

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool Fulcher Kutz P.C. Formation Pictured Cliffs County San Juan
Initial XXXX Annual _____ Special _____ Date of Test 8/13/64
Company Aztec Oil & Gas Co. Lease Dallabetta Well No. 1
Unit N Sec. 20 Twp. 29N Rge. 11W Purchaser Souther Union Gas Co.
Casing 3-1/2" Wt. 7.7 I.D. 3.2 Set at 1640 Perf. 1514 To 1576
Tubing 1" Wt. 1.7 I.D. _____ Set at 1530 Perf. 1510 To 1520
Gas Pay: From 1514 To 1574 L 1514 xG .000 Est -GL105 60 Bar.Press. _____
Producing Thru: Casing XXX Tubing _____ Type Well Single Gas
Date of Completion: 8/6/64 Packer XX Single-Bradenhead-G. G. or G.O. Dual
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	7 Days					204	60°Est	204	60°Est	
1.	2"	3/4"				123		97		3 Hrs
2.										
3.										
4.										
5.										

FLOW CALCULATIONS

No.	Coefficient (24-Hour)	$\sqrt{h_w p_f}$	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		109	1.00	.925	1.014	1265
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 246 P_c 46656

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.	135	18225					28431		
2.									
3.									
4.									
5.									

Absolute Potential: 1927 MCFPD; n .85COMPANY Aztec Oil & Gas Co.ADDRESS P.O. Box 570, Farmington, New MexicoAGENT and TITLE Carl E. Jameson, Dist Engr.

WITNESSED _____

COMPANY _____

REMARKS _____

