NEW MEXICO OIL CONSERVATION COMMISSION

Pool Burnt

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS 37 Revised 12-1-55

Formation County County

Initial X Annual				Special					Date of	Test_	<u> 4-3 -</u>	4-12-57	
Company	_ Gulf	011 C	arpera!	den_		Leas	e	Ram	MA ava	We	ll No.		0
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Casing_	5.5	Wt	L I	.D. <u>4.8</u>	87	_Set at	386	Pe	rf	3160	То	3	1260
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										2062			
													-
Date of	Comple	tion:		* **	000	lean		Sin	gle-Brad	ell 6.6 enhead-G.	G. or	G.O.	Dual
Dave Oi	Compte	01011	16~1	<u>.>=>0</u>	Fa0				Reserv	oir lemb.			·
		,					SERVEI	DATA					
Tested	Through				(Mete	<u>er)</u>				Type Tap	os	Pipe_	
	Preven	I (c)	low Da	ta Press.	Dif	f. Te	mn.	Tubing	Data	Casing I)ata	-	Duration
No.	(Line) Size	(Orif	ice)						İ		1	1	of Flow
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3.	4	2.3		A33.2			5			1013.		 	24 25
<u>4.</u> 5.	4	2.3		126.7			3			867.4			24
No.	40.53		29	Vh _w p _f		5	F _t .9887.		Factor Fg	Factor Fpv 1.04		Q-MCFPD @ 15.025 ps	
3.	40,53 40,53		- 47 79	.99	420.2 447.4		.9915 .9952		.9496	.9496 21.0			1903 3199
2. 3. 4. 5.	40.53		109				.9971		.94.94	1.044		L376	
Gas Liqu	id Hydro	ocarbon	Ratio	 		PRESSUI		CU'ATI		CO2 R2	- 3.44		or Gas
Gravity o	ravity of Liquid Hydroc						deg.		Specific Grav		ity Flowing F		Fluid
· C	1.6833			<u>-e -/_</u>		.132			Pc	1097.9	^P c̃		205.4
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3.	954.2 930.5 6.024		124	36-29		147X		915.3	290.1	100	6.7	9 <u>L</u>	
4. 5.	30.6	775	.5 8.	NO	67.5		8.9		84.5	120.9		5.7	, an
Absolute COMPANY ADDRESS AGENT ar WITNESSE COMPANY	nd TITLE	Pal Feb	COLL No. No.	Mark much			PD; n	0.40					

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 Tactual rate of flow at end of flow period at W. H. working pressure (P_W) . MCF/da. @ 15.025 psia and 60° F.
- PcI 72 hour wellhead shut-in casing (or tubing) pressure whichever is greater. psia
- PwI 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 $P_{\rm W}$ 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 $P_{\rm +}$.