NEW MEXICO OIL CONSERVATION COMMSSION

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

RECEIVED
MAR 5 1982
OIL CON. COM.
DIST. 3

Type Test: [X] Initial [ ] Annual [ ] Special			Test Date: 3-3-82		
Company: El Paso Natural Gas Company		Connection: El Paso Natural Gas Company			(OWWO)
Pool: Blanco		Formation: Mesa Verde		Unit	
Completion Date: 2-24-82	Total Depth: 4644	Plug Back TD: 4610	Elevation: 5774 GR	Farm or Lease Name: Warren	
Csg. Size: 7.625 / Wt.: 26.4 / d: 6.969 / Set At: 2371		Perforations: From *4368 To 4600		Well No.: #2	
Tbg. Size: 2.375 / Wt.: 4.7 / d: 1.995 / Set At: 4554		Perforations: From To		Unit: K / Sec.: 12 / Twp.: 28 / Rge.: 9	
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: G. G. Dual		Packer Set At: 2280		County: San Juan	
Producing Thru: Tbg.	Reservoir Temp. °F: @	Mean Annual Temp. °F:	Baro. Press. – P_a: 12	State: New Mexico	

L	H	Gg	% CO_2	% N_2	% H_2S	Prover	Meter Run	Taps
		6.80						

	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						370				
1.		.750	25		51	25				7 Days 3 Hours
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		37	1.0088	.9393	1.004	435
2.							
3.							
4.							
5.							

NO.	P_t	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 382 P_c^2 145924

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1	1369	69	4761	11966
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \frac{145924}{11966}$

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.2856$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 559$

Absolute Open Flow 559 Mcfd @ 15.025 | Angle of Slope θ _____ | Slope, n .75

Remarks: *5.500" Liner 2296' - 4639'
Gas Vented During Test 75 MCF

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
	Tom McAndrew	Ed Mabe	