NEW MEXICO OIL CONSERVATION COMMISSION
HOBBS OFFICE OCC
MULTI-POINT BACK PRESSPROCTEST FOR GAS: WELLS

Form C-122 Revised 12-1-55

Pool	Fo				ormation Parties				County County			
Initial	al Annual				Special				_Date of	Test_	-39/1	M 1997
				Lease								
Unit	• s	ec	Tw	o. 1	Rg	e. 5	Purc	haser	R App I	Aresta (D
Casing 5 Wt. Wt. I.D.					Set atPerf			plays	То			
Tubing	W	t. <u> </u>	I	.D.	Se	t at	986 Pe	erf.		To		
Gas Pay	From_	2634	_To	3680	L, \$		kG ••	D -GL 1	APS	Bar.Pre	88	13.8
Producing Thru: Casing Tubing Type Well Single-Bradenhead-G. G. or G.O. Dual Date of Completion: Packer Reservoir Temp.												
Date of Completion: Packer Reservoir Temp.												
						OBSERV	MED DATA					
Tested T	Through	(Prov	<u>er) (</u>	Choke)	(Meter)			Type Taps				
		F	low Da	ata	Tubing			Data	Casing I	T		
(1		(400)		Press	. Diff.	Temp.		Temp.			1	Duration
No. ((Line)				h	o _F .	naia	o _F .	nais	200		of Flow Hr.
	Size	31	.ze	barg	h _w	Г•	hark	F 4	harra	F *		
SI 1.	1.70			ه الله	100		-3	 		 		7
2.		 		100	17.50	7	125	 		 	†	
3.	1.99	†				7.	1:5					
4.	1 L. 750				24.3		_ 630 _			<u> </u>		
FLOW CALCULATIONS Coefficient Pressure Flow Temp. Gravity Compress. Rate of Flow												
No. (24-Hour)		j	/			Fac	tor	Factor	Factor			
	(24-Hou	r)	√ h _w r	of	psia		t	Fg	Fpv		E ID	025 psia
2.	11-17			?		***				2		
3.	13						5					
4.	TI.		THE.						Lif		1	.34
5.												
PRESSURE CALCULATIONS												
Gas Liquid Hydrocarbon RatioGravity of Liquid Hydrocarbons					cf/bbl. Sp deg. Sp				cific Gravity Separator Gas			
c	1.866	d nydi		11-e ^{-s})	0.187	ueg	,	P _a	Ma.e	P2 110.		_
V							-	(,				
No.		Pt2	1	- 18	(F _c Q) ²	(F	$(c_0)^2$	P _w 2	$P_{c}^{2}-P_{w}^{2}$	Ca	1.	P _w
Pt	(psia)	- t			\- U\-	cí)	LE	- W	W	F	W	P _W P _C
2.		177			13			H	N N			
3. (9.9	<u>ب</u> ان بير		5/		1		794	1171			
4.	3.8	400.0		79-2	1,30,64		1-31	47/2	2,3.7	-		
5. Absolute	Potent	ial:_	3, 900)		MCFPD;	n 0.	550				
COMPANY			67 (- The	
ADDRESS AGENT ar	יו דייד די		2.1	24					Origin	al Signed C. Caban	isse	
WITNESSE				11					<u>nex</u>	O. Caban		
COMPANY	·	- 4	all H	I To			· · · · · · · · · · · · · · · · · · ·					

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 = 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
- PwT 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.
- 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_{+} .