcQ)^2}{R^2}$ $(1-e^{-S})$	Pt^2 (Column i)	$P_t^2 + R^2$	P_w
2962	.179	8.060	1.379	247,009	248,379	498

$3500 - \frac{533,528}{548,655} = \frac{.9724}{.9792} = 496$

RECEIVED
FEB 17 1959
OIL CON. COM.
DIST. 3