For	110	C-T	.22
Revised	12	-1-	55

Pool	Blanco M	esa Ve	rde	I	ormation_	Mest	verde		_County	San J	uen	
Init	ial_ XX		_Annua	1		Spec:	ial		_Date of	Te s t	7-13-64	
Company Southern Union Production Lease Navajo Well No. 5-8												
Unit	L s	ec 3	O Twp	27	Rge	. <u>8-4</u>	Purc	haser	El Paso	Netural	Ges Co.	
Casi	ng 5-1/2 W	t. <u>17</u>	<u>/</u> _I.	D. b .	8 92 Set	t at6	<u>550 </u>	rf. <u>42</u>	39	To	հի26	
	Tubing 1-1/4 Wt. 2.30 I.D. 1.380 Set at 4411 Perf. 4401 To 4411											
	Gas Pay: From 4289 To 4426 L 4289 xG .730 -GL 3131 Bar. Press. 12.0											
	Producing Thru: Casing XX Tubing Type Well Dual G.G. Single-Bradenhead-G. G. or G.O. Dual											
Single-Bradenhead-G. G. or G.O. Dual Date of Completion: 6-24-64 Packer 6350 Reservoir Temp.												
	•	_					ED DATA					
To at	ed Through	(Prov	er) (C	lhoke) (Meter)				Type Tap	s		
	ed Inrodgii		low Da		7 1100017		Tubine	Data	Casing I			
	(Prover)	(Chc	ke)	Pres	s. Diff.	Temp.		Temp.			Duration of Flow	
No.	(Line) Size		ice) ze	psi,	g h _w	o _F .	psig	o _F ,	psig	o _F .	Hr.	
SI							1070	-	1064	000	19 days	
1. 2.	24	3/4		439		83	536		<u>h39</u>	830	3 hrs.	
3.												
4.								<u> </u>	· · · · · · · · · · · · · · · · · · ·	 	<u> </u>	
5.		<u> </u>					<u> </u>		L	<u> </u>	<u></u>	
						FLOW CAL	CULATIO	NS				
 -r	Coeffici	ent.			Pressure		Temp.		Compre	ess.	Rate of Flow	
No.	COCTICI	CIIO			11000		tor	Factor	Facto	or	Q-MCFPD	
	(24-Hour) √ h _w i		or psia		F	Ft		Fpv		● 15.025 psia 5220		
1.					451	151 .9786		.9066	1.055			
2. 3.												
4. 5.			<u> </u>									
Grav	Liquid Hydro	id Hyd:	rocarb	o ons_ l-e ^{-s}		cf/bbl.deg.	•	Speci Speci	ific Grav ific Grav 1082	ity Flo	arator Gaswing Fluid 117072h	
	$P_{\mathbf{W}}$		2 7		(F _c Q) ²	2 (1	$(c_0)^2$	P _w 2	$P_c^2 - P_w^2$	C	al. P.	
No.	Pt (psia)	P	t r	cQ	(FcW)	(1-e-s)	' w~	1 C W		P _w P _c	
1.	- C (P52-7)	 			+			300304	870420		•506	
2.									 	_+		
3.	· 	 							 			
4. 5.		+			+				 	1		
						MORRE		19.50				
	olute Poten	tial:	5	519	Productio	MUFPU COMPAN	; n	• (5				
COM	PANY RESS	P. A	Boy	808 -	Farmingt	on. New	Mexico					
AUU ACE	NT and TITL	E I	/erne	Rock	hold - Jr	. Engr.				60		
	NESSED		Tom	Orant	•					Jott	<u> </u>	
	PANY	Bl Pa	so Nat	urel	Gas Compe	ny				/ PLI	<u> </u>	
(3) (1) (1) (1) (1)	New Mexico Mr. Paul El Paso No Mr. H. L. File	J. Clo	te - D Gas C	allas	y - Prore	.on Lions De	MARKS pt., Bo	x 1492, El ico	l Paso, To	JUL 1 Care	151964 CON. COM. DIST. 3	

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 ($P_{\rm W}$). MCF/da. @ 15.025 psia and 6C° F.
- P_c = 72 hour wellhead shut-in casing (or tubing) pressure whichever is greater. psia
- P_w 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
- Pf Meter pressure, psia.
- hw Differential meter pressure, inches water.
- FgI Gravity correction factor.
- F_t Flowing temperature correction factor.
- Fpv Supercompressability factor.
- n I Slope of back pressure curve.

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