NEW MEXICO OIL CONSERVATION COMMISSION

Form C-122
Revised 12-1-55

____County Rio Arriba

DIST. 3

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Formation Mesaverde

Pool Blanco

Initial_		X		Annual		Special				Date of Test_ 9/23/57				
Compa	any	Magn	olia P	etrole	um Con	pany	Lease	Jicaril'	la "D"		Well	No	5 1	M. V.
Unit	M	S	Sec1	Twp	26N	Rg	e. <u>3</u> W	Pur	chaser P	acific	Nor	thwest	<u> </u>	
Casi	ng_ 5	1/2 "W	it. <u>1կ#</u>	I.	D. <u>501</u>	. 2" Se	t at <u>60</u>	80' P	erf5514	1	T	o 6062)	
Casing 5 1/2 "Wt. 14# I.D. 5012" Set at 6080' Perf. 5514' To 6062' Tubing 2 3/8" Wt.4.7# I.D. 1.995 Set at 5484 Perf To -														
											B	ar.Pre	ss. <u>1</u>	2 psia
		_												
Date	of Co	mplet	ion:	9/5/5	7	Packe	r yes	Si	Type We ngle-Brade Reservo	enhead oir Ten	-G. G	or G	.O. D	ual
					<u> </u>		,	ED DATA			•			
Teste	ed Thr	ough	(FFCF	(C	hoke)	(Maraka)				Туре	Taps			
				low Da					g Data	Casi				
No.		ver) ne)	(Cho		Press.	Diff.	-		Temp.	Press				Duration of Flow
	Si	ze	Si	ze	psig	h _w	°F.		°F.	psig		°F∙	Hr.	
SI 1.	2*		0.7	KO#	119	-	68	1519 119		<u> </u>	;──┼		3 h	rs.
2.			V.1					/						
<u>3. </u>			 			 	·	 		 	+		<u> </u>	
4. 5.						-				 				
	Coe	ffici	ent.	·	Pr		FLOW CAL		NS Gravity	Con	npres	s.	Rate	of Flow
No.	lo.		24-Hour) \sqrt{h}			p si a				F	Factor F _{pv}		Q-MCFPD @ 15.025 psia	
1.	. 12		3650			131	9	924	.9393		1.014		1,531	
3.		-												
3 c 4 • 5 •														
las Li	ty of	Liqui	carbon d Hydr	ocarbo	ns		essure (cf/bbl. deg.		Speci Speci	ific Gr ific Gr 1531	ravit	y Flow	ing F	
No.	Pt (p	sia)	Pt2	Fc	Q	(F _c Q) ²	(I	(cQ) ² -e ^{-s})	P _w 2	P _c ²	-P _w ²		1. w	Pw Pc
1. 2.	131		17.3		14.6	207.1		.39	66.5		2277		<u> </u>	
2.									<u></u>	 				
3. 4. 5.														
5.										<u> </u>				
COMP	ANY	MAG	ial:_ NOLIA 2h06	PETROL	EUM CO		MCFPD;	n	0.75					
AGEN'	T and	TITLE	1/0	um	D	Meto	Gas Eng	ineer						
WIINI COMPA	ESSED_		<u>-</u>			<u> </u>					7.1			
OUNT							RE	MARKS		2000	# ***			-
										A Company	g∂ ⊕ப் கீ	CON	rnu	å L

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 (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.
- F_{DV} 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 $P_{\rm t}$.

OIL CONSERVA	TION COMMISSION						
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