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			5-6-66

Company	Lease	Well No.
PAN AMERICAN PETROLEUM CORPORATION	Gallegos Canyon Unit	224

Unit	Sec.	Twp.	Range	Purchaser
G	18	28N	12W	

Casing	Wt.	I.D.	Set at	Perf.	To
4.500	10.5	4.052	6184	6020-35	6107-6127

Tubing	Wt.	I.D.	Set at	Perf.	To
2.375	4.7	1.995	6041	6104	6110

Gas Pay:	From	To	L	G	GL	Bar. Press.
	6020	6127	6074	.700	4251	12

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

Date of Completion	Packer	Reservoir Temp.
4-25-66	None	

OBSERVED DATA

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

	FLOW DATA					TUBING DATA		CASING DATA		DURATION OF FLOW HR.
No.	(Line) Size	(Choke) Size	Press. psig.	Diff. h_w	Temp. °F.	Press. psig.	Temp. °F.	Press. psig.	Temp. °F.	
SI	11 Day					2055		2058		
1.	2 Inch	.750	744			744	60° est.	1352	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		756	1.0000	.9258	1.101	9528
2.							
3.							
4.							
5.							

PRESSURE CALCULATIONS

Gas Liquid Hydrocarbon Ratio _____ cf/bbl.
Gravity of Liquid Hydrocarbons _____ deg.
F_c _____ $(1-e^{-S})$ _____

Specific Gravity Separator Gas _____
Specific Gravity Flowing Fluid _____
P_c 2070 P_c^2 4,284,900

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.						1,860,496	2,424,404		
2.									
3.									
4.									
5.									

RECEIVED
MAY 11 1966
OIL CON. COM.
DIST. 3

ABSOLUTE POTENTIAL: 14,605 MCFPD; n .75

COMPANY PAN AMERICAN PETROLEUM CORPORATION WITNESSED _____

ADDRESS Box 480, Farmington, New Mexico COMPANY _____

Orginal Signed By:
G. W. EATON, JR.
AGENT AND TITLE G. W. Eaton, Jr., Area Engineer