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- 1 - Lee Erby
- 1 - Richey
- 1 - Foster
- 1 - Gellier
- 1 - Hallie

NEW MEXICO OIL CONSERVATION COMMISSION

2 - Phillips Petr.

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Form C-122
Revised 12-1-55

Pool Alamosa Formation Mesa Verde County Rio Arriba
Initial X Annual _____ Special _____ Date of Test 5-14-56
Company Pacific Northwest Pipeline Corp Lease 30-5 Well No. 15-10
Unit 2 Sec. 19 Twp. 30N Rge. 7W Purchaser _____
Casing 7 80 Wt. 11.5 I.D. _____ Set at 5735.69 Perf. 5316 To 5766
Tubing 2-3/8 Wt. 4.7 I.D. _____ Set at 5747 Perf. 5744.5 To 5747
Gas Pay: From 5316 To 5766 L _____ xG .63 -GL _____ Bar. Press. 12 PSIA
Producing Thru: Casing _____ Tubing X Type Well Single
Date of Completion: 5-6-56 Packer _____ Reservoir Temp. _____
Single-Bradenhead-G. G. or G.O. Dual

OBSERVED DATA

Tested Through (GELLINE) (Choke) (GELLINE) Shut in 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						1190		1187		
1.		3/4				189	68	576		3 Hours
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.	24 12.3690		211	.9984	.9888	1.021	2540
2.							
3.							
4.							
5.							

PRESSURE CALCULATIONS

Gas Liquid Hydrocarbon Ratio _____ cf/bbl. Specific Gravity Separator Gas _____
Gravity of Liquid Hydrocarbons _____ deg. Specific Gravity Flowing Fluid _____
F_c _____ (1-e^{-s}) P_c 1199 P_c² 1438

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.						345	1092		1.1163
2.									
3.									
4.									
5.									

Absolute Potential: 3183 MCFPD; n .75/ 1.889
COMPANY PACIFIC NORTHWEST PIPELINE CORPORATION
ADDRESS 111 1/2 West Main Street, Farmington, New Mexico
AGENT and TITLE Carl E. Matthews - Assistant Drilling Engineer
WITNESSED _____
COMPANY _____

REMARKS



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