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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-122

Revised 12-1-55

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool Blanco Masoverda Formation Masoverda County Rio Arriba
Initial X Annual _____ Special _____ Date of Test 4-13-56
Company Pacific Northwest Pipeline Corp. Lease 28-6 Well No. 60-21
Unit B Sec. 21 Twp. 28N Rge. 6W Purchaser _____
Casing 7-3/8" Wt. _____ I.D. _____ Set at 3976.33 Perf. _____ To _____
Tubing 2-3/8" Wt. _____ I.D. _____ Set at 3635 Perf. _____ To _____
Gas Pay: From 5060 To 5676 L _____ xG .713 -GL _____ Bar. Press. 12 PSIA
Producing Thru: Casing _____ Tubing X Type Well Single
Single-Bradenhead-G. G. or G.O. Dual
Date of Completion: 3-29-56 Packer _____ Reservoir Temp. _____

OBSERVED DATA

Tested Through (H2O2K) (Choke) (H2O2K) Start In 15 Days 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.	
1.		<u>3/4</u>	<u>112</u>	<u>112</u>	<u>72</u>	<u>1104</u>	<u>963</u>	<u>3 Hrs.</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.	<u>12.9570</u>		<u>304</u>	<u>.967</u>	<u>.912</u>	<u>1.035</u>	<u>4.74</u>
2.							
3.							
4.							
5.							

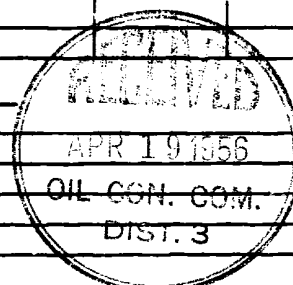
PRESSURE CALCULATIONS

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 1116 P_c 1245.46

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.						<u>976.85</u>	<u>2548.31</u>		<u>4.284</u>
2.									
3.									
4.									
5.									

Absolute Potential: 13.832 MCFPD: n .75/2.9443
COMPANY PACIFIC NORTHWEST PIPELINE CORPORATION
ADDRESS 415 West Main Street, Farmington, New Mexico
AGENT and TITLE C. H. Wagner - Gas Well Tester
WITNESSED Donald C. Adams
COMPANY El Paso Natural Gas Company

REMARKS



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AZTEC DISTRICT OFFICE

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3

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