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: 11-28-72	
Company: Keesee & Thomas		Connection: Waiting on Pipeline			Unit
Pool: Ballard P. C.		Formation: Pictured Cliffs			
Completion Date: 10-23-72	Total Depth: 3285	Plug Back TD: 3240	Elevation: 7382 K.B.	Farm or Lease Name: Chacon Jicarilla	
Csg. Size: 4.500 / Wt.: 9.50 / d: 4.090 / Set At:		Perforations: From 3173 To 3198		Well No.: 3	
Tbg. Size: 1.900 / Wt.: 2.90 / d: 1.610 / Set At: 3190		Perforations: From 3187 To 3190		Unit: — Sec.: 16 Twp.: 23N Rge.: 3W	
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Single		Packer Set At: None		County: Rio Arriba	
Producing Thru: Tubing	Reservoir Temp. °F:	Mean Annual Temp. °F:	Baro. Press. – P_a: 12.0	State: New Mexico	
L: 3190 / H: 3190 / Gg: 0.65	% CO_2: --	% N_2: --	% H_2S: --	Prover: --	Meter Run: -- / Taps: --

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							790		790		36 da.
1.	0.750 T.G.						76	60	320	--	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	12.3650		88	1.0000	0.9608	1.0000	1,045
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 _____ XXXXXXXXX
Specific Gravity Flowing Fluid XXXXX _____
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
Critical Temperature _____ R _____ R

P_c 802 P_c^2 643,204

NO	P_t^2	P_w	R_w^2	$P_c^2 - P_w^2$
1		342	116,964	526,240
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.2222$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.1859$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1,239$

Absolute Open Flow 1,239 Mcfd @ 15.025 Angle of Slope θ _____ Slope, n 0.85

Remarks: _____

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