

WORK SHEET FOR STEPWISE CALCULATION
(SUBSURFACE) PRESSURE (P_f & P_s)
(SURFACE) (P_c & P_w)

Form C-122-E
Adopted 9-1-65

COMPANY Balco Petr. Corp. LEASE Cassidy Con WELL NO. 1 DATE 1-9-81

LOCATION: Unit E Section 29 Township 23 S Range 30 E

L 12, 273 H Sams L/H 1 G .5736 % CO₂ 0 % N₂ 0 % H₂S 0

d 2.815 F_r .0183/q_m 1.0907 M₂ cfd (L/H) (F_r q_m)² .00040 P_{cr} 677 T_{cr} 344

DATE 1

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		12,273	6136.5		0						
2	GH		7040	3520		0						
3	37.5GH		263,992	132,000		0						
4	P _c or P _n		2488	1952.36	1963.47	1438.74	1467.52					
5	P _r		2,68	2.88	2.90	2.13	2.17					
6	T		662	585	585	507	507					
7	T _r		1.92	1.70	1.70	1.47	1.47					
8	Z		.919	.867	.867	.794	.791					
9	P/Z P/Z		2707.3	2251.86	2264.67	1812.27	1855.27					
10	P/TZ		4.0395	3.84932	3.87123	3.57449	3.65931					
11	(P/TZ) ² /1000		(10) ² /1000	-	-	-	-					
12	L/H(F _r q _m) ²		-	-	-	-	-					
13			I ₁ + I ₂	-	-	-	-					
14	I _n I _s		2.44.53	259.79	258.32	279.76	273.28					
15	M=P _n -P _{n-1}			524.53		524.53	496.16					
16	N=I _n +I _{n-1}			504.32	502.85	538.08	531.60					
17	M x N		I ₅ x I ₆				263,762					
18	Σ (M x N)		Σ I ₇	263,992		263,760						