

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool Astec-Pictured Cliffs Formation Pictured Cliffs County San JuanInitial X Annual _____ Special _____ Date of Test 5-6-57Company Pan American Petroleum Corp. Lease Lefkovitz Gas Unit Well No. 1-XUnit A Sec. 25 Twp. 29N Rge. 10W Purchaser Shut-inCasing 5½ Wt. 14# I.D. 5.012 Set at 2024 Perf. 1940 To 1976Tubing 1½ Wt. 2.4# I.D. 1.38 Set at 1949 Perf. 1939 To 1949Gas Pay: From 1940 To 1976 L _____ xG _____ -GL _____ Bar.Press. _____Producing Thru: Casing X Tubing _____ Type Well Single - Gas

Single-Bradenhead-G. G. or G.O. Dual

Date of Completion: 5-6-57 Packer _____ Reservoir Temp. 99° F (est.)

OBSERVED DATA

Tested Through (2000r) (Choke) (2000r) Type Taps _____

No.	Flow Data					Tubing Data		Casing Data		Duration of Flow Hr.
	(Prover) (Line) Size	(Choke) (1000r) Size	Press. psig	Diff. h _w	Temp. °F.	Press. psig	Temp. °F.	Press. psig	Temp. °F.	
SI	<u>15 days shut-in</u>					<u>703</u>		<u>703</u>		
1.		<u>3/4</u>	<u>96</u>		<u>60</u>	<u>116</u>		<u>96</u>		<u>3</u>
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.	<u>12.345</u>		<u>106</u>	<u>1.0000</u>	<u>.9608</u>	<u>1.011</u>	<u>1297</u>
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 _____ P_c² _____

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.									
2.									
3.									
4.									
5.									

Absolute Potential: 1333 MCFPD; n .85COMPANY PAN AMERICAN PETROLEUM CORPORATIONADDRESS BOX 487, FARMINGTON, NEW MEXICOAGENT and TITLE R. M. BAUER, JR., FIELD ENGINEER *RMB*

WITNESSED _____

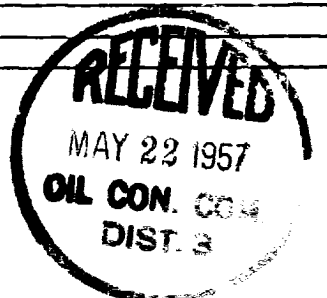
COMPANY _____

REMARKS

All depths measured from RDB elevation:

GL - 5573

RDB - 5585



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AZTEC DISTRICT OFFICE

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