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NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

(Form C-104)
Revised 7/1/57

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 new oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

Farmington, New Mexico (Place) June 13, 1961 (Date)

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

El Paso Natural Gas Company (Company or Operator) San Juan 29-5 Unit (Lease), Well No. 49, in SW ¼ SW ¼,

M (Unit Letter), Sec. 9, T. 29N, R. 5W, NMPM., Blanco Mesa Verde Pool

Rio Arriba County. Date Spudded 4-15-61 Date Drilling Completed 4-27-61

Elevation 6691 Total Depth 6061 ~~P.B.~~ C.O. 6052

Top Oil/Gas Pay 5827' (Perf.) Name of Prod. Form. Mesa Verde

PRODUCING INTERVAL -

Perforations 5827-5837; 5843-5855; 5861-5869; 5879-5887; 5894-5906

Open Hole None Depth Casing Shoe _____ Depth Tubing _____

OIL WELL TEST -

Natural Prod. Test: _____ bbls.oil, _____ bbls water in _____ hrs, _____ min. Choke Size _____

Test After Acid or Fracture Treatment (after recovery of volume of oil equal to volume of load oil used): _____ bbls.oil, _____ bbls water in _____ hrs, _____ min. Choke Size _____

GAS WELL TEST -

Natural Prod. Test: _____ MCF/Day; Hours flowed _____ Choke Size _____

Method of Testing (pitot, back pressure, etc.): _____

Test After Acid or Fracture Treatment: 2928 MCF/Day; Hours flowed 3

Choke Size 3/4" Method of Testing: Calculated A.O.F.

Acid or Fracture Treatment (Give amounts of materials used, such as acid, water, oil, and sand): 87,506 gal. water

Casing Press. 1074 Tubing Press. _____ Date first new oil run to tanks _____

Oil Transporter El Paso Natural Gas Products Company

Gas Transporter El Paso Natural Gas Company

Please indicate location:

D	C	B	A
E	F	G	H
L	K	J	I
M X	N	O	P

990'S, 990'W (FOOTAGE)

Tubing, Casing and Cementing Record

Size	Feet	Sax
9 5/8	278	270
7"	3887	490
2 7/8"	6046	220

Remarks: _____

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DIST.

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

Approved JUN 14 1961, 19____

OIL CONSERVATION COMMISSION

By: Original Signed Emery C. Arnold

Title Supervisor Dist. # 3

El Paso Natural Gas Company (Company or Operator)

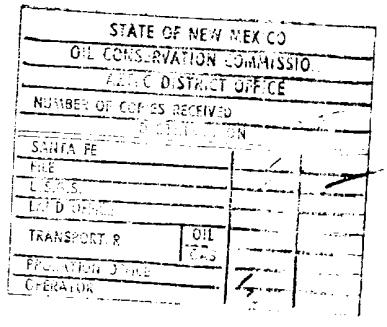
By: Original Signed R. G. MILLER (Signature)

Title Petroleum Engineer

Send Communications regarding well to:

Name E. S. Oberly

Address Box 990, Farmington, New Mexico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Initial Deliverability Test

FORM C-122-A (EL PASO 2-1-61)

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

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

Pool Blanco Formation Mesa Verde County Rio Arriba

Well Name San Juan 29-5 No. 49 86-417

Unit M S 9 T 29 R 5 Pay Zone 5827 To 5906 Flow String Casing

Casing O D 2-7/8 Wt 6.4 Set at 6058 Tubing O D None Wt _____ L _____ Top Perf.

Operator EL PASO NATURAL GAS COMPANY Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Date Flow Press. Meas. _____ Period of test flow From 9-6-61 To 9-14-61 SIP Measured 6-8-61

Deadweight Flowing Pressure, psia — Flowing Pressure psia

Casing _____ (a) Tubing _____ (b) Meter _____ (c) Chart _____ (d)

Deadweight Shut-in Pressures, psia — Meter Error — Friction Loss

Casing 1074 (j) Tubing _____ (k) _____ (e) _____ (f)

7 Day Avg. Flowing Pres., psia

Chart 519 (g) Corrected 519 (h) P_t 519 (i) Gravity .639

G. L. = 3723 $1-e^{-s}$ = .237 $(F_cQ)^2$ = 28.516

$(1-e^{-s})(F_cQ)^2 = R^2$ = 6758 P_t^2 = 269361 P_w^2 = 276119

Q = 962 (integrated) $\times \left[\sqrt{\frac{(c)}{(d)} = \quad = \quad}\right]$ = 962

$D = Q$ 962 $\times \left(\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} = \frac{865107}{871357}\right]^N = \frac{.9860}{.9895}\right)$ = 952

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DIST. 3

SUMMARY

P_c = 1074 psia

Q = 962 MCF/D

P_w = 925 psia

P_d = 537 psia

D = 952 MCF/D

Company EL PASO NATURAL GAS COMPANY

By K. L. Kendrick

Title Sr. Gas Engineer

Witnessed By _____

Company _____