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deliverabi

NEW MEXICO OIL CONSERVATION COMMISSION
WELL DELIVERABILITY TEST REPORT FOR 19 70

Form C122-A
Revised 1-1-68

POOL NAME Blanco	POOL SLOPE n = .75	FORMATION MV	COUNTY SJ
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71367

COMPANY El Paso Natural Gas Co.			WELL NAME AND NUMBER San Juan 32-9 Unit No. 44		
UNIT LETTER G	SECTION 11	TOWNSHIP 31	RANGE 10	PURCHASING PIPELINE EPNG	
CASING O.D. - INCHES 5.500	CASING I.D. - INCHES 4.950	SET AT DEPTH - FEET 5450	TUBING O.D. - INCHES 2.375	TUBING I.D. - INCHES 1.995	TOP - TUBING PERF. - FEET 5354
GAS PAY ZONE FROM 4826 TO 5356		WELL PRODUCING THRU CASING TUBING X		GAS GRAVITY .680	GRAVITY X LENGTH 3641
DATE OF FLOW TEST FROM 10-21-69 TO 10-25-69			DATE SHUT-IN PRESSURE MEASURED 4-11-69		

PRESSURE DATA - ALL PRESSURES IN PSIA

(a) Flowing Casing Pressure (DWt) -	(b) Flowing Tubing Pressure (DWt) -	(c) Flowing Meter Pressure (DWt) -	(d) Flow Chart Static Reading -	(e) Meter Error (Item c - Item d) -	(f) Friction Loss (a-c) or (b-c) -	(g) Average Meter Pressure (Integr.) 416
(h) Corrected Meter Pressure (g+e) 416	(i) Avg. Wellhead Press. $P_i = (h+f)$ 416	(j) Shut-in Casing Pressure (DWt) 729	(k) Shut-in Tubing Pressure (DWt) 677	(l) P_c = higher value of (j) or (k) 729	(m) Del. Pressure $P_d = 80$ % P_c 583	(n) Separator or Dehydrator Pr. (DWt) for critical flow only

FLOW RATE CORRECTION (METER ERROR)

Integrated Volume - MCF/D 1727	Quotient of $\frac{\text{Item c}}{\text{Item d}}$ 1.0000	$\sqrt{\frac{\text{Item c}}{\text{Item d}}}$ 1.0000	Corrected Volume Q = 1727 MCF/D
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WORKING PRESSURE CALCULATION

$(1-e^{-s})$.233	$(F_c Q_m)^2 (1000)$ 263,648	$R^2 = (1-e^{-s}) (F_c Q_m)^2 (1000)$ 61.430	P_i^2 173,056	$P_w^2 = P_i^2 + R^2$ 234,486	$P_w = \sqrt{P_w^2}$ 484
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DELIVERABILITY CALCULATION

$D = Q \left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} \right]^n =$ 1727	$\left[\frac{191552}{296955} \right]^n =$.6450	$=$.7197	$=$ 1243 MCF/D
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REMARKS:

Compressor installed on 10-8-69 to aid in unloading liquids.

SUMMARY

Item h 416 Psia
P_c 729 Psia
Q 1727 MCF/D
P_w 484 Psia
P_d 583 Psia
D 1243 MCF/D

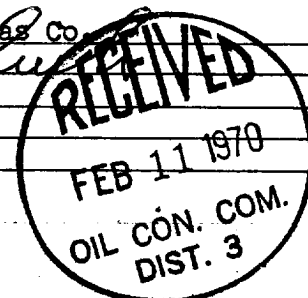
Company El Paso Natural Gas Co

By

Title

Witnessed By

Company



OK