NEW MEXICO OIL CONSERVATION COMMISSION

MULTI-POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 12-1-55

Pool: Basin	Formation: Dakota		County: San Juan
Initial: XX	Annual:	Special:	Date of Test: 12-27-66
Company: PAN AMERICAN PETROLEUM CORP.	Lease: Edith A. Payne		Well No.: 1
Unit: E	Sec.: 9	Twp.: 25-N	Range: 9-W
Purchaser:			
Casing: 4.500	Wt.: 10.5	I.D.: 4.052	Set at: 6723
Perf.: 6502-6508, 6528-34, 6578-88	To: 6597-6607, 6663-6670		
Tubing: 2.375	Wt.: 4.7	I.D.: 1.995	Set at: 6516
Perf.: 6479	To: 6485		
Gas Pay: From: 6502	To: 6670	L: 6506	G: .700
GL: 4610	Bar. Press.: 12		
Producing Through:	Casing:	Tubing: XX	Type Well – Single – Braden head – G.G. or G.O. Dual: Single
Date of Completion: 12-17-66	Packer: None	Reservoir Temp.:	

OBSERVED DATA

Tested Through: Prover [ ] Choke [X] Meter [ ]

Type of Taps:

	FLOW DATA					TUBING DATA		CASING DATA		
No.	(Prover) (Line) Size	(Choke) (Orifice) Size	Press. psig.	Diff. h_w	Temp. °F.	Press. psig.	Temp. °F.	Press. psig.	Temp. °F.	DURATION OF FLOW HR.
SI	10 days					2017		2017		
1.	2 inch	.750	100			100	59°	501	59°	3 hours
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		112	1.0010	.9258	1.012	1259
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 2029 P_c^2 4,116,841

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.						263,169	3,853,672		
2.									
3.									
4.									
5.									

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OIL CON. COM.
DIST. 3

ABSOLUTE POTENTIAL: 1365 MCFPD; n .75

COMPANY PAN AMERICAN PETROLEUM CORPORATION WITNESSED C. R. Wagner

ADDRESS Box 480, Farmington, New Mexico COMPANY El Paso Natural Gas Company

AGENT AND TITLE _____