1-Mill Setler 1-Mill Setler 1-Mitter Touler 3-Myne Seith 1-File

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-122

Revised 12-1-55

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS	MIII.TT_POTNT	BACK	PRESSURE	TEST	FOR.	GAS	WELLS	
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	Maneo								_County			
itj	ial		_Annua	1		Speci	ial		_Date of	Test	9-5-5	7
ıpa	any Pacific	Horth	mest 7	lpelin	I	ease	San Ju	an 32-8	Wel	1 No	26-	16
t	M So	ec	16 Twp	, 31E	Rge	. 8w	Purcl	haser	ot come	rted		
ir	7-3/8 ng 5-4 W	t	I.	.D.,	Set	at 7966	Per	rf. 5386		То	5878	
oir	ng 1-1/4" W	t	I.	.D.	Set	at 5855	Per	rf		To		
	Pay: From_											
	ucing Thru:											
.e	of Complet	ion:			Packer	•	Sin	gle-Brade Reservo	nhead-G. ir Temp	G. or	G.O.	Dual
	1						ED DATA					
	ed Through	(D	(c	Thelee)	(Name and)				Type Tan	s		
_	ed Inrough					7		Data	Casing D		- -	
Г	(Prover)	(Cho	rlow Da oke)	Press.	Diff.	Temp.		Temp.	Press.	Temp.	-	Duration
	(Line) Size	(Ori	fice)	psig	h _w	o _F .	psig	°F.	psig	⊃ _F .		of Flow
╁	5126	J.	126	harg	**W		910		110			
t			3/4	203		68*	594		203	68	3	bours
L										ļ		
Ļ		1						 	-	+	+	
-		<u> </u>		 				 		1		
•	(24-Hou	ır)	7/hw	De l	psia			Factor Fg			Q-M @ 15	.025 psi
1	12.3650		V W	-				.9606	1.0	120	2	505
+	12,3650		V W		21.5	.9924		.9666	1.1	20	3	505
	12,3650		V W					.9686	1.0	29	2	985
	12,3650		V					.9608				588
vi	iquid Hydro	ocarbo	n Rati	0	21.5	ESSURE C	ALCU ATI	ONS Speci	fic Gravi	ity Se	parato	or Gas_
vi	Liquid Hydroty of Liqui	ocarbo	n Rati	o_ ons	21.5	ESSURE C cf/bbl. deg.	ALCULATI	ONS Speci	Ific Gravi	ity Seity Fl	parato	or Gas Fluid 1236.8
vi	iquid Hydro	ocarbo	n Rati	o_ ons_ 1-e ^{-s})	21.5 PR	ESSURE C cf/bbl. deg.	ALCUIATI	ONS Speci	fic Gravi	ity Sejity Fl	parato	Pw Pc
vi	Liquid Hydroty of Liqui	ocarbo	n Rati	o_ ons_ 1-e ^{-s})	21.5 PR	ESSURE C cf/bbl. deg.	ALCULATI	Speci Speci Pc-	fic Gravi	ity Sejity Fl	parato	Pw Pc
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vi	Liquid Hydroty of Liqui	ocarbo	n Rati	o_ ons_ 1-e ^{-s})	21.5 PR	ESSURE C cf/bbl. deg.	ALCULATI	ONS Special Pc Pw2	fic Gravific Gravilli3	ity Sejity Fl	parato	Pw Pc
vi 	Pw Pt (psia)	pcarbo	n Ratirocarb	oons_l-e-s)	PR (F _c Q) ²	essure c cf/bbl. deg. (F	ALCULATI	Speci Speci Pc-	fic Gravific Gravilli3	ity Sejity Fl	parato	Pw Pc
vi 	Pw Pt (psia)	pcarbo	n Ratirocarb	oons_l-e-s)	PR (F _c Q) ²	essure control of the	ALCUIATI	ONS Special Pc Pw2	fic Gravific Gravilli3	ity Sejity Fl	parato	Pw Pc
VI SC MF	Pw Pt (psia)	pcarboid Hyd	n Ratirocarb	o ons 1-e ^{-s})	PR (F _c Q) ²	essure c ef/bbl. deg. (F (1)	ALCUIATI	ONS Special Pc Pw2	fic Gravific Gravilli3	ity Sejity Fl	parato	Pw Pc
vi so MF DR TN	Pw Pt (psia)	pcarboid Hyd	n Ratirocarb	o ons 1-e ^{-s})	PR. (F _c Q) ²	essure c ef/bbl. deg. (F (1)	ALCUIATI	ONS Special Pc Pw2	fic Gravific Gravilli3	ity Sejity Fl	parato	Pw Pc

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 ($P_{\rm W}$). MCF/da. @ 15.025 psia and 600 F.
- P_c = 72 hour wellhead shut-in casing (or tubing) pressure whichever is greater. psia
- Pw Static wellhead working pressure s 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.
- $h_{\mathbf{W}}^{\perp}$ Differential meter pressure, inches water.
- Fg Gravity correction factor.
- Ft Flowing temperature correction factor.
- F_{DV} 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 $P_{\mathbf{t}}$.

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PACIFIC MORTHWEST PIPELINE CORPORATION DRILLING DEPARTMENT

			COMPANY_	Pacific Forth	rest Pipeline
			LEASE	ien han 30 EL	NO. 26-16
			DATE OF	TEST 9-5-57	
SHUT IN PRESSURE (PSIG): TUBING	GCASING	ב מסננ	S.I.PERIOD 7	DAYS
SIZE BLOW NIPPLE	3/h" T/C Thoke				
FLOW THROUGH	eing	WORKING	PRESSURE	es from Tubin	<u> </u>
TIME:	PRESSURE 1	Q(MCFD) 5.025 PSIA & 60°	WELI F PRES	HEAD WORKING SSURE (PSIG)	TEMP
3_0_	203			524	<u>68°</u>
					-
ATART TEST AT	9:45 m	END TES	T AT	12:45 pm	
REMARKS:					
		المنظمة المنظم المنظمة المنظمة			
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			TESTAL I	C. R. W	ımer

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