3**-0CC**

1-EPMG Bill Parish

1-WD

1-D

1-F

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-122

SWP-95

			MULTI-	POINT BA	ACK PRES	SURL TES	T FOR GAS	WILS		Revised 12-1-5	
ool _	Basin-Dal	tota	Fo:	rmation_	Dak	ota		_County	San Ju	an	
nitia	1. X	Anı	nual		3p ec :	ial		_Date o	Test_	2/7/62	
ompan	y Southwes	st Produc	tion Compa	any I	Lease	Hancock	Federal		11 No	5	
it _	_ K Se	ec. <u>23</u>	Iwp. 27	Rge	e. <u>1</u>]	Purc	haser_E	i Paso Na	tural G	as Company	
.sing	42 W1	10.5	OI.D. 4.0	40 Set	t at _67	39 Pe	rf. 66	515	o	6633	
bing	1 1 Wt	2.7	51.D. 1.6	10 Set	t at _ 66	27 Pe	rf. <u>O</u>	oen	<u> </u>	End	
										ess. 12.0	
										G.O. Dual	
										G.O. Dual	
	•					ED DATA					
sted	Through	(PYNYNY)	(Choke)	(Mekek)				T≠oe T	4 £ 3		
		Flow				Tabine	Data				
	(Prover) (Line)	(Choke) (Orifice	Press.	Diff.	Temo.	Press.	Temp.	Fress.	Temp.	Duration of Flow	
<u>'</u>	Size	Size	psig	h _w	°F.	psig	°F.	psig	o _F .	Hr.	
-		3/4"	313		65	2022 313	65	2022		8 days	
		<u> </u>					 				
-											
<u> </u>											
	Coefficient (24-Hour) $\sqrt{}$		h _w p _f psia		e Flow Temp. Factor		Factor Fg	Fac F _C	50.0	Q-MCFPD 0 15.025 psia	
12	•3650			325	.995	2	.9463	1)34	3,913	
					Control of the Assessment of the State of th						
-					and the state of t						
				PR	ESSURE D	ALCUTATI	ONS				
Liq	uid Hydro	carbon Ra	.tio		cf/bbl.		Spec	ific Gra	vity Se p	parator Gas	
avity of Liquid Hydrocarbons (1-e ⁻⁵)						deg. Specific P _{c 2034}			Gravity Flowing Fluid		
					Mar versenni (All. Jest Verge, das Berneril (Al	•	Pw	1239		1535.1	
F	w	Pt.	F _c Q	$(F_cQ)^2$	(7	(a)2	P.,2	P _c		Cal. P.	
F	t (psia)	t t	' c	(1 C#.)		e_s)				F Pc	
1					<u> </u>		4137.1	260.	-6	609	
								. و بالمستوكلة و يا ياماد جوووسي			
	ite Potent				MCFPD		5				
MPAN DRES			west Prod		Company			digo (gar a da) — a differencia de «)		and the second s	
GENT	and TITLE		e L. Hoff					Commence - Approximation	OFF		
LTNES OMPAN	SSED				and the second of the second o				urpl	////	
JITAI	* 1				251	MARKS			FERT.	Ligi i	
								\ .	IL Co	<u>l</u> iyî	
								1	DIST	Popular Commence	
									No man !	No. 17	

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_w) . 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
- Pf Meter pressure, psia.
- hw Differential meter pressure, inches water.
- $F_g = Gravity$ correction factor.
- Ft Flowing temperature correction factor.
- F_{pv} Supercompressability factor.
- n I Slope of back pressure curve.
- Note: If $P_{\mathbf{W}}$ cannot be taken because of manner of completion or condition of well, then $P_{\mathbf{W}}$ must be calculated by adding the pressure drop due to friction within the flow string to $P_{\mathbf{t}}$.