

3 - NMCC
1 - W.R. Johnston
1 - Cutler
1 - Fowler
1 - Ellis

NEW MEXICO OIL CONSERVATION COMMISSION

2 - Phillips Petr.

Form C-122

Revised 12-1-55

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool BLANCO MESAVERDE Formation MESAVERDE County RIO ARriba
Initial X Annual _____ Special _____ Date of Test 2-27-56
Company PACIFIC NORTHWEST PIPELINE CORP Lease 29-6 Well No. 32-11
Unit L Sec. 11 Twp. 29N Rge. 6W Purchaser _____
Casing 7-5/8" Wt. _____ I.D. _____ Set at 5790 Perf. _____ To _____
Tubing 2" Wt. _____ I.D. _____ Set at 5727 Perf. _____ To _____
Gas Pay: From 5236 To 5762 L _____ xG .687 -GL _____ Bar.Press. _____
Producing Thru: Casing _____ Tubing X Type Well Single Braden Head
Single-Bradenhead-G. G. or G.O. Dual
Date of Completion: 2-17-56 Packer _____ Reservoir Temp. _____

OBSERVED DATA

Tested Through (Choke) S.I. 10 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>842</u>		<u>1060</u>		
1.		<u>3/4"</u>	<u>660</u>			<u>660</u>		<u>923</u>		<u>3</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>14.1605</u>		<u>672</u>	<u>.9859</u>	<u>.9359</u>	<u>1.066</u>	<u>9360</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 1092 P_c² 1192.5

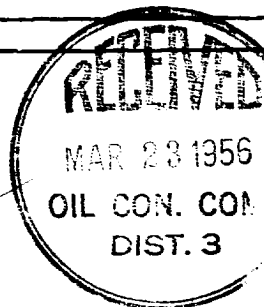
No.	P _w P _t (psia)	P _t ²	F _c Q	(F _c Q) ²	(F _c Q) ² (1-e ^{-s})	P _w ²	P _c ² -P _w ²	Cal. P _w	P _w P _c
1.						<u>674.2</u>	<u>318.3</u>		<u>3.75</u>
2.									
3.									
4.									
5.									

Absolute Potential: 25,225 MCFPD; n 75/ 2.6947

COMPANY PACIFIC NORTHWEST PIPELINE CORPORATION
ADDRESS 4334 West Main Street, Bannington, New Mexico
AGENT and TITLE C. E. Wagner, Gas Well Tester
WITNESSED _____
COMPANY _____

REMARKS

Corrected by later test



OIL CONSERVATION COMMISSION		
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