

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-122

Revised 12-1-55

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool Antero-Pictured Cliffs Formation Pictured Cliffs County San Juan
Initial I Annual _____ Special _____ Date of Test 6-3-57
Company Pan American Petroleum Corp. Lease McDaniel Gas Unit Well No. 1
Unit 8 Sec. 26 Twp. 29N Rge. 10W Purchaser None
Casing 5-1/2 Wt. 24 I.D. 5.012 Set at 1973 Perf. 1972 To 1904
Tubing 1 1/2 Wt. 2.45 I.D. 1.300 Set at 1980 Perf. 1982 To 1886
Gas Pay: From 1865 To 1904 L 1886 xG .45 est. -GL _____ Bar.Press. 12,000
Producing Thru: Casing I Tubing _____ Type Well Single Gas
Single-Bradenhead-G. G. or G.O. Dual
Date of Completion: 5/9/57 Packer _____ Reservoir Temp. 92° F

OBSERVED DATA

Tested Through (Borehole) (Choke) (Screen) Type Taps _____

No.	Flow Data					Tubing Data		Casing Data		Duration of Flow Hr.
	(Prover) (Line) Size	(Choke) (Orifice) Size	Press. psig	Diff. h _w	Temp. °F.	Press. psig	Temp. °F.	Press. psig	Temp. °F.	
SI	<u>3.00 in</u>	<u>24 days</u>						<u>693</u>		
1.		<u>3/4"</u>	<u>233</u>		<u>60</u>	<u>233</u>	<u>60</u>	<u>-</u>		<u>1</u>
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-MCFPD @ 15.025 psia
1.							
2.	<u>12,550</u>		<u>233</u>	<u>1.000</u>	<u>.940</u>	<u>1.005</u>	<u>2,012</u>
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 .45 est.
Specific Gravity Flowing Fluid _____
P_c 795 P_c² 632,025

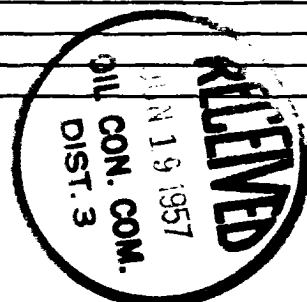
No.	P _w P _t (psia)	P _t ²	F _c Q	(F _c Q) ²	(F _c Q) ² (1-e ^{-s})	P _w ²	P _c ² -P _w ²	Cal. P _w	P _w P _c
1.									
2.						<u>95,253</u>	<u>441,000</u>		<u>.333</u>
3.									
4.									
5.									

Absolute Potential: 3,163 MCFPD; n .85COMPANY PAN AMERICAN PETROLEUM CORPORATIONADDRESS Box 407, Farmington, New MexicoAGENT and TITLE L. H. Bauer, Jr.

WITNESSED _____

COMPANY _____

REMARKS _____



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