			MULT:	I-POINT BA	ACK PRES	SURE TES	r FOR GAS	WELLS	F	Revised 12-1-55	
				ormation Yates							
nitial Annual Special X Date of Test 10-24/10-27/19 ara T. Scott And First National Bank in Dallas, Thuston U.W.O Paul P. Scott V. Wella B-12										24/10-27/1959	
ara T. Scott And First National Pank in Dallas, ompany Trustee, U-W-O Paul P. Scott Lease Wells B-12 Well No. 2										!	
nit A Sec. 12 Twp. 25 Rge. 36 Purchaser K1 Paso Natural Gas Company											
asing 52" Wt. I.D. Set at 2809 Perf. Open Hole To											
Tubing 2" Wt. 4.7# I.D.				Set at 2795 Pe							
Gas Pay: From 2890 To 3032 L 2795 xG .6550 -GL 1831 Bar.Press. 13.2											
Producing Thru: Casing Tubing X Type Well Single											
	Date of Completion: 7-14-1952				Single-B			ragennead-G. G. or G.O. Dual			
OBSERVED DATA											
ested Through (EXXXX) (Meter) Type Taps Flange											
			w Data				Data	Casing D			
No.	(Prover) (Line)	(Choke		1 1			Temp.		1 1	Duration of Flow	
	Size	Size	psig	g h _w	~	psig 365		psig 366	³ F•	Hr. 72	
SI 1.	1	•500	335	18.49		336		336		214	
2.	4	.500		49.70		254 249		320 313		2h	
3. 4.	4	•500 •500		68.06		284		307		5/1	
FLOW CALCULATIONS Coefficient Pressure Flow Temp. Gravity Compress. Rate of Flow											
No.	FLG. (24-Hou	r) -/	/hwpf	psia	psia Fac		Factor F _g	1 -		Q-MCFPD 15.025 psia	
1.	1.525	- V	80.24		348.2 .988				3	119.6	
2.	1.525		114.6	264.2	264.2 .995		2 .9571		5	170.7	
3.	1.525		132.3	260.2	.991		.9571 1.02			196.0 210.0	
3° 4°	1.525		141.7	295.2	.988	57	.9571	1.02	<i>t</i>	210.0	
PRESSURE CALCULATIONS Gas Liquid Hydrocarbon Ratiocf/bbl. Specific Gravity Separator Gas											
	ity of Liquid	d Hydroc	arbons(1_e	<u>, </u>	deg. S			ecific Gravity Flowing Fluid			
P_{c} Measured (1-e ^{-s}) P_{c} 379.2 P_{c}^{2} 143.8											
No.	RX (psia)	Pt ²	F _c Q	$(F_cQ)^2$	(F (1	(cQ) ² (-e-s)	P _w 2	P _c ² -P _w ²	Ca.	, Pc	
1	349.2						121.9	21.9		.9180	
2 .	333.2 326.2			Measured	-		111.0	32.8 37.4		.8743 .8552	
4.	320.2						102.5	41.3	+	.8388	
5.			<u></u>					L			
Absolute Potential: 625 MCFPD; n .883 COMPANY Clara T. Scott & First National Bank in Dallas, Trustee, U-W-O Paul P. Scott											
ADD	RESS P. O.	Box 603	L. Dallas	22, Texa	8	<u> </u>					
AGE	NT and TITLE	Rober	t B. Ray.	Oil Engi	neer	haber	\$ B. Vie	4			
WITNESSED Earl G. Smith COMPANY El Paso Natural Gas Company											

REMARKS

INSTRUCTIONS

This form is to be used for reporting multi-point back pressure tests on gas wells in the State, except those on which special orders are applicable. Three copies of this form and the back pressure curve shall be filed with the Commission at Box 871, Santa Fe.

The log log paper used for plotting the back pressure curve shall be of at least three inch cycles.

NOMENCLATURE

- Q I Actual rate of flow at end of flow period at W. H. working pressure (Pw). MCF/da. @ 15.025 psia and 60° F.
- P_c = 72 hour wellhead shut-in casing (or tubing) pressure whichever is greater. psia
- Pw Static wellhead working pressure as determined at the end of flow period. (Casing if flowing thru tubing, tubing if flowing thru casing.) psia
- Pt Flowing wellhead pressure (tubing if flowing through tubing, casing if flowing through casing.) psia
- P_{f} Meter pressure, psia.
- $h_{\mbox{W}}$ Differential meter pressure, inches water.
- F_g : Gravity correction factor.
- F_t Flowing temperature correction factor.
- F_{DV} Supercompressability factor.
- n I Slope of back pressure curve.

Note: If $P_{\rm W}$ cannot be taken because of manner of completion or condition of well, then $P_{\rm W}$ must be calculated by adding the pressure drop due to friction within the flow string to $P_{\rm t}$.