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(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Santa Fe
Lease No. 070987
Unit Canyon Largo Unit

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	X
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING 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.....		

AUG 15 1958
U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

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

August 13, 1958

Well No. 18 is located 1450 ft. from N line and 920 ft. from W line of sec. 35
SW Sec. 35 25N 7W A.M.P.M.
 (1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
So. Blanco P.C. Ext. San Antonio New Mexico
 (Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 6905 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)

8-1-58. Total Depth 2620'.
 Run 63 joints 5 1/2", 15.50#, J-55 casing (2609') set at 2619' with 50 sacks regular cement, 50 sacks Pozmix, 2# gel, followed by 50 sacks regular cement.
 Hold 1000# for 30 minutes.
 Top of cement by temperature survey at 1500'.



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

Company El Paso Natural Gas Company
 Address Box 997
Farmington, New Mexico
 By Original Signed D. C. Johnston
 Title Petroleum Engineer

1. The first part of the paper discusses the importance of understanding the underlying mechanisms of the observed phenomena. This is crucial for developing effective interventions and policies.

2. The second part of the paper presents a detailed analysis of the data collected from the study. The results show a significant correlation between the variables of interest, which supports the hypothesis that the proposed model is valid.

3. The third part of the paper discusses the implications of the findings for future research and practice. It highlights the need for further studies to explore the long-term effects of the interventions and to identify the most effective strategies.

4. The fourth part of the paper concludes the study by summarizing the key findings and reiterating the importance of the research. It also provides a brief overview of the limitations of the study and suggests areas for future research.

5. The fifth part of the paper provides a detailed discussion of the methodological aspects of the study, including the design, data collection, and analysis procedures. This section is intended to provide transparency and allow for the replication of the study.

6. The sixth part of the paper discusses the ethical considerations of the study and the steps taken to ensure the protection of the participants. It also addresses the potential for bias and the measures taken to minimize it.

7. The seventh part of the paper provides a detailed discussion of the theoretical framework that underpins the study. It explains how the theoretical concepts are operationalized and how they relate to the research objectives.

8. The eighth part of the paper provides a detailed discussion of the practical implications of the findings. It discusses how the results can be used to inform policy and practice, and how they can be applied in real-world settings.

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)

72-315-01

Pool South Blanco P.C. ext. Formation Pictured Cliffs County Rio Arriba
Purchasing Pipeline El Paso Natural Gas Date Test Filed _____

Operator El Paso Natural Gas Lease Canyon Largo Unit Well No. 18
Unit L Sec. 35 Twp. 25N Rge. 7W Pay Zone: From 2516 To 2583
Casing: OD 5.5 WT. 15.5 Set At 2619 Tubing: OD 1.25 WT. 2.4 T. Perf. 2531
Produced Through: Casing _____ Tubing I Gas Gravity: Measured .696 Estimated _____
Date of Flow Test: From 10/7/58 To 12/15/58 * Date S.I.P. Measured 10/21/58 (63 days)
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 (7.00) ² x sp. const. 500 = 245 psia (g)
Corrected seven day avge. meter press. (p_f) (g) + (e) _____ = 245 psia (h)
P_t = (h) + (f) _____ = 245 psia (i)
Wellhead casing shut-in pressure (Dwt) 666 psig + 12 = 678 psia (j)
Wellhead tubing shut-in pressure (Dwt) 666 psig + 12 = 678 psia (k)
P_c = (j) or (k) whichever well flowed through _____ = 678 psia (l)
Flowing Temp. (Meter Run) 62 °F + 460 _____ = 522 °Abs (m)
P_d = ½ P_c = ½ (l) _____ = 339 psia (n)

FLOW RATE CALCULATION

Q = _____ X $\left(\frac{\sqrt{(c)}}{\sqrt{(d)}} \right)^* = \underline{1199}$ MCF/da
(integrated)

DELIVERABILITY CALCULATION

D = Q 1199 $\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right]^n = \underline{1368}$ MCF/da.
344763 1.1683
297094 1.1413

SUMMARY

P_c = 678 psia
Q = 1199 Mcf/day
P_w = 409 psia
P_d = 339 psia
D = 1368 Mcf/day

Company El Paso Natural Gas
By Original Signed
Title Harold L. Kendrick
Witnessed by _____
Company _____

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

REMARKS OR FRICTION CALCULATIONS

GL	(1-e ^{-S})	(F _c Q) ²	(F _c Q) ² (1-e ^{-S}) R ²	P _t ² (Column i)	P _t ² + R ²	P _w
1762	.120	871.371	104,363	60,025	164,590	405

D at 250 = 1177



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

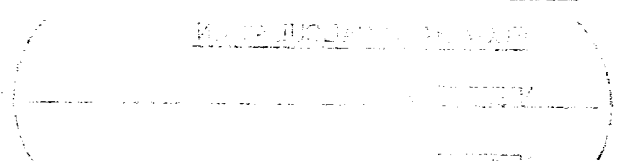
THIS SHEET IS TO BE USED FOR RECORDING PICTURED CLIPPER MEASUREMENTS AND
EXPERT BARKER HOME STORAGE AREA

10-10-52

Well No. 10-10-52 Date 10-10-52 Location San Juan Basin
Operator Oil Conservation Commission Tester John A. Barker
Well Depth 10,000 ft. Gas Pressure 100 psi
Gas Flow Rate 100 cu. ft. per min. Gas Temperature 100 F.
Well Head Pressure 100 psi. Well Head Temperature 100 F.
Well Head Diameter 10 in. Well Head Weight 10 lb.
Well Head Material Steel. Well Head Condition Good
Well Head Location San Juan Basin. Well Head Orientation North
Well Head Elevation 100 ft. Well Head Azimuth 100 deg.

TEST RESULTS

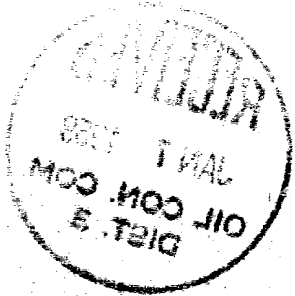
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10-10-52	10-10-52	San Juan Basin	Oil Conservation Commission	John A. Barker	10,000	100	100	100	100	100	10	10	Steel	Good	San Juan Basin	North	100	100



10-10-52