Form C-12 RESSURE TEST FOR GAS WELLS Revised 12-1-5	K PRESSUR	POINT BA	MULTI-				
s & Seven Rivers 2 :County Lea	Yatos &	mation_	Fo	Pagi	t Gas	inlest	Pool
pecialDate of Test 1/25 thru 2/1/5							
State McDonald Nc Well No. 25	_ . _						
6-E Purchaser Permian Basin Pipeline Company							
3712 Perf. • To						_	
3246 Perf. 3241 To 3245			\ <u></u>				
xG 0.660 -GL 2139 Bar.Press. 13.2				•			
Type Well Single Single-Bradenhead-G. G. or G.O. Dual	lg	Tuo		sing	; Cas	.ucing Inru:	Tou
Reservoir Temp	3018-24	_Packer	4	7/9/5	ion:	of Complet	ate
RVED DATA	BSERVED						
Type Taps Fipe Taps		Meter)	innice).	mer) (f	Prov	ed Through	est
Tubing Data Casing Data	T		ita	Flow Da			
		Diff.	Press.		(CM	(Line)	
	o _F .	h _w	psig			(Line) Size	3
897 Phr 72 hr S.I.							Ţ
733 " 24 hrs		7.61	606 595		1.75	iges ign	` +
669 " 24 hrs		8.82	630		1.75	491	•
622 " 24 hrs		13.94	587		1.75	411	
							<u>- !</u>
ALCULATIONS W Temp. Gravity Compress. Rate of Flow	W CALCUL Flow Tem	ssure	Pre		ent	Coeffici	\neg
	Factor					(4)	0.
Ft Fg Fpv @ 15.025 psia		sia	- 1 -	√ h _w p	ir)	(24-Hou	
	, 9680 , 9688	.2	5 61	28.1 68.0		21.69	c
63 0.9535 1.05h 1585 62 0.9535 1.048 1915	.9653	.2	2 64	75.3		21.69 21.69	+
62 0.9535 1.048 1915			7 60	91.4		21.69	

No.	- (.)	$P_{\mathbf{t}}^{2}$	F _c Q	$(F_cQ)^2$	$(F_cQ)^2$	P _w 2	$P_c^2 - P_w^2$	Cal.	Pw
	Pt (psia)				(1-e-s)	<u> </u>		P _W	P _C _
I.]	746.2	556.8	5.892	34.72	4.8	561.5	111.1	749.4	91.4
2.	698.2	487.5	14.278	293,86	27.9	515.4	157.3	717.9	87.5
3.	682.2	465.4	15.749	248.83	34.0	499.4	173.3	706,7	86.2
4.	635.2	403.5	19.027	362.03	49.6	453.1	219.6	673.1	82.1
5•]									
Absolute Potential:		5,000		MCFPD; n	0.857723				

COMPANY The Ohio Bil Company
P. B. Bax 2107, Hebbs, New Mexico
Themes G. Webb + Petroleum Engineer
Mr. P. H. Rendolph
El Paso Natural Cas Company ADDRESS Chomes O. AGENT and TITLE WITNESSED COMPANY REMARKS

* 44" 0.8. casing perfs as follows: 3090-3180, 3212-3274, 3314-3510

ELVIS A. UTZ GAS ENGINEER

INSTRUCTIONS

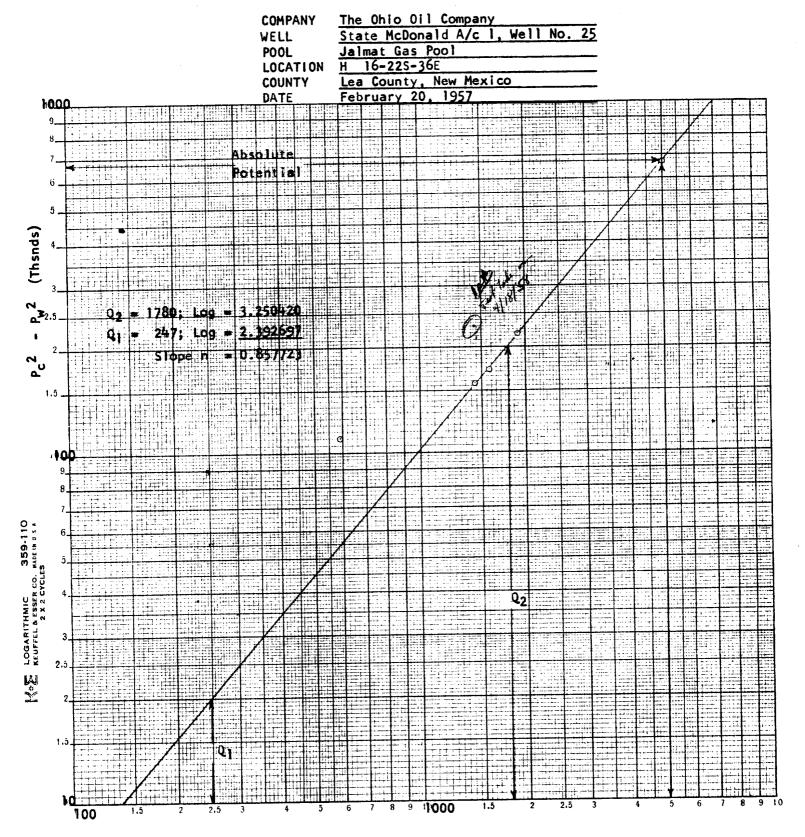
This form is to be used for reporting multi-point back pressure tests on gas wells in the State, except those on which special orders are applicable. Three copies of this form and the back pressure curve shall be filed with the Commission at Box 871, Santa Fe.

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
- 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
- P_{t-} Flowing wellhead pressure (tubing if flowing through tubing, casing if flowing through casing.) psia
- Pf Meter pressure, psia.
- $h_{\mathbf{W}}^{\perp}$ Differential meter pressure, inches water.
- Fg Gravity correction factor.
- F_{t} 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 $P_{\mathbf{t}}$.



Q - MCFPD - 15.025 psia