NEW MEXICO OIL CONSERVATION COMMSSION

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

RECEIVED
July 7 1971
OIL CON. COM.
DIST. 3

Type Test ☒ Initial ☐ Annual ☐ Special			Test Date 7-3-71		
Company [illegible]		Connection			
Pool [illegible]		Formation [illegible]			Unit
Completion Date	Total Depth [illegible]	Plug Back TD [illegible]	Elevation [illegible]	Farm or Lease Name [illegible]	
Csg. Size [illegible]	Wt.	d	Set At [illegible]	Perforations: From To	Well No. 1
Tbg. Size [illegible]	Wt.	d	Set At	Perforations: From To	Unit Sec. Twp. Rge. [illegible]
Type Well – Single – Bradenhead – G.G. or G.O. Multiple [illegible]			Packer Set At		County San Juan
Producing Thru	Reservoir Temp. °F @	Mean Annual Temp. °F	Baro. Press. – P_a		State New Mexico

L	H	Gg	% CO_2	% N_2	% H_2S	Prover	Meter Run	Taps
		.67						

	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						443		442		
1.										
2.	5/2 [illegible]			98				235		3 Hrs
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.	8.5417		110	.9924	.9463	1.012	893
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 455 P_c^2 207,025

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1				
2		247	61,009	146,016
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2}$ = 1.4178

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n$ = 1.3454 (n = .85)

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n$ = 1201

Absolute Open Flow 1201 Mcfd @ 15.025 | Angle of Slope Θ ________ | Slope, n .85

Remarks: Very Dry [illegible]

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
	LJ	JLJ	