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: 5-24-78	
Company: R & G Drilling Co.		Connection: waiting on pipeline			
Pool: Kutz Fruitland		Formation: Fruitland			Unit
Completion Date: 3-20-78	Total Depth: 1725		Plug Back TD: 1652	Elevation: 5791 'KB	Farm or Lease Name: Schlosser
Csg. Size: 4.500 / Wt.: 10.50 / d: 4.052 / Set At: 1686			Perforations: From 1478 To 1492		Well No.: 63
Tbg. Size: 1.250 / Wt.: 2.40 / d: 1.660 / Set At: 1481			Perforations: From Open To Ended		Unit: M / Sec.: 27 / Twp.: 28N / Rge.: 11W
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Single			Packer Set At: None		County: San Juan
Producing Thru: Tubing	Reservoir Temp. °F: 90 @ 1725	Mean Annual Temp. °F: —	Baro. Press. – P_a: 12.0		State: New Mexico
L: 1492 / H: 1492 / Gg: 0.60	% 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						300		300		8 days
1.						49		180		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	12.3656		61	1.0000	1.0000	1.0000	754
2.							
3.							
4.							
5.							

NO.	P_t	Temp. °R	T_f	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 312 P_c^2 97,344

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		192	36,864	60,480
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.6095$

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.4986$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1,130$

RECEIVED
JUN 5 1978
OIL CON. COM.
DIST. 3

Absolute Open Flow 1,130 Mcfd @ 15.025 | Angle of Slope θ _____ | Slope, n 0.85

Remarks: _____

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
	Ewell N. Walsh	Ewell N. Walsh	