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: 5-9-75	
Company: Lynco Oil Corporation		Connection			
Pool: South Blanco, PC		Formation: Pictured Cliffs			Unit
Completion Date: 5-1-75	Total Depth: 3481	Plug Back TD: 3480		Elevation: 7629 GR	Farm or Lease Name: Regina
Csg. Size: 2 7/8 / Wt.: 6.4 / d / Set At: 3480		Perforations: From 3392 To 3402			Well No.: 3
Tbg. Size: Tubingless / Wt. / d / Set At		Perforations: From To			Unit: N / Sec.: 6 / Twp.: 23N / Rge.: 1W
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Single		Packer Set At			County: Rio Arriba
Producing Thru: Csg.	Reservoir Temp. °F: 84° @ 3481	Mean Annual Temp. °F: 60°	Baro. Press. – P_a: 12.0		State: New Mexico
L	H	Gg: 0.6000	% CO_2	% N_2	% H_2S / Prover: X / Meter Run / Taps

RECEIVED MAY 13 1975 OIL CON. COM. DIST. 3

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		705		SI 7 days
1.	2	X 3/4				"		105	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		117	1.000	.9608	1.010	1404
2.							
3.							
4.							
5.							

NO.	P_t	Temp. °R	T_t	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 _____ 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	E. L. Fundingsland, Jr	