

- 3 - MESSOC
1 - W.R. Johnston
1 - Cutler
1 - Fowler
1 - Hollis

NEW MEXICO OIL CONSERVATION COMMISSION

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 3-16-56

Company PACIFIC NORTHWEST PIPELINE CORP Lease 28-6 Well No. 68-82

Unit _____ Sec. 22 Twp. 28N Rge. 6W Purchaser _____

Casing 5 1/2" Wt. _____ I.D. _____ Set at 5770 Perf. 5744 To 5158

Tubing 2" Wt. _____ I.D. _____ Set at 5736 Perf. 5736 To 5733

Gas Pay: From 5744 To 5158 L _____ xG .737 -GL _____ Bar.Press. 12 PSIA

Producing Thru: Casing _____ Tubing X Type Well Single

Date of Completion: 3-9-56 Packer _____ Single-Bradenhead-G. G. or G.O. Dual
Reservoir Temp. _____

OBSERVED DATA

Tested Through (28000) (Choke) (28000) S.I. 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>1098</u>		<u>1098</u>		
1.		<u>3/4"</u>	<u>394</u>		<u>67</u>	<u>394</u>		<u>905</u>		<u>3</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>12.3650</u>		<u>406</u>	<u>.9933</u>	<u>.9035</u>	<u>1.055</u>	<u>4753</u>
2.							
3.							
4.							
5.							

PRESSURE CALCULATIONS

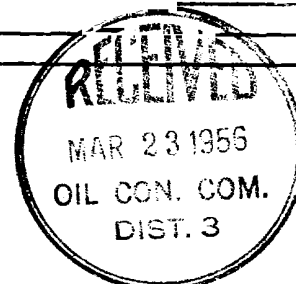
Gas Liquid Hydrocarbon Ratio _____ cf/bbl.
Gravity of Liquid Hydrocarbons _____ deg.
F_c _____ (1-e^{-s})

Specific Gravity Separator Gas _____
Specific Gravity Flowing Fluid _____
P_c 1110 P_c 1232.1

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>3275</u>	<u>3275</u>		<u>3.149</u>
2.									
3.									
4.									
5.									

Absolute Potential: 11,287 MCFPD; n .75
COMPANY PACIFIC NORTHWEST PIPELINE CORPORATION
ADDRESS 4134 West Main Street, Farmington, New Mexico
AGENT and TITLE G. E. Wagner - Gas Well Tester
WITNESSED Sam Grant
COMPANY El Paso Natural Gas Company

REMARKS



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