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: X	Annual:	Special:		Date of Test: 4-20-66	
Company: PAN AMERICAN PETROLEUM CORPORATION		Lease: Gallegos Canyon Unit		Well No.: 231	
Unit: B	Sec.: 27	Twp.: 28N	Range: 12W	Purchaser:	
Casing: 4.500	Wt.: 10.5	I.D.: 4.052	Set at: 6202	Perf.: 6023-30, 6095-6115	To: 6043-51, 6169-79
Tubing: 2.375	Wt.: 4.7	I.D.: 1.995	Set at: 6041	Perf.: 6004	To: 6010
Gas Pay:	From: 6023	To: 6179	L: 6101	G: .700	GL: 4271
Producing Through:	Casing:	Tubing: X	Type Well – Single – Braden head – G.G. or G.O. Dual: Single		
Date of Completion: 4-10-66	Packer: None	Reservoir Temp.:			

OBSERVED DATA

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

No.	(Line) Size	(Choke) Size	Press. psig.	Diff. h_w	Temp. °F.	Tubing Press. psig.	Tubing Temp. °F.	Casing Press. psig.	Casing Temp. °F.	Duration of Flow HR.
SI	10 Days					2037		2037		
1.	2 Inch	.750	577			577	60° est.	1203	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		589	1.0000	.9258	1.077	7262
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 2049 P_c^2 4,198,401

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.						1,476,225	2,722,176		
2.									
3.									
4.									
5.									

ABSOLUTE POTENTIAL: 10,050 MCFPD; n .75

COMPANY PAN AMERICAN PETROLEUM CORPORATION WITNESSED None

ADDRESS Box 480, Farmington, New Mexico COMPANY

AGENT AND TITLE Orginal Signed By G. W. EATON, JR.
G. W. Eaton, Jr., Area Engineer

RECEIVED
MAY 4 1966
OIL CON. COM.
DIST. 3