

3 - MCCC
1 - V.J. Johnston
1 - Fowler
1 - Ellis
1 - Cutler

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-122
Revised 12-1-55

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool Blanco Mesquite Formation Mesquite County San Juan
Initial X Annual _____ Special _____ Date of Test 4-10-55
Company Pacific Northwest Pipeline Corp Lease Gas Canyon Well No. 6-6
Unit X Sec. 6 Twp. 34N Rge. 13W Purchaser _____
Casing 5" Wt. _____ I.D. _____ Set at 9750 Perf. 9116 To 9730
Tubing 2-3/8" Wt. _____ I.D. _____ Set at 9730 Perf. _____ To _____
Gas Pay: From 9116 To 9730 L _____ xG .670 -GL _____ Bar.Press. 12 PSIA
Producing Thru: Casing _____ Tubing X Type Well Single
Single-Bradenhead-G. G. or G.O. Dual
Date of Completion: 4-1-55 Packer _____ Reservoir Temp. _____

OBSERVED DATA

Tested Through (Rough) (Choke) (Meter) Shut In 9 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>306</u>		<u>87</u>	<u>1028</u>		<u>1042</u>		<u>1 Hr.</u>
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.	<u>12.3690</u>		<u>306</u>	<u>.9730</u>	<u>.9463</u>	<u>1.036</u>	<u>1704</u>
2.							
3.							
4.							
5.							

PRESSURE CALCULATIONS

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

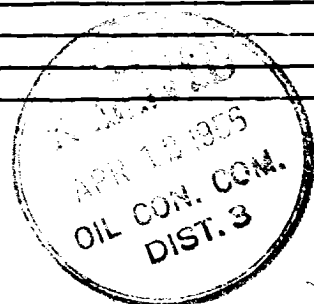
Specific Gravity Separator Gas _____
Specific Gravity Flowing Fluid _____
P_c 1054 P_c² 1110.92

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>974.17</u>	<u>136.73</u>		<u>8.1830</u>
2.									
3.									
4.									
5.									

Absolute Potential: 82.673 MCFPD; n .75/4.82

COMPANY PACIFIC NORTHWEST PIPELINE CORPORATION
ADDRESS 1114 West Main Street, Farmington, New Mexico
AGENT and TITLE C. E. Wagner - Gas Well Tester
WITNESSED _____
COMPANY _____

REMARKS



OIL CONSERVATION COMMISSION
ANALYST'S REPORT FORM NO. 1
DATE RECEIVED JAN 3 1968
WELL NO. 1
FIELD NO. 1
FACILITY NO. 1