LESBLE W MEXICO OIL CONSERVATION COMMISSION

Form C-122 Revised 12-1-55

DIST. 3

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool .	<u> </u>	عوادث	tol	Fo	rmation		boto	······································	County_			.
Initia	al		Annua	1		Spe	cial		Date of	Test	7/20/1	<u> </u>
Compar	ny Aster	OLL &	(Con (Con	Dan'y		Lease	No.		We	ll No	10-0	
Unit	0	_Sec1	Twp	. <u>30</u>	Rg	e. 117	Pur	chaser			·	
Casing	<u> 4</u>	Wt 9 - 50	I.	D. 🔪	090 Se	t at 🍸	195 P	erf 6		_To	7303	· · · · · · · · · · · · · · · · · · ·
		_							collapsed			
Gas Pa	ay: Fro	om 6944	To 7	103	L	6989	xG 6.	GL	4504	_Bar.Pr	ess	
Produc	cing Thr	u: Ca	sing		Tu	bing	1	Type W	ell	agia_		
							51.	ngie-Brad	enhead-G. oir Temp.	G. Or t	G.O. Dua	.1
						OBSER'	VED DATA					
Tested	d Throug	h zás	<u>(C</u>	hoke)					Type Ta	ps		
			Flow Da	ta				g Data	Casing		<u> </u>	
No.	(Prover (Line)	(Ch	oke) fice)	Press.	Diff.	•			Press.		,	ration of Flow
	Size	, ,	· 1	psig	h _w	°F.		°F.	psig	⊃ _F •		Hr.
SI l.		0.	730				1477	60	133	-	7	Anyo
2 . 3 .												
<u> </u>												
5.												
	0 - 001		 				LCULATIO		10		Data - 6	777
No.	Coefficient			Pres		ssure Flow T		Factor			Rate of Flow Q-MCFPD	
	(24-H	1 7		f	psia	Ft		Fg	F _{pv}		@ 15.025 psia	
1. 2.	14.35				194	1,00	30	0.8600	1.0		131	
3.												
<u>4.</u> 5.			<u> </u>									
					PRI	ESSURE :	CALCUTAT.	IONS				
lae Tid	quid Hyd	roce rho	n Ratio			of/bbl		Spec	ific Grav	ity Sen	arator G	la c
Gravity	of Liq	uid Hyd:	rocarbo	ns		deg	•	Spec	ific Grav	ity Flo	wing Flu	
Гс			(1	-e ^{-s})			_	Pc—		Pc		
) W											
No.		P	$t^2 \mid F_c$	2	$(F_cQ)^2$		$(F_cQ)^2$ 1- (e^{-s})	P_{w}^{2}	$P_c^2 - P_w^2$	C	al.	P _W P _C
	ot (psia	')						National Control	2.003.00	<u> </u>	P _w	r _c
1. 2. 3.												
4.												
5.									<u> </u>			
Absolu COMPAN	ote Pote	ntial:	1 <u>7</u> 8 805 6	1 5	· · · · · · · · · · · · · · · · · · ·	MCFPD	; n	0.75				
	and TIT	ment / 5	10, Aug		I M STE	VENS						
WITNES	SSED			anen di	. L. M. 51E	Y EMIS			, Mat. 3			
COMPAN	VY		*		·	RF	MARKS			of	TFILM	7
							-			\ ur	ulivi	w/
										AU)	G 5 19	50)
										100	COM .	Charle A

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.
- F_t Flowing temperature correction factor.
- Fpv Supercompressability factor.
- n I Slope of back pressure curve.

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

STATE OF NE	∀EXICO	
OIL CONS RVATION	FRINKLL)	10
AA DISTLICT	025/05	
NUMBER UP OF ES RECEIVE	OTTICE	·
	υN	
SANTA PE	Trans.	
FILE	-	
U.S.G.S.	· 	-
LAND OFF	 	
TRANSPERT R OIL		
PROKATE O TICE		
OPERAIUR		-