

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

Form C-104
Rev. 10-1-57

REQUEST FOR (OIL) - (GAS) ALLOWABLE

Record
Recordation

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

9/15/60
Date

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS

El Paso Natural Gas Company **San Juan 28-5** Well No. **21** in NW 1/4 SW 1/4
Company or Operator Lease

L Sec **35** T **28** R **5** NMPM. **Blanco Mesa Verde** Pool
Unit Later Re: Completed

Rio Arriba

County Date Spudded **9/15/60**
Elevation **6619 (G)** Total Depth **5840**

Please indicate location:

Top of Gas Pay **5216** Name of Section **Mesa Verde**

Section 35, Township 28N, Range 5E

Conf. Interval _____

Perforation _____

Section 35, Township 28N, Range 5E

Natural Fract. Tests _____

Test After Acid or Fracture Treatment (after recovery of volume of fluid equal to volume of fracture)

1. an oil used: _____ oil, oil, _____ gas, water in _____ test, _____ size

Section 35, Township 28N, Range 5E

Natural Fract. Tests _____

2. an oil used: _____ oil, oil, _____ gas, water in _____ test, _____ size

Test After Acid or Fracture Treatment _____

1. an oil used: _____ oil, oil, _____ gas, water in _____ test, _____ size

2. an oil used: _____ oil, oil, _____ gas, water in _____ test, _____ size

3. an oil used: _____ oil, oil, _____ gas, water in _____ test, _____ size

4. an oil used: _____ oil, oil, _____ gas, water in _____ test, _____ size

5. an oil used: _____ oil, oil, _____ gas, water in _____ test, _____ size

6. an oil used: _____ oil, oil, _____ gas, water in _____ test, _____ size

7. an oil used: _____ oil, oil, _____ gas, water in _____ test, _____ size

8. an oil used: _____ oil, oil, _____ gas, water in _____ test, _____ size

9. an oil used: _____ oil, oil, _____ gas, water in _____ test, _____ size

10. an oil used: _____ oil, oil, _____ gas, water in _____ test, _____ size

11. an oil used: _____ oil, oil, _____ gas, water in _____ test, _____ size

12. an oil used: _____ oil, oil, _____ gas, water in _____ test, _____ size

13. an oil used: _____ oil, oil, _____ gas, water in _____ test, _____ size

14. an oil used: _____ oil, oil, _____ gas, water in _____ test, _____ size

15. an oil used: _____ oil, oil, _____ gas, water in _____ test, _____ size

16. an oil used: _____ oil, oil, _____ gas, water in _____ test, _____ size

17. an oil used: _____ oil, oil, _____ gas, water in _____ test, _____ size

18. an oil used: _____ oil, oil, _____ gas, water in _____ test, _____ size

19. an oil used: _____ oil, oil, _____ gas, water in _____ test, _____ size

20. an oil used: _____ oil, oil, _____ gas, water in _____ test, _____ size

Tubing, Casing and Cementing Record

Size	Feet	Size
10-3/4	194	200
7-5/8	3661	200
5-1/2	5828	200
2	5699	

Remarks: **An Intermittent was installed. Turned back on production 9/15/60.**

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

Approved **OCT 28 1960**

El Paso Natural Gas Company
Company or Operator

OIL CONSERVATION COMMISSION

By **Original Signed Emery C. Arnold**

Title **Supervisor Dist. # 3**

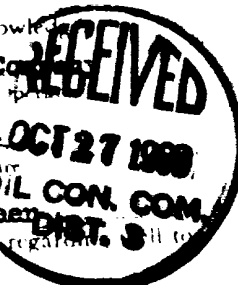
By **Signature**

Title **Production Engineer**

Send Communication regarding

Name

Address



STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION
AZTEC DISTRICT OFFICE

NUMBER OF COPIES RECEIVED

DISTRICT

SANITAE

FILE

0505

4-0-0000

FRANKS OIL CO.

OIL

COSE

PRODUCTION OFFICE

OPERATOR

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)

Initial
Deliverability Test

86008 Pool BLANCO Lease SAN JUAN 28 5 No. 21
Formation MV Unit L S 35 T 28 R 05 Pay Zone 5216 to 5762 Cty. RA
Casing - OD 5500 Wt. 1400 Set at 5828 Tubing - OD 2000 Wt. 0470 L 5669 (T. Perf.)
Operator EL PASO NATURAL GAS CO. Purchasing Pipeline EL PASO NATURAL GAS CO.

OBSERVED DATA

Period of Test Flow
From 092960 To 100760 S.I.P. Measured 061460 Prod. String O.D. 2.000
Deadweight Flowing Pressure, psia
Casing (a) Tubing (b) Meter (c) Wt. 4.70
Flowing Pressure, psia
Chart (d) Tubing 685 (k) Casing (j) Length 5669
Deadweight Shut-in Pressure, psia

Meter Error 0 (e) Friction Loss 0 (f) 7 Day Avg. Flowing Pres., psia
Chart 513 (g) Corrected 513 (h)

FRICITION CALCULATION

Grav. .684 $P_t =$ 513 (i) $GL =$ 3878 $(1-e^{-s}) =$.246
 $(F_c Q)^2 =$ 4012 $(1-e^{-s})(F_c Q)^2 = R^2 =$ 987 $P_t^2 =$ 263169 $P_w^2 =$ 264156

FLOW RATE CALCULATION

$Q =$ 213 $\times \left[\sqrt{\frac{(c)}{(d)}} \right] =$ 1.0000 $=$ 213
(integrated)

DELIVERABILITY CALCULATION

$D = Q$ 213 $\times \left(\frac{\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right]}{1.7144} \right)^N =$ 1.4982 $=$ 319

Unable to obtain 25% drawdown
An intervalometer installed. Turned back on production 9/15/60.

SUMMARY

$P_c =$ 685
 $Q =$ 213
 $P_w =$ 514
 $P_d =$ 343
 $D =$ 319

D at 250 or 500 214

Note:
250 # for P.C.
500 # for M.V.

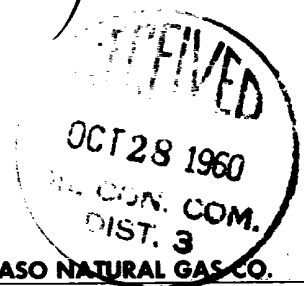
Company EL PASO NATURAL GAS CO.

By M. L. KENDRICK

Title GAS ENGINEER

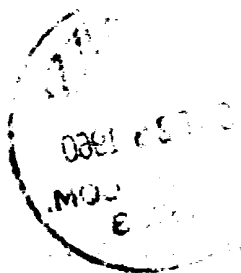
Witnessed By

Company



✓

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ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED
DATE 03-11-2010 BY 60322 UCBAW/STP/STP