

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool Fulcher Kuty Formation FRUITLAND County SAN JUAN
 Initial X Annual _____ Special _____ Date of Test 11-30-59
 Company Texaco, Inc. Lease N.MEX GAS UNIT Well No. D 1
 Unit M Sec. 32 Twp. 29N Rge. 10W Purchaser El Paso Natural Gas Co
 Casing 4 1/2 Wt. 9.50 I.D. _____ Set at 1890 Perf. 1740 To 1760
 Tubing None Wt. _____ I.D. _____ Set at _____ Perf. _____ To _____
 Gas Pay: From 1740 To 1760 L _____ x3 _____ -GL _____ Bar. Press. _____
 Producing thru: Casing X Tubing _____ Type Well Dual Gas
 Single-Bradenhead-G. G. or G.O. Dual
 Date of Completion: 11-30-59 Packer 1890 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.	
1.						633		7 Days
2.			192			192		
3.								
4.								
5.								

FLOW CALCULATIONS

No.	Coefficient (24-Hour)	$\sqrt{h_{wp}}$	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		204	.9887	.9877	1.020	2513
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 645 P_c 416025

No.	P _w P _t (psia)	P _t ²	P _c Q	(P _c Q) ²	(P _o Q) ² (1-e ^{-s})	P _w ²	P _c ² -P _w ²	Cal. P _w	P _w /P _c
1.									
2.									
3.									
4.									
5.									

Absolute Potential: 2,513 MCFPD; n .85

COMPANY

ADDRESS

AGENT and TITLE

WITNESSED

COMPANY

Well Production Company

N. A. NEELY, OWNER

1847 2ND DRIVE

FARMINGTON, NEW MEXICO

REMARKS

