

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-122

Revised 12-1-55

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool Artes Formation Frontland County San Juan
Initial X Annual _____ Special _____ Date of Test 7-13-56
Company Pecos Petroleum Corporation Lease State Well No. 23
Unit 1 Sec. 36 Twp. 25N Rge. 11W Purchaser El Paso Natural Gas Co
Casing Wt. 14 I.D. 5 1/2 Set at 1649 Perf. 1662 To 1673
Tubing Wt. 1.75 I.D. 1" Set at 1717 Perf. 1677 To 1716
Gas Pay: From 1669 To 1684 L _____ xG _____ -GL _____ Bar.Press. _____
Producing Thru: Casing _____ Tubing X Type Well single
Single-Bradenhead-G. G. or G.O. Dual
Date of Completion: 7-2-56 Packer _____ Reservoir Temp. _____

OBSERVED DATA

Tested Through (Prover) (Choke) (Meter) 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.	
1.	1"	3/8				247	60	247	60	1
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.						Pressure too low for chart	
2.	1.030		34	1.00	1.00	1.0001	104.2
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 959 P_c² 312

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.						9	309		
2.									
3.									
4.									
5.									

Absolute Potential: 106 MCFPD; n 0.85COMPANY PECOS PETROLEUM CORPORATIONADDRESS 107 West ChaseAGENT and TITLE E. E. Marshall, Jr., Mgr. Prod. Dept.WITNESSED Wynn MartinCOMPANY PECOS PETROLEUM CORPORATION

REMARKS

ILLECIBLE



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