

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-122

Revised 12-1-55

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool Anteo Formation Pictured Cliffs County San Juan  
 Initial X Annual \_\_\_\_\_ Special \_\_\_\_\_ Date of Test 2-21-58  
 Company John H. Trigg Lease Red "V" San Juan Well No. 1-14  
 Unit F Sec. 14 Twp. 30N Rge. 11W Purchaser \_\_\_\_\_  
 Casing 7" Wt. \_\_\_\_\_ I.D. \_\_\_\_\_ Set at 2425 Perf. 2341 To 2341  
 Tubing 1" Wt. \_\_\_\_\_ I.D. \_\_\_\_\_ Set at 2390 Perf. 2390 To 2390  
 Gas Pay: From \_\_\_\_\_ To \_\_\_\_\_ L \_\_\_\_\_ xG .600 mGL \_\_\_\_\_ Bar.Press. \_\_\_\_\_  
 Producing Thru: Casing \_\_\_\_\_ Tubing X Type Well Single  
 Single-Bradenhead-G. G. or G.O. Dual  
 Date of Completion: \_\_\_\_\_ 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 <sub>w</sub>	Temp. °F.	Press. psig	Temp. °F.	Press. psig	
SI						<u>669</u>		<u>670</u>	
1.								<u>587</u>	<u>55</u>
2.		<u>3/4</u>	<u>69</u>						
3.									
4.									
5.									

FLOW CALCULATIONS

No.	Coefficient (24-Hour)	$\sqrt{h_{wpf}}$	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.							
2.	<u>12.3650</u>		<u>81</u>	<u>1.0048</u>	<u>1.000</u>	<u>1.00</u>	<u>1,004</u>
3.							
4.							
5.							

PRESSURE CALCULATIONS

Gas Liquid Hydrocarbon Ratio \_\_\_\_\_ cf/bbl.  
 Gravity of Liquid Hydrocarbons \_\_\_\_\_ deg.  
 P<sub>c</sub> \_\_\_\_\_ (1-e<sup>-s</sup>)  
 Specific Gravity Separator Gas \_\_\_\_\_  
 Specific Gravity Flowing Fluid \_\_\_\_\_  
 P<sub>c</sub> 682 P<sub>c</sub> 465,124

No.	P <sub>w</sub> P <sub>t</sub> (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.									
2.	<u>599</u>					<u>358,801</u>	<u>106,323</u>		<u>4.3746</u>
3.									
4.									
5.									

Absolute Potential: 3526 MCFPD; n .85 3.505  
 COMPANY Val R. Kesse & Assoc., Inc.  
 ADDRESS 120 S. Commercial, Farmington, N.H.  
 AGENT and TITLE T.A. Dugan, Consulting Engineer  
 WITNESSED \_\_\_\_\_  
 COMPANY \_\_\_\_\_

REMARKS



