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			8-24-65

Company	Lease	Well No.
PAN AMERICAN PETROLEUM CORP.	E. E. Elliott "B"	9

Unit	Sec.	Twp.	Range	Purchaser
K	26	30N	9W	EPNG (when connected)

Casing	Wt.	I.D.	Set at	Perf.	To
4-1/2	10.5	4.052	7161	6910-36	7018-36

Tubing	Wt.	I.D.	Set at	Perf.	To
2." O.D.	3.4	1.751	6923	6891	6907

Gas Pay:	From	To	L	G	GL	Bar. Press.
	6910	7036	6973	.700	4881	12

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

Date of Completion	Packer	Reservoir Temp.
3-16-65	None	

OBSERVED DATA

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

No.	FLOW DATA (Prover) (Line) Size	(Choke) (Orifice) 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						1412		1408		
1.	8 Days 2 Inch	.750	127			127	60° est.	617	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.							
2.	12.3650		139	1.000	.9258	1.016	1616
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 1424 P_c^2 2,027,776

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.						395,641	1,632,135		
2.									
3.									
4.									
5.									

RECEIVED
SEP 9 1965
OIL CON. COM.
DIST. 3

ABSOLUTE POTENTIAL: 1902 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