NEW MEXICO OIL CONSERVATION COMMSSION

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

RECEIVED
FEB 07 1986
OIL CON. DIV.
DIST. 3

Type Test: [X] Initial [ ] Annual [ ] Special				Test Date: 2-6-86	
Company: El Paso Natural Gas		Connection:			
Pool: Blanco		Formation: Mesa Verde			Unit:
Completion Date: 2-6-86	Total Depth: 5615	Plug Back TD: 5496	Elevation: 6280 GR		Farm or Lease Name: Lloyd
Csg. Size: 7.000 / Wt.: 20 / d: 6.456 / Set At: 3054		Perforations: From 5080* To 5345			Well No.: #2
Tbg. Size: 2.375 / Wt.: 4.7 / d: 1.995 / Set At: 5335		Perforations: From To			Unit: G / Sec.: 24 / Twp.: 30 / Rge.: 11
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Single		Packer Set At: None			County: San Juan
Producing Thru: Tbg.	Reservoir Temp. °F: @	Mean Annual Temp. °F:	Baro. Press. – P_a: 12		State: New Mexico
L:	H:	Gg: .700	% 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						346		1070		7 Days
1.		.750	324		64	324		745		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		336	.9962	.9258	1.042	3993
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 _____ XXXXXXXXXX
Specific Gravity Flowing Fluid XXXXX _____
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
Critical Temperature _____ R _____ R

P_c 1082 P_c^2 1170724

NO	P_t	P_w	P_w^2	$P_c^2 - P_w^2$
1		757	573049	597675
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \frac{1170724}{597675}$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.6557$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 6611$

Absolute Open Flow 6611 Mcfd @ 15.025 | Angle of Slope θ _____ | Slope, n .75

Remarks: 4½" Liner - 2887 - 5514
Gas Vented During Test = 584 MCF.

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
	Loren Fothergill	Scott H. Lindsay	kld