NEW MEXICO OIL CONSERVATION COMMISSION
MULTI-POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 12-1-55

Pool	Formation	County
Blanco Mesa Verde	Mesa Verde	Rio Arriba

Initial	Annual	Special	Date of Test
X			8-2-78

Company	Lease	Well No.
Caulkins Oil Company	Breech A	182-A

Unit	Sec.	Twp.	Range	Purchaser
C	10	26N	6 W	Gas Company of New Mexico

Casing	Wt.	I.D.	Set at	Perf.	To
7"	23#	6.366	7210	5234	5476

Tubing	Wt.	I.D.	Set at	Perf.	To
1 1/4	2.40	1.380	5427	5427	

Gas Pay:	From	To	L	G	GL	Bar. Press.
	5234	5476	5427	.660	3581	

Producing Through:	Casing	Tubing	Type Well – Single – Braden head – G.G. or G.O. Dual
		yes	Gas Single

Date of Completion	Packer	Reservoir Temp.
7-26-78		

OBSERVED DATA

Tested Through: Prover ☐ Choke ☒ Meter ☐ Type of Taps

	FLOW DATA					TUBING DATA		CASING DATA		
No.	(Prover) (Line) Size	(Choke) (Orifice) Size	Press. psig.	Diff. h_w	Temp. °F.	Press. psig.	Temp. °F.	Press. psig.	Temp. °F.	DURATION OF FLOW HR.
SI						400		1075		7 days
1.		3/4				30		335		3 hrs
2.										
3.										
4.										
5.										

FLOW CALCULATIONS

No.	Coefficient (24 Hour)	$\sqrt{h_w P_f}$	Pressure psia	Flow Temp. Factor F_t	Gravity Factor F_g	Compress. Factor F_{pv}	Rate of Flow Q-MCFPD @ 15.025 psia
1.	14.1605		42	1.000	1.000	1.000	594
2.							
3.							
4.							
5.							

PRESSURE CALCULATIONS

Gas Liquid Hydrocarbon Ratio _____ cf/bbl. Specific Gravity Separator Gas _____

Gravity of Liquid Hydrocarbons _____ deg. Specific Gravity Flowing Fluid _____

F_c _____ $(1-e^{-s})$ _____ P_c 1087 P_c^2 1,181,569

No.	P_w / P_t psia	P_t^2	$F_c Q$	$(F_c Q)^2$	$(F_c Q)^2 (1-e^{-s})$	P_w^2	$P_c^2 - P_w^2$	Cal.	P_c / P_w
1.						120,409	1,061,160		
2.									
3.									
4.									
5.									

RECEIVED
AUG 11 1978
OIL CON. COM.
DIST. 3

ABSOLUTE POTENTIAL: 643 MCFPD; n 1.11 = 1.08

COMPANY Caulkins Oil Company WITNESSED _____

ADDRESS P.O. Box 780 Farmington, N Mex. COMPANY _____

AGENT AND TITLE Dwayne Blencett Prod. Foreman