

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-122

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Revised 12-1-55

Pool South Blanco Formation Mesa Verde County San Juan  
 Initial X Annual \_\_\_\_\_ Special \_\_\_\_\_ Date of Test 5-12-59  
 Company The Texas Company Lease New Mexico Gas Unit Well No. 1-C  
 Unit K Sec. 36 Twp. 30N Rge. 10W Purchaser El Paso Natural Gas Co.  
 Casing 7" Wt. 20.00 I.D. 7.00 Set at 2537 Perf. 4064 To 4160  
4 1/2" Wt. 9.50 I.D. 4.00 Set at 2436-4845 Perf. 4650 To 4774  
 Tubing 2 3/8 Wt. 4.7 I.D. 2.00 Set at 4800 Perf. Open ended. To \_\_\_\_\_  
 Gas Pay: From 4064 To 4774 L \_\_\_\_\_ xG \_\_\_\_\_ -GL \_\_\_\_\_ Bar. Press. \_\_\_\_\_  
 Producing Thru: Casing \_\_\_\_\_ Tubing X Type Well Single gas.  
 Date of Completion: 4-27-59 Packer \_\_\_\_\_ Single-Bradenhead-G. G. or G.O. Dual Reservoir Temp. \_\_\_\_\_

OBSERVED DATA

Tested Through ~~(Prover)~~ (Choke) ~~(XXXXXX)~~ Type Taps \_\_\_\_\_

No.	Flow Data					Tubing Data		Casing Data		Duration of Flow Hr.
	(Prover) (Line) Size	(Choke) <del>(XXXXXX)</del> Size	Press. psig	Diff. h <sub>w</sub>	Temp. °F.	Press. psig	Temp. °F.	Press. psig	Temp. °F.	
SI						1075		1075		7 Days Shutin.
1.		.750	277		76	277		645		3 Hours.
2.										
3.										
4.										
5.										

FLOW CALCULATIONS

No.	Coefficient (24-Hour)	$\sqrt{h_w P_f}$	Pressure psia	Flow Temp. Factor F <sub>t</sub>	Gravity Factor F <sub>g</sub>	Compress. Factor F <sub>pv</sub>	Rate of Flow Q-MCFPD @ 15.025 psia
1.	12.365		289	.9850	.9325	1.028	3374
2.							
3.							
4.							
5.							

PRESSURE CALCULATIONS

Gas Liquid Hydrocarbon Ratio \_\_\_\_\_ cf/bbl.  
 Gravity of Liquid Hydrocarbons \_\_\_\_\_ deg.  
 F<sub>c</sub> \_\_\_\_\_ (1-e<sup>-s</sup>)  
 Specific Gravity Separator Gas \_\_\_\_\_  
 Specific Gravity Flowing Fluid \_\_\_\_\_  
 P<sub>c</sub> 1087 P<sub>c</sub><sup>2</sup> 1181569

No.	P <sub>w</sub> Pt (psia)	P <sub>t</sub> <sup>2</sup>	F <sub>c</sub> Q	(F <sub>c</sub> Q) <sup>2</sup>	(F <sub>c</sub> Q) <sup>2</sup> (1-e <sup>-s</sup> )	P <sub>w</sub> <sup>2</sup>	P <sub>c</sub> <sup>2</sup> -P <sub>w</sub> <sup>2</sup>	Cal. P <sub>w</sub>	P <sub>w</sub> /P <sub>c</sub>
1.						431649	749920		
2.									
3.									
4.									
5.									

Absolute Potential: 4747 MCFPD; n .75  
 COMPANY Well Production Co.  
 ADDRESS 1041 Zuni Drive Farmington, New Mexico  
 AGENT and TITLE N.A. Neely Tester & Operator.  
 WITNESSED Max Webb  
 COMPANY Well Production Co.

REMARKS



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