NEW MEXICO OIL CONSERVATION COMMISSION

MULTI-POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 12-1-55

Pool	Formation	County
Basin	Dakota	San Juan

Initial	Annual	Special	Date of Test
X			12-27-65

Company	Lease	Well No.
PAN AMERICAN PETROLEUM CORPORATION	Gallegos Canyon Unit	208

Unit	Sec.	Twp.	Range	Purchaser	
H	15	28N	12W		
Casing 4-1/2	**Wt.** 10.5	**I.D.** 4.052	**Set at** 6165	**Perf.** 6118-6136 6065-85	**To** 5989-6003
Tubing 2-3/8	**Wt.** 4.7	**I.D.** 1.995	**Set at** 5994	**Perf.** 5957	**To** 5963

Gas Pay:	From	To	L	G	GL	Bar. Press.
	5989	6136	6063	.700	4244	12

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

Date of Completion	Packer	Reservoir Temp.
12-17-65	None	

OBSERVED DATA

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

	FLOW DATA					TUBING DATA		CASING DATA		DURATION OF FLOW
No.	(Line) Size	(Choke) Size	Press. psig.	Diff. h_w	Temp. °F.	Press. psig.	Temp. °F.	Press. psig.	Temp. °F.	HR.
SI	10 Days					2022		2047		
1.	2 Inch		601			601	60° est.	1351	60° est.	3 Hr.
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-MCF P.D @ 15.025 psia
1.	12.3650		613	1.0000	.9258	1.082	7303
2.							
3.							
4.							
5.							

RECEIVED
JAN 3 1966
OIL CON. COM.
DIST. 3

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 2059 P_c^2 4,239,481

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_w	$\frac{P_w}{P_c}$
1.						1,857,769	2,381,712		
2.									
3.									
4.									
5.									

ABSOLUTE POTENTIAL: 11,701 MCFPD; n .75

COMPANY PAN AMERICAN PETROLEUM CORPORATION WITNESSED _____

ADDRESS Box 480, Farmington, New Mexico COMPANY _____

AGENT AND TITLE G. W. Eaton, Jr., Area Engineer Original Signed by G. W. [illegible]