STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-122
Revised 10-1-78

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test: ☒ Initial ☐ Annual ☐ Special			Test Date: 6/7/85	
Company: Joel B. Burr, Jr.	Connection:			
Pool: WC	Formation: Fruitland			Unit: A
Completion Date: 6/7/85	Total Depth: 1945'	Plug Back TD: 1849'	Elevation: 5741 GL	Farm or Lease Name: Foothills
Csg. Size: 2 7/8 / Wt.: 6.5 lb/ft / d: / Set At: 1880'		Perforations: From 1740' To 1750'		Well No.: C #1
Tbg. Size: N/A / Wt.: / d: / Set At:		Perforations: From To		Unit: A / Sec.: 14 / Twp.: 30N / Rge.: ~~14W~~ 13W
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Single		Packer Set At: N/A		County: San Juan
Producing Thru:	Reservoir Temp. °F: @ 118°	Mean Annual Temp. °F:	Baro. Press. – P_a:	State: New Mexico

L	H	Gg	% CO_2	% N_2	% H_2S	Prover	Meter Run	Taps
		.680						

FLOW DATA

NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h_w	Temp. °F	TUBING DATA Press. p.s.i.g.	TUBING DATA Temp. °F	CASING DATA Press. p.s.i.g.	CASING DATA Temp. °F	Duration of Flow
SI	7 days								530		
1.	2 1/2		0.5						22	70°	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	11		34	.9905	1.213	1.0030	451
2.							
3.							
4.							
5.							

NO.	P_t	Temp. °R	T_r	Z
1.	.05	530	1.38	.994
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 542 P_c^2 293764

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		34	1156	292608
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0039$

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.0033$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 453$

RECEIVED
JUN 17 1985
OIL CON. DIV.
DIST. 3

Absolute Open Flow 453 Mcfd @ 15.025
Angle of Slope θ .85 Slope, n

Remarks:

Approved By Division	Conducted By:	Calculated By:	Checked By:
	Roy Pritchard	K. Jenkins	