

NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 9-20-85	
Company El Paso Natural Gas		Connection	
Pool Blanco		Formation Mesa verde	
Completion Date 9-20-85	Total Depth 5208	Plug Back TD 5194	Elevation 6409 GR
Farm or Lease Name Turner Hughes			Well No. #14A
Csg. Size 7.000	Int. 20	Set At 5208	Perforations: From *4723 To 5184
Tub. Size 2 3/8	Int. 4.7	Set At 5396	Perforations: From To
Type well - Single - Straddlehead - G.G. or G.O. Multiple Single		Packer Set At None	County San Juan
Producing Thru Tbg.	Reservoir Temp. °F a	Mean Annual Temp. °F	Baro. Press. - P _a 12
State New Mexico			
L	H	Gg	% CO ₂
		.690	
FLOW DATA		TUBING DATA	
Casing Data		Duration	
NO.	Prover Line Size	X	Orifice Size
SI			
1.	.750		141
2.			
3.			
4.			
5.			
RATE OF FLOW CALCULATIONS			
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m
1	12.365		153
2			
3			
4			
5			
NO.	P _r	Temp. °R	T _r
1			
2			
3			
4			
5			
Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl. A.P.I. Gravity of Liquid Hydrocarbons _____ Deg. Specific Gravity Separator Gas _____ X X X X X X X X Specific Gravity Flowing Fluid _____ X X X X X Critical Pressure _____ P.S.I.A. _____ P.S.I.A. Critical Temperature _____ R _____ R			
P _r 730 P _a 532900 (1) $\frac{P_c^2}{P_c^2 - P_w^2} = \frac{532900}{359844}$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.3425$			
NO.	P _r	P _w	P _c ² - P _w ²
1		416	173056
2			
3			
4			
5			
ACF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2376$			
Absolute Open Flow 2376 Mcfd @ 15.025 Angle of Slope 1.75			
Remarks: *4.500 liner from 2593 to 5208. Heavy mist during test. Gas vented during test 269 MCF. DIST. 3			
Approved by Commission:		Conducted By:	Calculated By:
		Bill Huntington	Cliff Brock
			Checked By: kld