

WORK SHEET FOR STEPWISE CALCULATION (SURFACE) PRESSURE (P_f & P_s) (ATTEMPT) (ATTEMPT)

Form C-122-B
Adopted 9-1-65

Standard Oil Company

COMPANY of Texas LEASE Bogie Flats Unit Gas Com. well NO.

DATE 6-14-66

LOCATION: Unit G Section 8 Township 22S Range 23E

L. 7037 H 7037 L/H 1,000 G .657 %O₂ .55 %N₂ .55 %H₂S .37

d 1.995 F_r .918231 Q_m 4.568 M²cd (L/H) (P_fQ_m)² .006935 P_{CT} 6/3 T_{CT} 371

TABLE 3 x TABLE 3 x

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		0	3518.5		7037						
2	GH		0	2311.66		4623.31						
3	37.5GH		0	86,687		143,374						
4	P _c or P _n											
5	P _r											
6	F											
7	F _r											
8	Z											
9	P/2 P/Z											
10	P/FZ											
11	(P ² /T ²) ² /1000 (P ² /T ²) ²											
12	1/(1+(F ² Q _m) ²)											
13												
14	I _n											
15	M ² P _n P _n ⁻¹											
16	M ² I _n +I _n ⁻¹											
17	M ² xN											
18	> (C1x10)											