

COMPANY Southland Oil Co. LEASE 44-32 Conn WELL NO. 1 DATE 12/3/79

LOCATION: Unit B Section 32 Township 19 Range 28

10116 H 10116 LN 1.000 G .601 %CO₂ 1.28 %N₂ 1.67 %H₂S

d 1.225 F_r .01823 Q_m 1.215 M₂cf/d (L/H) (F_rQ_m)² 1.000015 P_c 671 T_c 358

TABLE 1A & X TABLE 1A & X

ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1 H		0	5058		10116						
2 GH		0	3032.9		6079.7						
3 37.5GH		0	1139.5		2279.89						
4 P _c or P _n		2750.8	3497.2	3124.2	3497.9	3479.7					
5 P _r		4.10	4.66	4.66	5.21	5.19					
6 T		53.4	584.5	584.5	635	635					
7 T _r		1.49	1.63	1.63	1.77	1.77					
8 Z		.779	.822	.822	.919	.919					
9 P/Z P/Z		3530.4	3804.3	3800.7	3806.2	2786.4					
10 P/TZ		9.6	6.5087	6.5026	5.9940	5.9629					
11 (P/TZ) ² /1000		(1072/1000)	.043363	.042283	.035928	.035556					
12 L/H(F _r Q _m) ²		.00015	.00015	.00015	.00015	.00015					
13		I ₁ + I ₂	.042378	.042391	.035943	.035571					
14 I _n		I ₀ + I ₃	153.585	153.730	166.763	167.632					
15 M = P _n · P _n ⁻¹			377	374	374	356					
16 N = I _n + I _n -1			304.788	304.733	320.493	321.362					
17 M × N		15 × I ₆		114049		114249					
18 Σ (M × N)		Σ I ₇		113940							

P_s = 3482.7