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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 SAN JUAN
Initial X Annual _____ Special _____ Date of Test 7/5/56
Company PACIFIC NORTHWEST PIPELINE CORP Lease 32-10 AZTEC Well No. 2-8
Unit N Sec. 8 Twp. 32N Rge. 10W Purchaser _____
Casing 5" Wt. _____ I.D. _____ Set at 5397 Perf. 5354 To 4812
Tubing 2-3/8 Wt. _____ I.D. _____ Set at 5339' Perf. _____ To _____
Gas Pay: From 5354 To 4812 L _____ xG .605 -GL _____ Bar.Press. 12 psia
Producing Thru: Casing _____ Tubing L Type Well SINGLE
Single-Bradenhead-G. G. or G.O. Dual
Date of Completion: 6/27/56 Packer _____ Reservoir Temp. _____

OBSERVED DATA

Tested Through (Prover) (Choke) (Meter) Shut In 8 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						<u>1011</u>	<u>1010</u>	
1.		<u>3/4</u>	<u>291</u>		<u>97</u>	<u>291</u>	<u>711</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>12.3650</u>		<u>303</u>	<u>.9662</u>	<u>.9958</u>	<u>1.019</u>	<u>3673</u>
2.							
3.							
4.							
5.							

PRESSURE CALCULATIONS

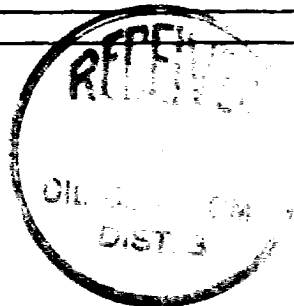
Gas Liquid Hydrocarbon Ratio _____ cf/bbl.
Gravity of Liquid Hydrocarbons _____ deg.
F_c _____ (1-e^{-s})
Specific Gravity Separator Gas _____
Specific Gravity Flowing Fluid _____
P_c 1003 P_c² 1046.5

No.	P _w P _t (psia)	P _t ²	F _c Q	(F _c Q) ²	(F _c Q) ² (1-e ^{-s})	⁷²³ P _w ²	P _c ² -P _w ²	Cal. P _w	P _w /P _c
1.						<u>522.7</u>	<u>523.8</u>		<u>2.00</u>
2.									
3.									
4.									
5.									

Absolute Potential: 6,177 MCFPD; n .75 = 1.6817

COMPANY _____
ADDRESS 4054 N. Broadway, Farmington, New Mexico
AGENT and TITLE C. R. WAGNER, GAS ENGINEER.
WITNESSED _____
COMPANY _____

REMARKS



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