

3 - NMCC
1 - W.R. Johnston
1 - Cutler
1 - Fowler
1 - Hollis
1 - Fife

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-122

Revised 12-1-55

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool BLANCO MESAVERDE Formation MESAVERDE County SAN JUAN
Initial X Annual _____ Special _____ Date of Test 2-20-56
Company PACIFIC NORTHWEST PIPELINE CORP. Lease COX CANYON 32-11 Well No. 4-21
Unit A Sec. 21 Twp 30N Rge. 11W Purchaser _____
Casing 5" Wt. _____ I.D. _____ Set at 5719 Perf. _____ To _____
Tubing 2" Wt. _____ I.D. _____ Set at 5707 Perf. _____ To _____
Gas Pay: From 5072 To 5716 L _____ xG .679 -GL _____ Bar. Press. 12 PSIA
Producing Thru: Casing _____ Tubing X Type Well Single - Bradenhead
Date of Completion: 2-13-56 Packer _____ Single-Bradenhead-G. G. or G.O. Dual
Reservoir Temp. _____

OBSERVED DATA

Tested Through (K3533) (Choke) (K3533) SI 7 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.	Press. psig	Temp. °F.
SI									
1.		<u>3/4"</u>	<u>403</u>		<u>85</u>	<u>1003</u>		<u>1004</u>	
2.						<u>403</u>		<u>986</u>	<u>3</u>
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>14.1605</u>		<u>415</u>	<u>.9768</u>	<u>.9393</u>	<u>1.040</u>	<u>5613</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 1016 P_c² 1032.3

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>879.8</u>	<u>152.5</u>		<u>6.770</u>
2.									
3.									
4.									
5.									

Absolute Potential: 23558 MCFPD; n 75 / 4.1970

COMPANY PACIFIC NORTHWEST PIPELINE CORPORATION
ADDRESS 4134 West Main Street, Farmington, New Mexico
AGENT and TITLE C. R. Wagner - Gas Well Tester
WITNESSED _____
COMPANY _____

REMARKS



FISH CONSERVATION COMMISSION	
AZURE DISTRICT OFFICE	
NO. 1000-10000	3
DATE	
TIME	
BY	
FOR	
1	
1	
✓	