

Deliver

WELL DELIVERABILITY TEST REPORT FOR 1963

Form C122-A
Revised 1-1-65

POOL NAME Blanco	POOL SLOPE n = .75	FORMATION Mesa Verde	COUNTY San Juan
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COMPANY El Paso Natural Gas Company			WELL NAME AND NUMBER Standard Oil Com No. 1		
UNIT LETTER N	SECTION 36	TOWNSHIP 29	RANGE 9	PURCHASING PIPELINE El Paso Natural Gas Company	
CASING O.D. - INCHES 4.500	CASING I.D. - INCHES 4.052	SET AT DEPTH - FEET 4550	TUBING O.D. - INCHES 2.375	TUBING I.D. - INCHES 1.995	TOP - TUBING PERF. - FEET 4468
GAS PAY ZONE FROM 3757 TO 4476		WELL PRODUCING THRU CASING TUBING X		GAS GRAVITY .630	GRAVITY X LENGTH 3038
DATE OF FLOW TEST FROM 5-18-68 TO 5-25-68			DATE SHUT-IN PRESSURE MEASURED 4-19-68		

PRESSURE DATA - ALL PRESSURES IN PSIA

(a) Flowing Casing Pressure (DWt) 504	(b) Flowing Tubing Pressure (DWt) 504	(c) Flowing Meter Pressure (DWt) 783	(d) Flow Chart Static Reading 282	(e) Meter Error (Item c - Item d) 783	(f) Friction Loss (a-c) or (b-c) Pd = 80 % P _c 626	(g) Average Meter Pressure (Integr.) 504
(h) Corrected Meter Pressure (g + e) 504	(i) Avg. Wellhead Press. P _i = (h + f) 504	(j) Shut-in Casing Pressure (DWt) 783	(k) Shut-in Tubing Pressure (DWt) 282	(l) P _i = higher value of (i) or (k) 783	(m) Del. Pressure Pd = 80 % P _c 626	(n) Separator or Dehydrator Pr. (DWt) for critical flow only

FLOW RATE CORRECTION (METER ERROR)

Integrated Volume - MCF/D 323	Quotient of $\frac{\text{Item c}}{\text{Item d}}$ 1.0000	$\sqrt{\frac{\text{Item c}}{\text{Item d}}}$ 1.0000	Corrected Volume Q = 323 MCF/D
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WORKING PRESSURE CALCULATION

$(1 - e^{-s})$.198	$(F_c Q_m)^2 (1000)$ 9223	$R^2 = (1 - e^{-s}) (F_c Q_m)^2 (1000)$ 1826	P_i^2 254016	$P_w^2 = P_i^2 + R^2$ 255842	$P_w = \sqrt{P_w^2}$ 506
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DELIVERABILITY CALCULATION

$D = Q \left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} \right]^n$ 323	$\left[\frac{221213}{357247} \right]^n = \left[\frac{.618}{.6980} \right]^n$ 225	MCF/D
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REMARKS: First Delivered after OWWO 5-2-68

SUMMARY

Item h 504 Psia
P_c 783 Psia
Q 323 MCF/D
P_w 506 Psia
P_d 626 Psia
D 225 MCF/D

Company El Paso Natural Gas Company
By H. E. McAnally H. E. McAnally
Title Well Test Engineer
Witnessed By
Company

RECEIVED

JUL 9 1968

OIL CON. COM.
DIST. 3