

3 - N.M.O.C.C.
1 - W. R. Johnston
1 - L. G. Truby
1 - U. S. S. R. (Denver)
2 - Phillips Pet. Co.
1 - File

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-122

Revised 12-1-55

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool Blanco M. V. Formation Mesa Verde County Rio Arriba
Initial xx Annual xx Special xx Date of Test 4-23-57
Company Pacific Northwest Pipeline Lease San Juan 29-6 Well No. 54-4
Unit K Sec. 4 Twp. 29N Rge. 6W Purchaser Pacific Northwest Pipeline
Casing 5 1/2 Wt. 5697 I.D. 5134 Set at 5697 Perf. 5134 To 5640
Tubing 12 Wt. 12 I.D. 12 Set at 12 Perf. 12 To 12
Gas Pay: From 12 To 12 L 12 xG 12 -GL 12 Bar.Press. 12
Producing Thru: Casing 12 Tubing 12 Type Well 12
Date of Completion: 12 Packer 12 Reservoir Temp. 12

B.M. OBSERVED DATA

Tested Through xxxxxx (Prover) xxxxxx (Choke) xxxxxx (Meter) Shut in 7 days Type Taps 12

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		3/4				1106	664	1112		3
1.						420		922		
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.	14.1605		432	.9943	.9608	1.042	6089
2.							
3.							
4.							
5.							

PRESSURE CALCULATIONS

Gas Liquid Hydrocarbon Ratio 12 cf/bbl.
Gravity of Liquid Hydrocarbons 12 deg.
F_c 12 (1-e^{-s})

Specific Gravity Separator Gas 12
Specific Gravity Flowing 12
P_c 12 P_c 12

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
1.						872.4	391.0		3.231
2.									
3.									
4.									
5.			14,674		75/2.41				

Absolute Potential: 12 MCFPD; n 12
COMPANY 12
ADDRESS 12
AGENT and TITLE 12
WITNESSED 12
COMPANY 12

REMARKS