			MULTI	-POINT B	ACK PRES	SURE TES	T FOR GAS	WELLS		Revl d 121-55
Poo	1 Undesi	gnated	F	rmation	Picti	ared Cl	lffs	_County_	San J	uan
Ini	tialX	Annı	ual		Spec	ial		_Date of	Test_8	-21-58
Com	panyP	etro-Atla	s, Inc		Lease	Aztec		Wel	1 No	_1
Unit F Sec. 8 Twp. 27N Rge. 9W Purchaser El Paso Natural Gas Co.										
Casing 51" Wt. 15.5 I.D. Set at 2516' Perf. 2412' To 2441'										
				Set at2409' Perf2			Ю 6' то			
Gas Pay: From 2412'To 2464' L xG 0.84 -GL Bar.Press. 12									ss. 12	
	ducing Thru:									
Date	e of Complet	ion: 8-	14-58	Packe	r	Sin	gle-Brade Reservo	nhead-G. ir Temp.	G. or G	.0. Jual
						ED DATA		_		-
Tested Through (Choke) (Choke) (Type Taps										
		Flow D	ata			Tubing	Data	Casing D	ata	
No.	(Prover) (Line)	(Choke)	Press.	, ,		Press.	Temp.	Press.	Temp.	Juration of Flow
	`Size	Size		h _w	°F.			psig		Hr.
SI l.		3/4#	198		5 7	618 187		618 178	5 7	3 hours
1. 2. 3. 4. 5.										
4.										
		<u> </u>		<u></u>		CUT A MITON	· · · · · · · · · · · · · · · · · · ·		<u> </u>	
	Coefficient		Pr	Pressure Flow		CULATIONS Temp. Gravity		Compress. Rate of Fl		Rate of Flow
No.	(24-Hour) $\sqrt{h_{\mathbf{w}}p_{\mathbf{f}}}$		${\mathbf{p_f}}$	psia		tor	Factor F _g	Facto Fpv		Q=MCFPD @ 1 . J25 psia
1. 2. 3. 4.	12.2			190	1.0029	7	0.8452		514	1.992
3.										
5.										
				PRI	ESSURE C	ALCUTATIO	ONS			
	Liquid Hydro				cf/bbl.					rator Gas
Gravity of Liquid Hydrocarbons deg.							Specific Gravity Flowing FluidP_ 630 Pc 396,900			
						•	Ç -		_	
No.	$P_{\mathbf{w}}$	P _t ² F	_c Q	$(F_cQ)^2$	(F	a) ²	P _w 2	$P_c^2 - P_w^2$	Ca	1. P
	Pt (psia)	- t, -	c ·	········	(i	cQ) ² -e ^{-s})			P. P.	1. P _W P _C
$\frac{1}{2}$.							36,100	360,80) 	
1. 2. 3. 4. 5.										
	olute Poront	ial. 2	164		MCGGO.		85			
Absolute Potential: 2,164 MCFPD; n 0.85 COMPANY Petro-Atlas, Inc. ADDRESS 729 East MainSt., Farmington, New Mexico										
AGE	NT and TITLE	N. B. G	ove F	nginee	TUBFOU	NEW M	WICO		C (A 1)	
	NESSEDPANY					······································				
					REM	ARKS				(2

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.
- Fg Gravity correction factor.
- Ft Flowing temperature correction factor.
- F_{nv} 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_{+} .

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