NEW MEXICO OIL CONSERVATION COMPLISSION

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				- 1° - 1		157	Wy in	105 OCO		Form C-122	
		· · •	MULT	I-POINT E	ACK PRES	SURE TES	ST FOR GAA	WELLS		Revised 12-1-55	
Pool	Justis			Formation	Glori	etta	.,	" 19 05 County	Les		
							ial Date of Test 5-1-57				
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	ng 5 1/2 V)	
	ng_ 2 V										
	Pay: From										
						Assund					
Producing Thru: Casing Date of Completion: <u>5-1-57</u>				Packe	Single-Brad			enhead-G. G. or G.O. Dual			
Dave	or compret			I acke				, i iemb.			
.						TED DATA					
Test	ed Through		r) (Ghaphar) (Meter)						aps		
~		Flow		Diffe		Tubing	the second s	Casing 1		Duration	
No.		(Stoke) (Orifice Size		s. Diff.	°F.	psig	Temp.	Press.		Duration of Flow Hr.	
SI		DIZE	psi	g h _w	F •	1720	• 1	1819	F •	111 •	
1.	<u>k</u>	1.500	03	16.00	99	169		1809		3	
2.	k	1.500	531	31.36	79	1671		1799		3	
3.	ķ	1.500	555	53.29		1657		1786	+	ļ	
<u>4.</u> 5.	<u>4</u>	1.500	565	75.69	<u>64</u>	1636		1775	+	96	
<u> </u>											
<u> </u>	Coefficient		Pressure		FLOW CALCULATIC		Gravity	Compress.		Rate of Flow	
No.			[Fac	tor	Factor	Fact		Q-MCFPD	
	(24-Hou	r) $$	h _w p _f	psia	. F	't	Fg	Fpv		@ 15.025 psia	
1.	13.99	91	74		.972	3	9127	1.0		1211	
2.	13.99	130			.982		9127			1782	
<u>3.</u> 4.	13.99	173			.992		9197	1.0		2619 1929	
5.	<u>13.99</u> 13.99	209					9127	1.0		1969	
			***	PR		CALCULATI					
as L	iquid Hydro	ocarbon Ra	tio_15	.171	cf/bbl.	•				arator Gas	
ravity of Liquid Hydrocarbons (1-e ⁻⁵)					deg.	•	-	Specific Gravity Flowing Fluid			
	64.2 BOPD 4	36.8 Bbl				-	- c	QJE.E	^ C 		
N	Pw	P ²		(E 0)2		$(c_Q)^2$	<u>п</u> 2	$P_c^2 - P_w^2$	C:	l. Pw	
No.	Pt (psia)	^P t	F _c Q	(F _c Q) ²	(1	L-e 0)	P _w 2	· · ·		$\begin{array}{c c} P_{W} \\ P_{C} \\ P_{C} \end{array}$	
$\frac{1}{2}$	1899.2	2014 5					1320.h	36.5			
3.	1819,2	2040.0					1217.1	119.8		9990	
4.	1786.2	9719.9					3197.7	159.2		.9760	
5.	1762.2	2631.5					3105.3	251.6			
	lute Potent				MCFPD;	n	616				
COMP.		Pase Natu		Company		·					
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		and Mabe									
COMP	ANY	Page Matu	ral Ges	Company.			- <u>.</u>				

REMARKS

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.). 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
- Pt- Flowing wellhead pressure (tubing if flowing through tubing, casing if flowing through casing.) psia
- Pf Meter pressure, psia.
- h_w Differential meter pressure, inches water.
- FgI Gravity correction factor.
- F_t Flowing temperature correction factor.
- F_{pv}- Supercompressability factor.
- n [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_t . EL PASO NATURAL GAS LO. CARLSON FED *1-B Sec 25- T255-R37E - Les Lo N.M. 4-30-57

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