NEW MEXICO OIL CONSERVATION COMMSSION

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

Type Test: [X] Initial [ ] Annual [ ] Special — Test Date: 11-07-85

Company: El Paso Natural Gas	Connection:			
Pool: Blanco	Formation: Mesa Verde			Unit:
Completion Date: 11-07-85	Total Depth: 6482	Plug Back TD: 6467	Elevation: 6860 GR	Farm or Lease Name: S.J. 28-5 Unit
Csg. Size: 4.500 / Wt.: 10.5 / d: 4.052 / Set At: 6479	Perforations: From 5624 To 6395			Well No.: #2
Tbg. Size: 2.375 / Wt.: 4.7 / d: 1.995 / Set At: 6377	Perforations: From To			Unit: M / Sec.: 14 / Twp.: 28 / Rge.: 05
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Single	Packer Set At: None			County: Rio Arriba
Producing Thru: Tbg.	Reservoir Temp. °F: a	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:	

FLOW DATA / TUBING DATA / CASING DATA

NO.	Prover Line Size X Orifice Size	Press. p.s.i.g.	Diff. h_w	Temp. °F	Tubing Press. p.s.i.g.	Tubing Temp. °F	Casing Press. p.s.i.g.	Casing Temp. °F	Duration of Flow
SI					780		780		7 Days
1.									
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							
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 _____ P_c^2 _____

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

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

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

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OIL CON. DIV.
DIST. 3

Absolute Open Flow _____ Mcfd @ 15.025 Angle of Slope ↔ _____ Slope, n _____

Remarks: _____

Approved by Commission:	Conducted By:	Calculated By:	Checked By:
	John Easley	Ed Mabe	kld