NEW MEXICO OIL CONSERVATION COMMISSION

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: 11/10/74	
Company: Lynco Oil Corporation	Connection:			Unit:
Pool: AZTEC FRUITLAND	Formation: FRUITLAND			
Completion Date: 11-5-74	Total Depth: 1770	Plug Back TD: 1715	Elevation: 5675 GR	Farm or Lease Name: State New Mex. Comm A
Csg. Size: 2 7/8 / Wt.: 6.40 / d: / Set At: 1762	Perforations: From 1670 To 1677			Well No.: 2
Tbg. Size: Tubingless / Wt.: / d: / Set At:	Perforations: From To			Unit: 0 / Sec.: 32 / Twp.: 29N / Rge.: 10W
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Single	Packer Set At: NONE			County: San Juan
Producing Thru: Csg.	Reservoir Temp. °F: 100 @ 1760	Mean Annual Temp. °F: 60	Baro. Press. – P_a: 12.0	State: New Mexico
L:	H:	Gg:	% CO_2:	% N_2: / % H_2S: / Prover: X / Meter Run: / Taps:

NO.	FLOW DATA: Prover Line Size	X Orifice Size	Press. p.s.i.g.	Diff. h_w	Temp. °F	TUBING DATA: Press. p.s.i.g.	Temp. °F	CASING DATA: Press. p.s.i.g.	Temp. °F	Duration of Flow
SI						Tubingless		552		3 days
1.	2	X 3/4				"		146	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		158	1.000	.9608	1.013	1901
2.							
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 _____ XXXXXXXXXX
Specific Gravity Flowing Fluid XXXXX _____
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
Critical Temperature _____ R _____ R

P_c _____ P_c^2 _____

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

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

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

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

Remarks: _____

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
	James Ray	F. J. Fundingsland, Jr	F. J. Ray