

3- NMCC
1 - W.R. Johnston
1 - Funder
1 - Hollis
1 - Outler

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-122

Revised 12-1-55

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool Alamo Mesquite Formation Mesquite County El Arroyo
Initial X Annual _____ Special _____ Date of Test 3-22-56
Company Pacific Northwest Pipeline Corp Lease 28-6 Well No. 63-22
Unit K Sec. 22 Twp. 23N Rge. 6W Purchaser _____
Casing 7-1/8" Wt. _____ I.D. _____ Set at 3770 Perf. _____ To _____
Tubing 2 Wt. _____ I.D. _____ Set at 3699 Perf. _____ To _____
Gas Pay: From 3114 To 3696 L _____ xG .730 -GL _____ Bar.Press. PSIA 12
Producing Thru: Casing _____ Tubing X Type Well Single
Single-Bradenhead-G. G. or G.O. Dual
Date of Completion: 3-22-56 Packer _____ Reservoir Temp. _____

OBSERVED DATA

Tested Through (Packer) (Choke) (Meter) Shot in 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						<u>1087</u>		<u>1201</u>		
1.		<u>1/4"</u>	<u>375</u>		<u>72</u>	<u>375</u>		<u>377</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>12.3570</u>		<u>375</u>	<u>.9826</u>	<u>.9826</u>	<u>1.046</u>	<u>4488</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 1115 P_c 1203.2

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>1201</u>	<u>1201</u>	<u>1201</u>	<u>1201</u>
2.									
3.									
4.									
5.									

Absolute Potential: 994 MCFPD; n .75 = 2.1355

COMPANY PACIFIC NORTHWEST PIPELINE CORPORATION
ADDRESS 111 West Main Street, Huntington, New Mexico
AGENT and TITLE C. E. Johnston - Gas Well Tester
WITNESSED Van Gundy
COMPANY El Paso Natural Gas Company

REMARKS



OIL CONSERVATION COMMISSION

AZTEC DISTRICT OFFICE

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