

OKLAHOMA CORPORATION COMMISSION-OIL & GAS CONSERVATION DIVISION
 WORK SHEET FOR CALCULATION OF STATIC COLUMN WELLHEAD PRESSURE (Pc or Pw)
 FORM 1016C (1969)

Company: REED & STEVENS

LEASE: CARRASCO NO. 1

Well No.: 1

Date: 4-1-82

L: 1212/ H: 12127 L/H: 1.0000 G: .608 %CO2: 1.15 %N2: .25 %H2S: .00
 Pcr: 678 Tcr: 344

FLOW RATE NO. 2

DOWN HOLE CALCULATION

INTERVAL NO. 1 ID: 1.995 Fr: .0177767 Qm: .739 MMCFPD
 OD: .000 (L/H) (FrQm)2: .0001727

H	GH	37.5GH	P(n)	P(r)	T	T(r)	Z	P/Z
P/TZ	(P/TZ)2	L/H(FrQm)2	11+12	I(n)	M	N	M*N	SUM(M*N)
0	.00	0	1690.20	2.50	532	1.49	.79300	2131
4.006	.01605	.00017	.016224	246.944	0	.000	0	0
6030	3665.22	137445	1960.12	2.90	603	1.69	.86300	2271
3.766	.01418	.00017	.014355	262.340	269	509.283	137464	137464
12060	7330.43	2/4891	2217.09	3.28	674	1.89	.91300	2428
3.602	.01297	.00017	.013146	2/3.992	256	536.332	137022	275286

DELTA P = 525.2 Psi P(N) = 2215.4 Psia AT 12060 Ft

INTERVAL NO. 2 ID: 4.154 Fr: .0026174 Qm: .739 MMCFPD
 OD: .000 (L/H) (FrQm)2: .0000037

H	GH	37.5GH	P(n)	P(r)	T	T(r)	Z	P/Z
P/TZ	(P/TZ)2	L/H(FrQm)2	11+12	I(n)	M	N	M*N	SUM(M*N)
12060	7330.43	2/4891	2215.37	3.28	674	1.89	.91300	2426
3.599	.01295	.00000	.012956	2/7.775	256	.000	0	275286
12093	7350.79	2/5654	2216.75	3.28	674	1.90	.91600	2420
3.587	.01287	.00000	.012873	278.678	1	556.453	764	275655
12127	7371.16	2/6418	2218.12	3.28	675	1.90	.91600	2421
3.587	.01287	.00000	.012873	278.669	1	557.347	763	276419

DELTA P = 2.7 Psi P(N) = 2218.1 Psia AT 12127 Ft

UPHOLE CALCULATION

H	GH	37.5GH	P(n)	P(r)	T	T(r)	Z	P/Z
P/TZ	(P/TZ)2	L/H(FrQm)2	11+12	I(n)	M	N	M*N	SUM(M*N)
12127	7371.16	2/6418	2218.11	3.28	675	1.90	.91600	2421
3.587	.01287	.00000	.012870	2/8.750	0	.000	0	276419
6063	3685.58	138209	1964.41	2.90	604	1.70	.86700	2265
3.748	.01405	.00000	.014049	266.799	253	545.549	138408	138010
0	.00	0	1697.41	2.51	534	1.50	.79500	2135
3.998	.01599	.00000	.015987	250.104	266	516.903	138009	0

DELTA P = 519.6 Psi P(N) = 1698.5 Psia AT 0 Ft