

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

Form C-122
Revised 9-1-65

☒ Initial ☐ Annual ☐ Special		Test Date 5-27-74	
Company Lone Star Industries, Inc.		Connection None	
Well Undesignated		Formation Picture Cliffs	
Completion Date 1-21-74		Total Depth 4200	Plug Back TD 4200
		Elevation 7123 KB	Form or Lease Name Schalk
Casing 2 7/8 24#		Set At 180 KB	Perforations From To
Casing 2 7/8 6.4#		Set At 4200 KB	Perforations From 3873 To 4136
Type of Completion Single		Packer Set At	Country Rio Arriba
Pressure Trans. Therless Csg.		Reservoir Temp. °F 127°	Mean Annual Temp. °F 60
		Baro. Press. - P _c 12.0	State New Mexico
Casing 4005 4005		% CO ₂ .610	% N ₂
		% H ₂ S	Prover 2"
FLOW DATA		TUBING DATA	CASING DATA
NO.	Press. p.s.i.g.	X	Orifice Size
1	2.0	1/2	1070
2	2.0	3/16	886
3	2.0	7/32	687
4	2.0	1/4	480
RATE OF FLOW CALCULATIONS			
NO.	Coefficient (N ₁ - N ₂)	Pressure P _m	Flow Temp. Factor F _t
1	.2548	1032.0	1.000
2	.6062	898	1.000
3	.6062	692	1.000
4	1.167	492	1.000
Gravity Factor F _g		Super Compress. Factor, F _{sc}	Rate of Flow Q, Mscf/D
1.2804		1.102	404
1.2804		1.098	753
1.2804		1.098	802
1.2804		1.046	712
Gas Liquid Hydrocarbon Ratio		None Produced	
A.P.M. Gravity of Liquid Hydrocarbons		Sep.	
Specific Gravity Separator Gas		.61	
Specific Gravity Flowing Fluid		XXXXXX	
Critical Pressure		671	
Critical Temperature		362	
1177		1373	
1126.9		1270	
827.7		513	
781.3		302	
551.2		1089	
ACF = Q		1358	
1358		43°	
Weld @ 15,025		1.00	
Represent completion w/2 7/8" EUE Casing			
J. F. Robinson			
H. L. Hadler			