

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: 12127 H: 12127 L/H: 1.0000 G: .608 %CO2: 1.15 %N2: .25 %H2S: .00

Pcr: 678

Tcr: 344

FLOW RATE NO. 3

DOWN HOLE CALCULATION

INTERVAL NO. 1 ID: 1.995 Fr: .0177767 Qm: 1.042 MMCFPD
 OD: .000 (L/H) (FrQm) 2: .0003428

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	1675.20	2.48	528	1.48	.78700	2128
4.031	.01625	.00034	.016595	242.927	0	.000	0	0
6030	3665.22	137445	1948.59	2.88	601	1.69	.86300	2251
3.756	.01411	.00034	.014453	259.900	273	502.827	137466	137466
12060	7330.43	214891	2207.04	3.26	674	1.89	.91400	2414
3.582	.01283	.00034	.013171	211.934	258	531.834	137452	274919

DELTA P = 530.5 Psi P(N) = 2205.7 Psia AT 12060 Ft

INTERVAL NO. 2 ID: 4.154 Fr: .0026174 Qm: 1.042 MMCFPD
 OD: .000 (L/H) (FrQm) 2: .0000074

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	214891	2205.72	3.26	674	1.89	.91400	2413
3.580	.01281	.00001	.012820	279.206	258	.000	0	214919
12093	7350.79	215654	2207.09	3.26	674	1.90	.91600	2409
3.512	.01216	.00001	.012765	279.811	1	559.017	764	275655
12121	7371.16	216418	2208.45	3.27	675	1.90	.91600	2410
3.512	.01216	.00001	.012765	219.807	1	559.618	763	276419

DELTA P = 2.7 Psi P(N) = 2200.5 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	216418	2208.45	3.27	675	1.90	.91600	2410
3.512	.01276	.00000	.012758	279.970	0	.000	0	276419
6063	3685.58	138209	1955.85	2.89	604	1.70	.86700	2255
3.732	.01393	.00000	.013926	267.966	252	547.936	138408	138010
0	.00	0	1691.08	2.50	534	1.50	.80100	2111
3.954	.01563	.00000	.015631	252.935	264	520.901	137119	90

DELTA P = 516.7 Psi P(N) = 1691.7 Psia AT 0 Ft