

3-MOCC Artec
1-Bill Cutler
1-Fowler
1-Smith
1-File

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-122
Revised 12-1-55

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool Blanco Formation Mesa Verde County Rio Arriba
Initial xx Annual _____ Special _____ Date of Test 5-28-58
Company PACIFIC NORTHWEST PIPELINE Lease San Juan 29-6 Well No. 29-3
Unit H Sec. 3 Twp. 29N Rge. 6W Purchaser Not connected
Casing 5-1/2" Wt. 14# I.D. 5790' Set at _____ Perf. 5770' To 5264'
Tubing 1-1/4" Wt. 2.3# I.D. _____ Set at 5761' Perf. _____ To _____
Gas Pay: From _____ To _____ L xG .650 -GL _____ Bar.Press. 12
Producing Thru: Casing _____ Tubing xx Type Well Single
Single-Bradenhead-G. G. or G.O. Dual
Date of Completion: _____ Packer _____ Reservoir Temp. _____

OBSERVED DATA

Tested Through (Flowmeter) (Choke) (Meter) Shut in 8 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						1043		1043		
1.		3/4"	154		54	154	54	987		3 hours
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.	12.3650		166	1.0058	.9608	1.016	2015
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 1055 P_c² 1113.0

No.	P _w P _t (psia)	P _t ²	F _c Q	(F _c Q) ²	(F _c Q) ² (1-e ^{-s})	$\frac{999}{P_w^2}$	P _c ² -P _w ²	Cal. P _w	$\frac{P_w}{P_c}$
1.						998.0	115.0		9.68
2.									
3.									
4.									
5.									

Absolute Potential: 11.858 MCFPD; n .75/ 5.4878

COMPANY PACIFIC NORTHWEST PIPELINE CORPORATION
ADDRESS 418 1/2 West Broadway-Farrington, New Mexico
AGENT and TITLE C. R. Wagner - Well Test Engineer
WITNESSED _____
COMPANY _____

REMARKS