MULTI-POINT	BACK	PRESIDE	्र झुट्टाल	P VDB	CLAS	WITT " C
	70. (1)	一名 きゅう か まきつ あいない		17 1 11 1		2017

Revised 12-1-55

Po	ool	esin-	Dakot	<u> </u>		Formatio	n	Dakota	and the state of t	County	San J	uan
Pool Basin- Dakota Formation Dakota County San Juan Initial X Annual Special Sale of Test8-24-61												
Company The Atlantic Refining Company Lease State B Well No. 1												
Unit B Sec. 16 Twp. 29N Rge. 10W Firstaser Southern Union Gas Company 9.5# 4.090 Casing 16 Wt. 11.6# I.D. 4.000 Set at 6513 Serf. 64.7k To 64.79 O.D. Tubing 2-3/8* Wt. 4.7# I.D. 1.995 Set at 6356.62 Person 64.63 Gas Pay: From 6360 To 6510 L 6316 Res 68												
Ca	sing_	le d	_Wt	9.5# 11.6#]	L.D.	.090 Se	et at 6 5	1.3	ert.	6485 6474	To	6502
Tu	bing_2	-3/8"	Wt.	4.7# I	.D. 1	.005 Se	ot at Age	L LO D	19 to 19	6459	To	6463
Ga	s Pay:	Fron	6360	3 To	6510	T 6	a) (Sinia n	6356	To	6133 6384
Dar Press 12.0												
Dad	Producing Thru: Casing Tubing Y Type Well Single - Gas Single-Bradenhead-G. G. or G.O. Dual Date of Completion: 8-6-61 Packer None Reservoir Temp.											
Dai	re or	Compte	tion:	<u>8-6-4</u>	<u> </u>	Packe	r None	in dentation of Commission 2 Leader	Reserv	oir Temp.		
i								ED DATA				
Tes	sted T	h r ough	(Pro	over) (Choke)	(Meter)				Type Ta	ps	
	I (P	rover	1 (ch	Flow Danoke)		Diag		Tubling	Data	Casing 1	Data	
No.	(Line)	(Ori	fice)		Diff.	-1		1	Press.	Temp.	Duration of Flow
SI	.i	Size	s	Size	psig	h _w	°F.	Marine - marine and an art	°F.	psig	°F∙	Hr.
1.			3/) ₁ m	205		7.7	2065 205	77	2065		3
2. 3.			+					The state of the s				
<u>4.</u>						NAME OF THE PARTY OF		To the late of the			 	
	!						<u> </u>	electric designation of the second				
No. 1. 2. 3.	$(24-Hour)$ $\sqrt{h_wp}$		<u>f</u>	- Pressure Flo		ICUATON Gravity I Temp. Gravity I Temp. Fg 0 .9393		Factor		Rate of Flow Q-MCFPD 15.025 psia		
2.								Maria Cara Cara Cara Cara Cara Cara Cara	.2323	1.03		2574
4. 5.								Thouse of the proper of the second				
2:1								Andrew Control				
PRESSURE CALCULATIONS Gas Liquid Hydrocarbon Ratio cf/bbl. Specific Gravity Separator Gas Specific Gravity Flowing Fluid Pc 2077 Pc 1313.9												
No.		osia)	$P_{\mathbf{t}}^{2}$	Fc		$(F_cQ)^2$	(F.		r_{y}^2	$P_c^2 - P_w^2$	Cal	
1.	- 0 (1						(.1,1	-3)	559.3	3654.6	P	P _W P _C
3.												• • • • • • • • • • • • • • • • • • • •
4. 5.								THE REPORT OF THE PARTY OF THE		Paner, . The Representation		
Absol COMPA ADDRI AGENT	Absolute Potential: 291 MCFPD; 6 .75 COMPANY THE ATLANTIC REFINING COMPANY ADDRESS 760 - Petroleum Club Building, Denver 2, Colorado AGENT and TITLE Charles Koritaik - Engineer											
COMPANY THE ATLANTIC REFINING COMPANY												
							REMAR			1	0 1961	

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 \equiv 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_{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 $P_{\rm t}$.