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			3-9-66

Company	Lease	Well No.
PAN AMERICAN PETROLEUM CORPORATION	Gallegos Canyon Unit	217

Unit	Sec.	Twp.	Range	Purchaser	
K	13	28N	12W		
Casing 4.500	Wt. 10.5	I.D. 4.052	Set at 6202	Perf. 6074-6088	To 6140-6152
Tubing 2-3/8	Wt. 4.7	I.D. 1.995	Set at 6078	Perf. 6040	To 6046

Gas Pay:	From	To	L	G	GL	Bar. Press.
	6074	6152		.700		12

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

Date of Completion	Packer	Reservoir Temp.
2-26-66	None	

OBSERVED DATA

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

	FLOW DATA					TUBING DATA		CASING DATA		DURATION OF FLOW
No.	(Prover) (Line) Size	(Choke) (Orifice) Size	Press. psig.	Diff. h_w	Temp. °F.	Press. psig.	Temp. °F.	Press. psig.	Temp. °F.	HR.
SI	11 Days					2080		2088		
1.	2 Inch	.750	714			714	60° est.	1534	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		726	1.0000	.9258	1.096	9109
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 _____

P_c _____ $(1-e^{-S})$ _____ P_c 2100 P_c^2 4,410,000

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.						2,390,116	2,019,884		
2.									
3.									
4.									
5.									

RECEIVED
MAR 18 1966
OIL CON. COM.
DIST. 3

ABSOLUTE POTENTIAL: 16,361 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