

WORK SHEET FOR STEPWISE CALCULATION  
 (SUBSURFACE) PRESSURE (P<sub>f</sub> & P<sub>s</sub>)  
 (SURFACE) (P<sub>c</sub> & P<sub>w</sub>)

1-3

Form C-122E  
 Adopted 5-1-55

COMPANY Supriya LEASE State WELL NO. 1 DATE 7-12-76

LOCATION: Unit L Section 34 Township 21S Range 26E

L 12999 H LH 1 G .602 % CO<sub>2</sub> 1.35 % N<sub>2</sub> .28 % H<sub>2</sub>S

D 2.44 F<sub>i</sub> .01076 Q<sub>m</sub> 1.174 M<sub>2</sub> 602 (L/H) (F<sub>i</sub> Q<sub>m</sub>)<sup>2</sup> .0001596 P<sub>cr</sub> 676 T<sub>cr</sub> 357

TABLE IX & X

E	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		0	5500		10999						
2	GH		0	3311		6621			AP = (248302)(3)			
3	37.5GH		0	124163		248302			4.25(248302)(4)(43783)1449.69			
4	P <sub>c</sub> or P <sub>n</sub>		1003.2	1148.95	1147.06	1290.67	1287.01					
5	P <sub>f</sub>		1.48	1.70	1.70	1.91	1.90		ΔP = 283.6			
6	T		520	584	584	648						
7	T <sub>f</sub>		1.46	1.64	1.64	1.82			P <sub>s</sub> = 1003.24	283.6 = 1286.8		
8	Z		.847	.888	.919	.924						
9	P/Z		4÷8									
9	P/Z		1184.42	1293.86	1291.73	1346.83	1392.87					
11	P/TZ	9÷6	2.277722	2.21552	2.2118736	2.155603	2.1494907					
11	(P/TZ) 2/1000	(10) 2/1000	.005188	.0049085	.0048923	.0046466	.0046203					
12	L/H(F <sub>i</sub> Q <sub>m</sub> ) <sup>2</sup>		.0001596	.0001596	.0001596	.0001596	.0001596					
13		I <sub>1</sub> + I <sub>2</sub>	.0053176	.0050657	.0050519	.0048262	.0047799					
14	I <sub>n</sub>	I <sub>0</sub> ÷ I <sub>3</sub>	425.934	437.15	437.83	448.50	449.69					
15	M = P <sub>n</sub> - P <sub>n-1</sub>		145.75	143.86	143.61	139.95						
16	N = I <sub>n</sub> + I <sub>n-1</sub>		863.08	863.76	886.33	887.52						
17	M x N	15 x 16										
18	Σ (M x N)	Σ I <sub>7</sub>										

RECEIVED

JUL 15 1976

O.C.C. ARTERIA, OFFICE