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: 12-1-65
Company: PAN AMERICAN PETROLEUM CORPORATION	Lease: C. A. McAdams "B"		Well No.: 2
Unit: G	Sec.: 20	Twp.: 27N	Range: 10W
Casing: 4-1/2	Wt.: 10.5	I.D.: 4.052	Set at: 6562
Tubing: 2-3/8	Wt.: 4.7	I.D.: 1.995	Set at: 6410
Gas Pay: From 6388	To: 6486	L: 6437	G: .700
Producing Through:	Casing	Tubing: X	Type Well – Single – Braden head – G.G. or G.O. Dual: Single
Date of Completion: 11-23-65	Packer: None	Reservoir Temp.:	

Perf. 6388-98, 6421-29 — To 6476-86

Perf. 6373 — To 6379

GL: 4506 — Bar. Press.: 12

OBSERVED DATA

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

No.	FLOW DATA (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					1902		1907		
1.	2 Inch	.750	409			409	60° est.	844	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		421	1.000	.9258	1.052	5071
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 1919 P_c^2 3,682,561

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.						732,736	2,[illegible]		
2.									
3.									
4.									
5.									

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DEC 6 1965
OIL CON. COM.
DIST. 3

ABSOLUTE POTENTIAL: 6780 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 — By _____