HOBBS OFFICE OCC

Form C-122
Revised 12-1-55

MULTI-POINT BACK PRESSURE TEST FOR GARDWELLS

Pool	Eumont	Eumont Formation 1300 Tenrose						County Lea				
Initi	ial		_Annua	al		Spec	ial	x	_Date of	Te st<u>6-</u>	11 to 6-15-56	
Compa	any Standa:	rd 011	Co. c	of Texa	As	Lease	State 1-	35	Wel	1 No	1	
Unit	s	ec3	5_Twp	- <u>19</u>	-s Fi.g	e <u>37-</u>	Purc	haser <u>r</u>	l Paso Ma	tural G	as Co.	
Casir	ng <u>7</u> W	t. <u>23</u>	I.	D. 6.	366 Se	t at	640 Pe	rf		То	•	
Tubir	ng <u>2-3/8</u> W	t. 4.	.7_I	D. <u>1.</u>	995 Se	t at 3	657 Pe	rf		To		
Gas I	Pay: From_	3660	_To	3796	_L_ 36	5 7 x	G <u>0.675</u>		468	Bar.Pre	ss. <u>13.2</u>	
Produ	icing Thru:	Cas	ing		Tu	bing	Sin	Type We	11	Single G. or G	O. Dual	
Date	of Complet	ion:_	7-22	-55	Packe	r Kon	<u>e</u>	Reservo	ir Temp			
						OBSERV	ED DATA					
Teste	ed Through	(Prov	er) ((Choke)	(Meter)				Type Tap	s	·· ····	
Flow Data Tubing Data									Casing Data			
	/=	F 70)	low Da	ata D	Dice	M	Tubing	Data	Dross	Tem	Duration	
No.	(Line)	(Orif	ice)	Ì		,		1				
SI	Size	Si	ze	psig	h _w	or.	966	°F.	951g 871	F •	72 hr. SI	
1. 1	<u>], n</u>	3.0	5*	568	4.02	70	779		799		24	
2.	1, 10			567	5.252	72	714		75h	<u> </u>	24	
1. 2. 3.), to			562	6.82	75	619	_	701	ļ	24	
4. 5.), H	1.	5 "	599	5.752	76	635_		697		24	
No.	Coefficient (24-Hour)		1 1				CULATION Temp. tor	G ::	Facto	r	Rate of Flow Q-MCFPD @ 15.025 psia	
1.	13.99		.`		581.2 0.990				1.062		1,338	
1. 2. 3. 4.	13.99				580.2					52	1,753	
3。	13.99			.08	575.2	575.2 0.9859		0.9127			2,218 1,966	
4.				27	612.2	0.9850		0.9427	1.064		1,966	
ravi	iquid Hydro ty of Liqui Py measure	d Hydı	rocarb			cf/bbl.		Speci Speci		ty_Flow	rator Gas ring Fluid	
No.	P _w	Pí	2 F	_c Q	(F _c Q) ²	2 (F	(cQ) ²	P _w 2	$P_c^2 - P_w^2$	1	P _W P _C	
- -	Pt (psia)				<u> </u>			659.7	122 1	+	91.9	
1. 2.	812.2							-588.6	193.2		86.8	
3.	767.2 -714.2							- 510 -1	271.7		80.	
4.	- 714.2 - 710.2							504.4	277.4		- 80.3	
5.	1200-	<u></u>										
COMP				MOTED of D		MCFPD;	n	.66		·····		
ADDR		mp m	loyalt	, Tox	es							
	T and TITLE		. X. K	Mahan	, Distri	ct Engin	eer					
		dward										
COMP	ANI El	Pase I	iatura.	L Gas	Company—	DEI	MARKS					

Average slope drop through points for back pressure curve, in accordance with paragraph 10 (c) of back pressure manual.

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 600 F.
- P_c= 72 hour wellhead shut-in casing (or tubing) pressure whichever is greater. psia
- $P_{\mathbf{w}}$ 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.
- $h_{\mbox{\scriptsize W}}\mbox{\footnotesize I}$ Differential meter pressure, inches water.
- Fg Gravity correction factor.
- F_t Flowing temperature correction factor.
- Fpv 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 $P_{\mathbf{t}}$.