

ILLEGIBLE

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-122

Revised 12-1-55

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool Blanco-Pictured Cliffs Formation Pictured Cliffs County San Juan

Initial I Annual _____ Special _____ Date of Test 9-26-58

Company PAN AMERICAN PETROLEUM CORP. Lease E. E. Elliott "A" Well No. 2

Unit P Sec. 15 Twp. 30N Rge. 9W Purchaser El Paso Natural Gas Company

Casing 5-1/2 Wt. 14.7 I.D. 3.012 Set at 2992 Perf. 2930 To 2960

Tubing 1.66 Wt. 2.34 I.D. 1-1/4" Set at 2952 Perf. 2942 To 2952

Gas Pay: From 2930 To 2960 L 2945 xG 0.69 (est.) GL 2032 Bar.Press. 12

Producing Thru: Casing I Tubing _____ Type Well Gas - Single

Date of Completion: 9-15-58 Packer None Single-Bradenhead-G. G. or G.O. Dual Reservoir Temp. 100° F

OBSERVED DATA

Tested Through (None) (Choke) (None) Type Taps _____

Flow Data						Tubing Data		Casing Data		Duration of Flow Hr.
No.	(Line) (Line) Size	(Choke) (8 1/4-100) Size	Press. psig	Diff. h _w	Temp. °F.	Press. psig	Temp. °F.	Press. psig	Temp. °F.	
SI	Shut in	11 days				1037		1037		
1.	2"	3/4"	175		60 (est.)	185	60 (est.)	175	60 (est.)	3
2.										
3.										
4.										
5.										

FLOW CALCULATIONS

No.	Coefficient (24-Hour)	$\sqrt{h_{wpf}}$	Pressure psia	Flow Temp. Factor F _t	Gravity Factor F _g	Compress. Factor F _{pv}	Rate of Flow Q-MCFPD @ 15.025 psia
1.	12.365		187	1.000	0.9345	1.020	2199
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 1049 P_c² 1,100,401

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	P _w /P _c
1.						36,809	1,061,592		
2.									
3.									
4.									
5.									

Absolute Potential: 2267 MCFPD; n 0.85

COMPANY PAN AMERICAN PETROLEUM CORPORATION

ADDRESS BOX 487, FARMINGTON, NEW MEXICO

AGENT and TITLE R. H. DAUER, JR., FIELD ENGINEER

WITNESSED _____

COMPANY _____

REMARKS