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			1-19-66

Company	Lease	Well No.
PAN AMERICAN PETROLEUM CORPORATION	Gallegos Canyon Unit	207

Unit	Sec.	Twp.	Range	Purchaser	
G	14	28-N	12-W		
Casing	**Wt.**	**I.D.**	**Set at**	**Perf.**	**To**
4-1/2"	10.5	4.052	6329	6221-40 6147-65	6279-89 6250-60
Tubing	**Wt.**	**I.D.**	**Set at**	**Perf.**	**To**
2-3/8"	4.7	1.995	6169	6132	6138

Gas Pay:	From	To	L	G	GL	Bar. Press.
	6147	6289	6218	.700	4353	12

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

Date of Completion	Packer	Reservoir Temp.
1-9-66	None	

OBSERVED DATA

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

No.	FLOW DATA (Line) Size	FLOW DATA (Choke) Size	FLOW DATA Press. psig.	FLOW DATA Diff. h_w	FLOW DATA Temp. °F.	TUBING DATA Press. psig.	TUBING DATA Temp. °F.	CASING DATA Press. psig.	CASING DATA Temp. °F.	DURATION OF FLOW HR.
SI	10 days					2067		2077		
1.	2 "	.750	907			907	60° est.	1738	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		919	1.0000	.9258	1.126	11,846
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 2089 P_c^2 4,363,921

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.						3,062,500	1,301,421		
2.									
3.									
4.									
5.									

RECEIVED
JAN 28 1966
OIL CON. COM.
DIST. 3

ABSOLUTE POTENTIAL: 29,353 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