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
Well No.: 1
L: 12127 H: 12127 L/H: 1.0000 G: .608 %CO2: 1.15 %N2: .25 %H2S: .00
Pcr: 678 Tcr: 344

LEASE: CARRASCO NO. 1
Date: 4-1-82

FLOW RATE NO. 3

DOWN HOLE CALCULATION

INTERVAL NO. 1 ID: 1.995 Fr: .0149173 Qm: 1.042 MMCFPD
OD: .000 (L/H)(FrQm)2: .0002414

H / P/TZ	GH / (P/TZ)2	37.5GH / L/H(FrQm)2	P(n) / 11+12	P(r) / I(n)	T / M	T(r) / N	Z / M*N	P/Z / SUM(M*N)
0	.00	0	1675.20	2.48	528	1.48	.78700	2128
4.031	.01625	.00024	.016494	244.421	0	.000	0	0
6030	3665.22	137445	1946.66	2.88	601	1.69	.86300	2255
3.753	.01408	.00024	.014324	261.988	271	506.409	137467	137467
12060	7330.43	274891	2202.84	3.26	674	1.89	.91400	2410
3.575	.01278	.00024	.013021	274.547	256	536.535	137452	274920

DELTA P = 526.3 Psi P(N) = 2201.5 Psia AT 12060 Ft

INTERVAL NO. 2 ID: 4.154 Fr: .0022380 Qm: 1.042 MMCFPD
OD: .000 (L/H)(FrQm)2: .0000054

H / P/TZ	GH / (P/TZ)2	37.5GH / L/H(FrQm)2	P(n) / 11+12	P(r) / I(n)	T / M	T(r) / N	Z / M*N	P/Z / SUM(M*N)
12060	7330.43	274891	2201.50	3.26	674	1.89	.91400	2408
3.573	.01276	.00001	.012769	279.784	256	.000	0	274920
12093	7350.79	275654	2202.87	3.26	674	1.90	.91600	2404
3.565	.01271	.00001	.012714	280.391	1	560.175	764	275655
12127	7371.16	276418	2204.23	3.26	675	1.90	.91600	2406
3.565	.01271	.00001	.012715	280.386	1	560.777	763	276419

DELTA P = 2.7 Psi P(N) = 2204.2 Psia AT 12127 Ft

UPHOLE CALCULATION

H / P/TZ	GH / (P/TZ)2	37.5GH / L/H(FrQm)2	P(n) / 11+12	P(r) / I(n)	T / M	T(r) / N	Z / M*N	P/Z / SUM(M*N)
12127	7371.16	276418	2204.23	3.26	675	1.90	.91600	2406
3.565	.01271	.00000	.012709	280.507	0	.000	0	276419
6063	3685.58	138209	1952.47	2.89	604	1.70	.86700	2251
3.725	.01388	.00000	.013878	268.430	251	548.936	138196	138221
0	.00	0	1687.77	2.50	534	1.50	.80100	2107
3.946	.01557	.00000	.015570	253.431	264	521.861	138137	83

DELTA P = 515.8 Psi P(N) = 1688.4 Psia AT 0 Ft