

NEW MEXICO OIL CONSERVATION COMMISSION

3 - MCCC
1 - W.R. Johnston
1 - Nellis
1 - Fowler
1 - Cutler

2 - El Paso Natural Gas Co.

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Form C-122

Revised 12-1-55

Pool Blanco Mesaverte Formation Mesaverte County Rio ArribaInitial X Annual _____ Special _____ Date of Test 4-9-56Company Pacific Northwest Pipeline Corp Lease 28-6 Well No. 79-14Unit N Sec. 14 Twp. 28N Rge. 6W Purchaser _____Casing 7 1/8" Wt. _____ I.D. _____ Set at 3700 Perf. 5058 To 5659Tubing 2 3/8" Wt. _____ I.D. _____ Set at 3674 Perf. _____ To _____Gas Pay: From 3038 To 3679 L _____ xG .715 -GL _____ Bar. Press. 12 PSIAProducing Thru: Casing _____ Tubing X Type Well Single

Single-Bradenhead-G. G. or G.O. Dual

Date of Completion: 3/15/56 Packer _____ Reservoir Temp. _____

OBSERVED DATA

Tested Through (MCC) (Choke) (MCC) Start In 21 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.	
SI								
1.		<u>3/4"</u>	<u>372</u>		<u>71</u>	<u>1105</u>	<u>873</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>12.550</u>		<u>372</u>	<u>.873</u>	<u>.9161</u>	<u>1.045</u>	<u>1498</u>
2.							
3.							
4.							
5.							

PRESSURE CALCULATIONS

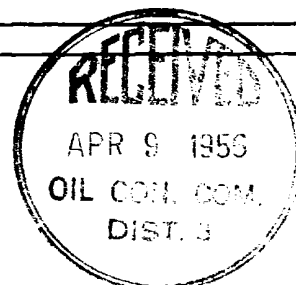
Gas Liquid Hydrocarbon Ratio _____ cf/bbl.
Gravity of Liquid Hydrocarbons _____ deg.
F_c _____ (1-e^{-s})

Specific Gravity Separator Gas _____
Specific Gravity Flowing Fluid _____
P_c 1117 P_c² 1247.7

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>1117</u>	<u>1247.7</u>		<u>2.69</u>
2.									
3.									
4.									
5.									

Absolute Potential: 2413 MCFPD; n .75/ 2.1004COMPANY PACIFIC NORTHWEST PIPELINE CORPADDRESS 4101 North 1st Street, Albuquerque, New MexicoAGENT and TITLE G. E. Wagner - Gas Well TesterWITNESSED D.C. AdamsCOMPANY El Paso Natural Gas Company

REMARKS



OIL CONSERVATION COMMISSION

ACCTG. & FIN. DEPT.

No. 1000-1000-3

EXHIBIT

Date

To

By

For

File

File

