

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

3
RECEIVED
JAN 09 1986
Oil CON. DEPT.

Type Test <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input type="checkbox"/> Special				Test Date 1/2/86	
Company Joel B. Burr, Jr.			Connection		
Pool Fulcher Kutz Ext			Formation Fruitland		
Completion Date 12/21/85		Total Depth 1935		Plug Back TD 1880	Elevation 5656
Farm or Lease Name Amoco		Well No. 1			
Csq. Size 2 7/8		WI. 6.5	d	Set At 1911	Perforations: From 1504 To 1512
Thq. Size		WI.	d	Set At	Perforations: From To
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At N/A	
Producing Thru 2 7/8" Casing		Reservoir Temp. °F		Mean Annual Temp. °F	
Baro. Press. - P _a 12.0		State New Mexico			
L	H	G _g 0.60	% CO ₂	% N ₂	% H ₂ S
Prover		Meter Run	Taps		

NO.	FLOW DATA			TUBING DATA		CASING DATA		Duration of Flow
	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	Press. p.s.i.g.	
SI							.645	
1.	2" x 6"		3/4"				107	40
2.								
3.								
4.								
5.								

NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
2.							
3.							
4.							
5.							

NO.	P _f	Temp. °R	T _f	Z	Gas Liquid Hydrocarbon Ratio		Rate of Flow Q, Mcfd
					A.P.I. Gravity of Liquid Hydrocarbons	Deg.	
1.	.1771	500	1.397	0.973			XXXXXXX
2.							XXXXX
3.							
4.							
5.							

P _c 657	P _c ² 432				
NO.	P _f ²	P _w ²	P _w ²	P _c ² - P _w ²	
1			19	413	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.046$
2					(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.039$
3					AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1816$
4					
5					

Absolute Open Flow 1816 Mcfd @ 15.025 Angle of Slope @ _____ Slope, n 0.85

Remarks: _____

Approved By: Division _____ Conducted By: _____ Calculated By: John Alexander Checked By: _____

