

POOL NAME	POOL SLOPE	FORMATION	COUNTY
SO BLANCO	n = .85	PO	SJ

87-064

COMPANY			WELL NAME AND NUMBER		
EL PASO NATURAL GAS CO			STOREY #7		
UNIT LETTER	SECTION	TOWNSHIP	RANGE	PURCHASING PIPELINE	
P	35	28	8	EL PASO NATURAL GAS CO.	
CASING O.D. - INCHES	CASING I.D. - INCHES	SET AT DEPTH - FEET	TUBING O.D. - INCHES	TUBING I.D. - INCHES	TOP - TUBING PERF. - FEET
2.875	2.441	3280	0.000	0.000	0
GAS PAY ZONE		WELL PRODUCING THRU		GAS GRAVITY	GRAVITY X LENGTH
FROM 3227 TO 3237		CASING X TUBING		0.653	2123
DATE OF FLOW TEST			DATE SHUT-IN PRESSURE MEASURED		
FROM 09/30/69 TO 10/08/69			07/24/69		

(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.)
0	0	0	0	0	0	239
(h) Corrected Meter Pressure (g+e)	(i) Avg. Wellhead Press. P _i = (h+f)	(j) Shut-in Casing Pressure (DWt)	(k) Shut-in Tubing Pressure (DWt)	(l) P _s = higher value of (i) or (k)	(m) Del. Pressure P _d = 80 % P _c	(n) Separator or Dehydrator Pr. (DWt) for critical flow only
239	239	927	0	927	742	

Integrated Volume - MCF/D	Quotient of $\frac{\text{Item c}}{\text{Item d}}$	$\sqrt{\frac{\text{Item c}}{\text{Item d}}}$	Corrected Volume
242	1.0000	1.0000	Q = 242 MCF/D

(1-e ^{-s})	(F _c Q _m) ² (1000)	$\frac{R^2}{(1-e^{-s}) (F_c Q_m)^2 (1000)}$	P _t ²	P _w ² = P _t ² + R ²	P _w = $\sqrt{P_w^2}$
.143	1,804	258	57121	57379	240

DELIVERABILITY CALCULATION					
$D = Q \left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} \right]^n = 242 \left[\frac{308765}{801958} \right]^n = (0.3850)^n = 0.4443 = 108 \text{ MCF/D}$					

REMARKS: New Well 1st delivery Sept. 5, 1969.

SUMMARY

Item h	239	Psia
P _c	927	Psia
Q	242	MCF/D
P _w	240	Psia
P _d	742	Psia
D	108	MCF/D

Company EL PASO NATURAL GAS CO
By *[Signature]*
Title
Witnessed By
Company

RECEIVED
NOV 10 1969
OIL CON. COM.
DIST.
