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	Dakota	San Juan

Initial	Annual	Special	Date of Test
X			8-16-65

Company	Lease	Well No.
PAN AMERICAN PETROLEUM CORPORATION	Navajo Gas Unit "B" Com	1

Unit	Sec.	Twp.	Range	Purchaser
I	14	29N	13W	

Casing	Wt.	I.D.	Set at	Perf.	To
4-1/2	10.5	4.052	6317	6240-52	6306-32

Tubing	Wt.	I.D.	Set at	Perf.	To
2-3/8	4.7	1.995	6247	6209	6215

Gas Pay:	From	To	L	G	GL	Bar. Press.
	6240	6332	6286	.700	6400	12

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

Date of Completion	Packer	Reservoir Temp.
8-8-65	None	

OBSERVED DATA

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

No.	FLOW DATA (Prover) (Line) Size	(Choke) Size	Press. psig.	Diff. h_w	Temp. °F.	TUBING DATA Press. psig.	Temp. °F.	CASING DATA Press. psig.	Temp. °F.	DURATION OF FLOW HR.
SI	8 Days					1896		1902		
1.	2 Inch	.750	448			448	60° est.	986	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		460	1.0000	.9234	1.050	5,571
2.							
3.							
4.							
5.							

RECEIVED
AUG 2 1965
OIL CON. COM.
DIST. 3

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 1914 P_c^2 3,663,396

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.						996,004	2,667,392		
2.									
3.									
4.									
5.									

ABSOLUTE POTENTIAL: 7,067 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 Orginal Signed By G. W. EATON, JR.