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

Form C-122
Revised 9-1-65

Correct Copy

Type Test: [X] Initial [ ] Annual [ ] Special				Test Date: 9-3-85	
Company: El Paso Natural Gas		Connection:			
Pool: Blanco		Formation: Pictured Cliffs		Unit:	
Completion Date: 9-3-85	Total Depth: 2608	Plug Back TD: 2598	Elevation: 5744 GR	Farm or Lease Name: Howell K	
Csg. Size: 2.875 / Wt.: 6.4 / d: 2.441 / Set At: ———		Perforations: From 2440 To 2557		Well No.: #6	
Tbg. Size: / Wt.: Tubingless Completion / d: / Set At:		Perforations: From To		Unit: L / Sec.: 20 / Twp.: 30 / Rge.: 08	
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Single		Packer Set At: None		County: San Juan	
Producing Thru: Csg.	Reservoir Temp. °F: @	Mean Annual Temp. °F:	Baro. Press. – P_a: 12	State: New Mexico	
L:	H:	Gg: .670	% CO_2:	% N_2:	% H_2S:
Prover:	Meter Run:	Taps:			

	FLOW DATA				TUBING DATA		CASING DATA		
NO.	Prover Line Size	X Orifice Size	Press. p.s.i.g.	Diff. h_w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	Duration of Flow
SI								959		7 Days
1.		.750	12		61			12		3 Hrs.
2.										
3.										
4.										
5.										

RATE OF FLOW CALCULATIONS

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
1	12.365		24	.9990	.9463	1.004	282
2							
3							
4							
5							

NO.	P_r	Temp. °R	T_r	Z
1				
2.				
3.				
4				
5				

Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
Specific Gravity Separator Gas _____ XXXXXXXXX
Specific Gravity Flowing Fluid XXXXX _____
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
Critical Temperature _____ R _____ R

P_c 971 P_c^2 942841

NO	P_t	P_w	P_w^2	$P_c^2 - P_w^2$
1		29	841	942000
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \frac{942841}{942000}$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.000$

OIL CON. DIV.
DIST. 3

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n =$ 282

Absolute Open Flow 282 Mcfd @ 15.025 Angle of Slope θ _____ Slope, n .85

Remarks: Blew light mist during test.
Gas vented during test = 29 MCF.

Approved by Commission:	Conducted By:	Calculated By:	Checked By:
	Bob Easterling	Cliff Brock	kld