

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-122

Revised 12-1-55

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool Fulcher-Kutz Extension Formation Pictured Cliffs County San Juan
Initial X Annual _____ Special _____ Date of Test July 3, 1956
Company Aztec Oil & Gas Company Lease McClanahan Well No. 8
Unit P Sec. 24 Twp. 28-N Rge. 10-W Purchaser Southern Union Gas Company
Casing 5 1/2" Wt. 14# I.D. - - Set at 2094' Perf. 2022' To 2058'
Tubing 1" Wt. 1.7# I.D. - - Set at 2038' Perf. _____ To _____
Gas Pay: From 2022' To 2058' L _____ xG _____ -GL _____ Bar.Press. _____
Producing Thru: Casing X Tubing _____ Type Well Single
Single-Bradenhead-G. G. or G.O. Dual
Date of Completion: June 26, 1956 Packer None Reservoir Temp. _____

OBSERVED DATA

Tested Through (PROVER) (Choke) (METER) 7 day Shut-in 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						663		663		
1.		3/4"				320	60	253	60	3 hour
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.	12.365		265	1.0	0.961	1.031	3247
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 675 P_c² 465265

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.	265					70225	385100		
2.									
3.									
4.									
5.									

Absolute Potential: 3737 MCFPD; n .85COMPANY AZTEC OIL & GAS COMPANYADDRESS P O Box 786, Farmington, New MexicoAGENT and TITLE ORIGINAL SIGNED BY BILL R. HASTINGS, Production Engineer

WITNESSED _____

COMPANY _____

REMARKS _____



OIL CONSERVATION COMMISSION		
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