

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-122

Revised 12-1-55

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool Aztica Formation Bloomfield County San Juan
 Initial X Annual _____ Special _____ Date of Test 5-7-60
 Company Kay Kimbell Lease Cook-Bloomfield Well No. 2
 Unit N Sec. 27 Twp. 29N Rge. 11W Purchaser F
 Casing 5 1/2 Wt. 15.5 I.D. 5.00 Set at 1440 Perf. 1390 To 1415
 Tubing 2 3/8 Wt. 4.7 I.D. 2.00 Set at 1405 Perf. OPEN ENDED To _____
 Gas Pay: From 1390 To 1410 L _____ xG _____ -GL _____ Bar.Press. _____
 Producing Thru: Casing _____ Tubing X Type Well Single Gas
 Single-Bradenhead-G. or G.O. Dual _____
 Date of Completion: 5-7-60 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.
SI										
1.		<u>1.750</u>	<u>208</u>		<u>61°</u>	<u>581</u>	<u>208</u>	<u>581</u>	<u>343</u>	<u>72 Hrs.</u>
2.										
3.										
4.										
5.										

FLOW CALCULATIONS

No.	Coefficient (24-Hour)	$\sqrt{h_{wpf}}$	Pressure psia	Flow Temp. Factor Ft	Gravity Factor F _g	Compress. Factor F _{pv}	Rate of Flow Q-MCFPD @ 15.025 psia
1.	<u>12.365</u>		<u>220</u>	<u>.9990</u>	<u>1.030</u>	<u>1.017</u>	<u>2847</u>
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 _____
 P_c _____ (1-e^{-S}) P_c 573 P_c 351.649

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>36025</u>	<u>221.629</u>		
2.									
3.									
4.									
5.									

Absolute Potential: 4151 MCFPD; n .95
 COMPANY Well Production Company
 ADDRESS N. A. NEELY, OWNER
 AGENT and TITLE 1041 ZUNI DRIVE
 WITNESSED SARASOTON, NEW MEXICO
 COMPANY _____

REMARKS (1.5585)⁸⁵ 1.4581

