

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

Form C-122  
Revised 9-1-65

Type Test <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input type="checkbox"/> Special		Test Date 12-17-85	
Company El Paso Natural Gas		Connection	
Pool Basin		Formation Dakota	
Completion Date 12-17-85		Total Depth 7010'	Plug Back TD 6980'
Elevation 6383' GR		Farm or Lease Name Turner Hughes	
Csg. Size 4 1/2	wt. 10.5	d 4.052	Set At 6995'
Perforations: From 6775'		To 6932'	
Well No. #14E			
Req. Size 1.900	wt. 2.9	d 1.610	Set At 6935
Perforations: From		To	
Unit 0	Sec. 04	Twp. 27	Rge. 09
Type Well - Single - Bradenhead - 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 <sub>a</sub> 12
State New Mexico			
L	H	G <sub>g</sub>	% CO <sub>2</sub>
		% N <sub>2</sub>	% H <sub>2</sub> S
Prover	Meter Run	Taps	
FLOW DATA			
TUBING DATA			
CASING DATA			
NO.	Prover Line Size	X	Orifice Size
	Press. p.s.i.g.	Diff. hw	Temp. °F
	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.
	Temp. °F	Press. p.s.i.g.	Temp. °F
	Press. p.s.i.g.	Temp. °F	Duration of Flow
SI			1309
			1274
			7 Days
1.			
2.			
3.			
4.			
5.			
RATE OF FLOW CALCULATIONS			
NO.	Coefficient (24 Hour)	$\sqrt{P_w P_m}$	Pressure P <sub>m</sub>
			Flow Temp. Factor Ft.
			Gravity Factor F <sub>g</sub>
			Super Compress. Factor, F <sub>pv</sub>
			Rate of Flow Q, Mcfd
1.			
2.			
3.			
4.			
5.			
NO.	P <sub>r</sub>	Temp. °R	T <sub>r</sub>
			Z
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 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 <sub>r</sub>	P <sub>w</sub>		
NO.	P <sub>r</sub>	P <sub>w</sub>	P <sub>r</sub> - P <sub>w</sub>
1.			
2.			
3.			
4.			
5.			
(1) $\frac{P_r^2}{P_r^2 - P_w^2} =$ _____      (2) $\left[ \frac{P_r^2}{P_r^2 - P_w^2} \right]^n =$ _____ AOF = Q $\left[ \frac{P_r^2}{P_r^2 - P_w^2} \right]^n =$ _____			
DEC 19 1985			
OIL CON. DIV.			
DIST. 3			
Absolute Open Flow _____ Mcfd @ 15.025		Angle of Slope → _____	
Slope, n _____			
Remarks: _____			
Approved by Commission:		Conducted By: Les Hepner	
Calculated By: Scott Lindsey		Checked by: kld	