

3 - HOOCE
1 - W.R. Johnston
1 - Lee Tracy
1 - Fowler
1 - Hallis

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-122

Revised 12-1-55

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool El Paso Nat. Gas Blanco Mesaverte Formation Mesaverte County Rio Arriba
Initial _____ Annual _____ Special _____ Date of Test 5/3/56
Company Pacific Northwest Pipeline Corp Lease 30-6 Well No. 16-86
Unit 1 Sec. 26 Twp. 30N Rge. 6W Purchaser _____
Casing 5 Wt. _____ I.D. _____ Set at 3746 Perf. 5576 To 6088
Tubing 2 Wt. _____ I.D. _____ Set at 5996 Perf. _____ To _____
Gas Pay: From _____ To _____ L _____ xG .655 -GL _____ Bar. Press. 12 PSIA
Producing Thru: Casing _____ Tubing 2 Type Well Single
Single-Bradenhead-G. G. or G.O. Dual
Date of Completion: 4/21/56 Packer _____ Reservoir Temp. _____

OBSERVED DATA

Tested Through (20000) (Choke) (20000) Start In 12 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>1000</u>		<u>1118</u>		
1.		<u>3/4</u>	<u>248</u>		<u>71</u>	<u>248</u>	<u>71</u>	<u>798</u>		<u>3 hrs.</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>12.9690</u>		<u>200</u>	<u>.9896</u>	<u>.9571</u>	<u>1.004</u>	<u>3118</u>
2.							
3.							
4.							
5.							

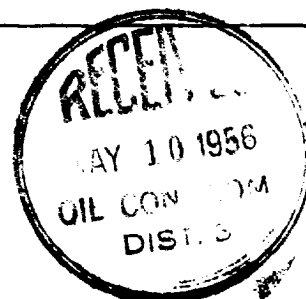
PRESSURE CALCULATIONS

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 1130 P_c² 1277.0

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>695.1</u>	<u>689.9</u>		<u>2.077</u>
2.									
3.									
4.									
5.									

Absolute Potential: 3361 MCFPD; n .75 = 1.7294
COMPANY PACIFIC NORTHWEST PIPELINE CORPORATION
ADDRESS 1134 East Main Street, Farmington, New Mexico
AGENT and TITLE G. R. Wagner - Gas Well Tester
WITNESSED E. C. McBride
COMPANY El Paso Natural Gas Company

REMARKS



OIL CONSERVATION COMMISSION		
ATERO DISTRICT OFFICE		
1. NAME OF THE	3	
2. ADDRESS		
3. PHONE NO.		
4. TYPE OF BUSINESS	1	
5. DATE OF ESTABLISHMENT	1	
6. CAPITAL	1	
7. EMPLOYMENT	✓	