

V MEXICO OIL CONSERVATION COMMISS
MULTI-POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 12-1-55

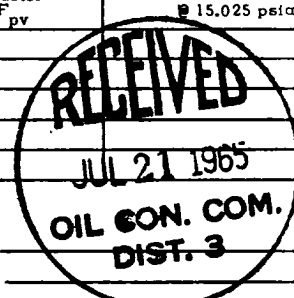
Pool Basin			Formation Dakota			County San Juan		
Initial X		Annual		Special		Date of Test 5-5-65		
Company PAN AMERICAN PETROLEUM CORPORATION				Lease Quine Gas Unit			Well No. 1	
Unit I	Sec. 31	Twp. 30N	Range 12W		Purchaser			
Casing 4-1/2"	Wt. 10.5	I.D. 4.052	Set at 6173		Perf. 6004-16 6026-34	To 6086-6110		
Tubing 2"	Wt. 3.4	I.D. 1.751	Set at 6007		Perf. Open	To Ended		
Gas Pay:	From 6004	To 6110	L 6057	G .700	GL 4240	Bar. Press. 12		
Producing Through:		Casing	Tubing		Type Well - Single - Braden head - G.G. or G.O. Dual Single			
Date of Completion 4-27-65		Packer None			Reservoir Temp.			

OBSERVED DATA										
Tested Through: Prover ☐ Choke ☐ Meter ☐						Type of Taps				
FLOW DATA						TUBING DATA		CASING DATA		DURATION OF FLOW HR.
No.	(Prover) (Line) Size	(Choke) (Orifice) Size	Press. psig.	Diff. h _w	Temp. °F.	Press. psig.	Temp. °F.	Press. psig.	Temp. °F.	
S:	8 days					2030		2040		
1.										None
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 PD @ 15.025 psia
1.	Well not tested due to fire hazard.						
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 _____ P _c ² _____				

No.	$\frac{P_w}{P_t}$ 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.									
3.									
4.									
5.									



ABSOLUTE POTENTIAL: _____ MCFPD; n _____

COMPANY PAN AMERICAN PETROLEUM CORPORATION WITNESSED _____

ADDRESS _____ COMPANY _____

AGENT AND TITLE _____