

NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

Type Test ☐ Initial ☐ Annual ☐ Special					Test Date 8/5/75			
Company LYNCO OIL CORPORATION				Connection El Paso Natural Gas Co.				
Pool South Blanco PC				Formation Pictured Cliffs				Unit
Completion Date 7/29/75		Total Depth 3380		Plug Back TD		Elevation		Farm or Lease Name Hanson
Csg. Size *	Wt.	d	Set At	Perforations: From 3331 To 3380			Well No. 2	
Tbg. Size 1"	Wt.	d	Set At 3310	Perforations: From To			Unit Sec. Twp. Rye. H 6 23N 1W	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single					Packer Set At		County Rio Arriba	
Producing Thru Tubing		Reservoir Temp. °F 78 ⁰ @ 3380		Mean Annual Temp. °F 60		Baro. Press. - P _a 12.0		State New Mexico
L	H	Gg 0.600	% CO ₂	% N ₂	% H ₂ S	Prover X	Meter Run	Taps

FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow	
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
SI							412		432		SI 7 days
1.	2 x 3/4"						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		72	.9831	1.000	.995	878
2.							
3.							
4.							
5.							

NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio	Mcf/bbl.
1.					A.P.I. Gravity of Liquid Hydrocarbons	Deq.
2.					Specific Gravity Separator Gas	XXXXXXX
3.					Specific Gravity Fluid	XXXXX
4.					Critical Pressure	P.S.I.A. P.S.I.A.
5.					Critical Temperature	R R

NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$
1						
2						
3						
4						
5						

Absolute Open Flow _____ Mcfd @ 15.025				Angle of Slope Θ _____		Slope, n _____	
Remarks: * 4 1/2" .0 to 3331							
2 1/2" Liner 3290-3380							

Approved By Commission:	Conducted By: James Ray	Calculated By: E. L. Fundingsland/jr	Checked By:
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