

WORK SHEET FOR STEPWISE CALCULATION

(SUBSURFACE) PRESSURE (P_c & P_w)

Form C-122E
Adopted 9-1-55

COMPANY EXXON USA LEASE N.M. DA SIATE WELL NO. #2 DATE 7-29-82

LOCATION: Unit _____ Section _____ Township _____ Range _____

L 12530 H 12530 L/H 1.000 G .612 % CO₂ .48 % N₂ .85 % H₂S NIL

d 2.441 F_r 0.10763 Q_m 0 M²cfd (L/H) (F_rQ_m)² 0 P_{cf} 671 T_{cf} 362

RATE: 2

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9
1	H		12530	62165							
2	GH		7668.36	3834.18		0					
3	37.5GH		287,563	143,781		0					
4	P _c or P _n		3501.5	3087.1	3071.7	2643.4	2620.7	2622.3			
5	P _r		5.22	4.60	4.58	3.94	3.90	3.90			
6	T		1661	597.5	597.5	534	534	534			
7	T _r		1.83	1.65	1.65	1.48	1.48	1.48			
8	Z		.919	.832	.831	.775	.774	.774			
9	P/Z	4=8	3810.1	3710.5	3696.4	3410.9	3385.9	3387.9			
10	P/TZ	9=6	57642	62099	61864	63874	63405	63445			
11	(P/TZ) ² /1000	(10) 2/1000									
12	L/H(F _r Q _m) ²										
13		11 + 12									
14	I _n	10 + 13	173.485	161.031	161.645	156.558	157.715	157.616			
15	M = P _n - P _{n-1}			414	429	428	451	449			
16	N = I _n + I _{n-1}			334.516	335.130	318.203	319.360	319.261			
17	M x N	15 x 16			144,045			143,474			
18	Σ(M x N)	Σ 17			143,518			144,089			