NEW MEXICO OIL CONSERVATION COMMSSION

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

Type Test: ☒ Initial ☐ Annual ☐ Special			Test Date: 8-6-73	
Company: Lynco Oil Corporation		Connection:		
Pool: Aztec Pictured Cliff		Formation: Pictured Cliffs		Unit:
Completion Date	Total Depth: 2825	Plug Back TD	Elevation: 6149 GL	Farm or Lease Name: Schumacher
Csg. Size: 2 7/8 / Wt. / d / Set At: 2824		Perforations: From 2675 To 2720		Well No.: 2
Tbg. Size: Tubingless / Wt. / d / Set At		Perforations: From To		Unit: / Sec.: 18 / Twp.: 30 / Rge.: 10
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Single		Packer Set At		County: San Juan
Producing Thru: Csg.	Reservoir Temp. °F @	Mean Annual Temp. °F	Baro. Press. – P_a: 12.0	State: New Mexico
L / H / Gg / % CO_2 / % N_2 / % H_2S / Prover: X / 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							Tubingless		504		7d
1.	2	x	3/4				"		91	60	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	12.365		103	1.000	.9608	1.010	1237
2.							
3.							
4.							
5.							

NO.	P_t	Temp. °R	T_r	Z
1.				
2.				
3.				
4.				
5.				

RECEIVED SEP 26 1973 OIL CON. COM. DIST. 3

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 516 P_c^2 266256

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1	10609		11170	255086
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0438$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.0371$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1283$

Absolute Open Flow 1283 Mcfd @ 15.025 Angle of Slope θ _____ Slope, n .85

Remarks: _____

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
	Tefteller, Inc.	N. Tefteller	