

WORK SHEET FOR STEPWISE CALCULATION

(SUBSURFACE) PRESSURE (P_f & P_s)
(SURFACE) PRESSURE (P_f & P_s)

Form C-122E
Adopted 9-1-65

COMPANY Summit Dr Oil Co LEASE State Land '16' WELL NO. 1 DATE 1-16-67

LOCATION: Unit J Section 2 Township 16 S Range 32 E

L 11.718 H 11.718 L/H 1.000 G 1.144 % CO₂ - % N₂ - % H₂S -

d 1.713 F_r .018231 Q_m .423 M₂ cfd (L/H) (F_r Q_m)² .00005947 P_{cr} 650 T_{cr} 537
TABLE IX & X TABLE IX & X

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H			5389			11,978					
2	GH			6851.416			12,702.8					
3	37.5GH			256,928			513,855					
4	P _c or P _n											
5	P _r		3418.2	4632.8	4637.8	4637.3	5796.3	5737.3	5735.5			
6	T		5,351	7,204	7.135	1,134	8,917	8,827	5,524			
7	T _r		5.22	586	586	586	640	640	640			
8	Z		9907	1,091	1,091	1,091	1,192	1,192	1,192			
9	P/Z		.107	.919	.911	.911	1,014	1,067	1,066			
10	P/TZ		4719.7	5095.5	5090.9	5090.3	5396.7	5377.0	5350.4			
11	(P/TZ) ² /1000		9.371	8.645	8.687	8.686	8.432	8.402	8.407			
12	L/(H(F _r Q _m) ²)		.0815156	.0756030	.07546397	.075446566	.07109862	.070593604	.070617648			
13			.00005747	.00005947	.00005947	.00005947	.00005947	.00005947	.00005947			
14	I _n		.08781507	.07566249	.07552344	.07550606	.07115809	.07065307	.07073672			
15	M=P _n -P _{n-1}		106.64	114.918	115.024	115.037	118.497	118.919	118.849			
16	N=I _n +I _{n-1}		1207.6	1159.6	1159.6	1159.1	1100	1098.2				
17	M x N		321.538	221.664	221.677	233.534	233.956	233.886				
18	Σ (M x N)		Σ I ₇			256,924			513,801			