

WORK SHEET FOR STEPWISE CALCULATION (SURFACE) PRESSURE (Pc & Pw)

Form C-122E

Pt #2, Pg #2

Company Unocal Lease Red Hills Well no. 28-2 Date: 11/1/95

Location: Unit 0 Section: 28 Township: 25-S Range: 33-E

L : 13521 G : 0.76137 d : 2.323

H : 13521 %CO₂ : 0.2 Fr : 0.01194 (table XV)

L/H : 1.00 %N₂ : 1.9 Qm : 0

%H₂S : 0.0 (L/H)(FrQm)² : 0.00000

Pcr : 664

Tcr : 405

T @ 0' : 558 deg R

T @ mid point : 602 deg R

T @ H : 646 deg R

Line	Item	source	1	2	3	4	5	6	7
1	H		13521	6760.5			0		
2	GH		10294.5	5147.25			0		
3	37.5 GH		386,044	193,022			0		
4	Pc or Pn		8303.35	7349.8	7339.8	7340.1	6376.7	6356.2	6356.9
5	Pr		12.51	11.07	11.05	11.05	9.60	9.57	9.57
6	T		646	602	602	602	558	558	558
7	Tr		1.60	1.49	1.49	1.49	1.38	1.38	1.38
8	Z	Table 11	1.301	1.211	1.209	1.209	1.105	1.107	1.107
9	P/Z	4/8	6382.4	6074.2	6071.0	6071.2	5750.0	5741.9	5742.5
10	P/TZ	9/6	9.8798	10.0901	10.0847	10.0850	10.3046	10.2901	10.2912
11	(P/TZ) ² /1000	10 ² /1000							
12	L/H*FrQm ²								
13		11 + 12							
14	ln	1000/#10	101.22	99.11	99.16	99.16	97.04	97.18	97.17
15	M = Pn-P(n-1)			953.5	963.6	963.3	963.3	983.8	983.1
16	N = ln + l(n-1)			200.323	200.377	200.373	196.201	196.338	196.328
17	M x N	15*16				193,018			193,015
18	sum of (MxN)	sum of 17	386,044			193,025			

P _s =	8303.35
delta P =	1946.4
P _w = P _s - dP	P _w = 6357.0

