

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool BLANCO MESA VERDE Formation MESA VERDE County SAN JUAN

Initial X Annual _____ Special _____ Date of Test 3-15-56

Company PACIFIC NORTHWEST PIPELINE CORP Lease ONE CANYON 30-11 Well No. 6-16

Unit A Sec. 16 Twp. 30N Rge. 11W Purchaser _____

Casing 5" Wt. _____ I.D. _____ Set at 5749 Perf. 5748' To 5116'

Tubing 2" Wt. _____ I.D. _____ Set at 5722 Perf. 5722 To 5719

Gas Pay: From 5116 To 5748 L _____ xG .60 -GL _____ Bar. Press. 12 PSIA

Producing Thru: Casing _____ Tubing X Type Well Single

Single-Bradenhead-G. G. or G.O. Dual

Date of Completion: 3-7-56 Packer _____ Reservoir Temp. _____

OBSERVED DATA

Tested Through (~~Bottom~~) (Choke) (~~2 1/2"~~) S.I. 8 1/2" 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.	
1.		<u>3/4"</u>	<u>147</u>			<u>147</u>	<u>147</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>12.300</u>		<u>149</u>	<u>.955</u>	<u>.954</u>	<u>1.041</u>	<u>5.022</u>
2.							
3.							
4.							
5.							

PRESSURE CALCULATIONS

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

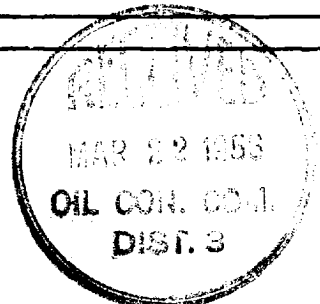
Specific Gravity Separator Gas _____
 Specific Gravity Flowing Fluid _____
 P_c 1072 P_c 1146

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>149</u>	<u>149</u>		<u>1.9</u>
2.									
3.									
4.									
5.									

Absolute Potential: 21.200 MCFPD; n .75

COMPANY PACIFIC NORTHWEST PIPELINE CORPORATION
 ADDRESS 1301 West 10th Street, Fairbanks, Alaska
 AGENT and TITLE G. E. Rogers - San Juan Office
 WITNESSED _____
 COMPANY _____

REMARKS



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