

WORK SHEET FOR STEPWISE CALCULATION

(SUBSURFACE) PRESSURE (P₁ & P₂)
(SURFACE) OFFICE O.C. (P_c & P_w)
HOBBS

Form C-122E
Adopted 9-1-65

COMPANY Summit Drilling Co. LEASE STATELAND "16" WELL NO. JAN 19 11 44 AM '67

DATE 1-16-67

LOCATION: Unit J Section 2 Township 16 S Range 30 E

L 11,978 H 11,978 L/H 1.000 G 1.144 %CO₂ - %N₂ - %H₂S -

d 1.975 F_r 0.082310 m 0 M² cfd (L/H) (F_rQ_m)² 0 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		11,178	5737				0				
2	GH		13,102.8	6511.4				0				
3	37.5GH		513,855	256,728				0				
4	P _c or P _n		5138.5	4604.7	4637.5	4631.9	4633.7	3531.7	2477.4	3478.2	3478.1	
5	P _r		8,224	7,161	7,134	7,126	7,129	5,433	5,350	5,351	5,351	
6	T		640	586	586	586	586	532	532	532	532	
7	T _r		1,192	1,091	1,071	1,071	1,091	9907	9907	9907	9907	
8	Z		1,066	914	903	903	903	717	707	707	707	
9	P/Z	4/8	5380.4	5093.6	5146.7	5129.4	5131.4	4925.7	4918.5	4919.6	4919.5	
10	P/TZ	9/6	8,401	8,692	8,783	8,753	8,751	9,259	9,245	9,247	9,247	
11	(P/TZ) ² /1000	(10) ² /1000										
12	L/H(F _r Q _m) ²											
13		11 + 12										
14	I _n	10 ÷ 13	118,844	115,048	113,856	114,246	114,194	108,003	105,167	108,143	108,143	
15	M = P _n - P _{n-1}				1098	1103.6	1102	1102	1156.3	1155.5	1155.6	
16	N = I _n + I _{n-1}			233,897	232,804	233,194	233,142	222,197	222,361	222,337	222,337	
17	M x N	15 x 16					256,912					
18	Σ (M x N)	Σ 17	513,855	1080.8			256,933				256,933	