

ILLEGIBLE

WORK SHEET FOR CALCULATION OF WELLHEAD PRESSURE (Pc ~~or~~ ~~Pf~~)
FROM KNOWN BOTTOM HOLE PRESSURE (Pf ~~or~~ ~~Pc~~)

FORM C-122F

COMPANY Phillips Pet. Co. LEASE : Bilbry 34WELL NO. : Fed. Com 1 DATE 4/3/92
UNIT SECTION : 34 TWSHP : RANGE :
L 14350 H : 14350 L/H : 1 G/GMIX : 0.5920
COR : 0.92 N2 : 0.18 H2S :
GH : 8495.2 PCR : 672 TCR : 354

LINE		1	2	3	4	5	6	7	8
1	TW(W.H. R)	534	534	534	534	534	534	534	534
2	Ts(B.H. R)	677.5	677.5	677.5	677.5	677.5	677.5	677.5	677.5
3	T=(Tw+Ts/2)	605.8	605.8	605.8	605.8	605.8	605.8	605.8	605.8
4	Z (EST.)	1.087	0.967	ERR	ERR	ERR	ERR	ERR	ERR
5	TZ	638	586	ERR	ERR	ERR	ERR	ERR	ERR
6	GH/TZ	12.904	14.501	ERR	ERR	ERR	ERR	ERR	ERR
7	eS(TABLE XIV)	1.522	1.723	ERR	ERR	ERR	ERR	ERR	ERR
8	Pf or Ps	5601.2	5601.2	0	0	0	0	0	0
9	Pf2 or Ps2	31373.4	31373.4	0.0	0.0	0.0	0.0	0.0	0.0
10	Pc2=Pf/eS or Pw2=Ps2/eS	19338.2	18213.6	ERR	ERR	ERR	ERR	ERR	ERR
11	Pc or Pw	4398	4268	ERR	ERR	ERR	ERR	ERR	ERR
12	P=(Pw+Ps/2) or (Pc+Pf/2)	4999	4904	ERR	ERR	ERR	ERR	ERR	ERR
13	Pn=(P/Pcn)	7.44	7.34	ERR	ERR	ERR	ERR	ERR	ERR
14	Tn=(T/Tcn)	1.71	1.71	1.71	1.71	1.71	1.71	1.71	1.71
15	Z (TABLE XI)	0.967	0.967	ERR	ERR	ERR	ERR	ERR	ERR

Pc X 1 : 4267.7 PW 2 : ERR PW 3 : ERR PW 4 : ERR

ILLEGIBLE

WORK SHEET FOR CALCULATION OF WELLHEAD PRESSURE (Pw or Pw)
FROM KNOWN BOTTOM HOLE PRESSURE (Pb or Ps)

FORM C-122F

COMPANY Phillips Pet. Co. LEASE : Bilbry 34WELL NO. : Fed. Com 1 DATE 4/3/92
UNIT SECTION : 34 TOWNSHIP : RANGE :
L 14350 H : 14350 L/H : 1 S/GMIX : 0.5920
CO2 : 0.92 M2 : 0.18 H2S :
GH : 8495.2 PCR : 672 TCR : 354

LINE		1	2	3	4	5	6	7	8
1	TW(W.H. R)	534	534	534	534	534	534	534	534
2	Ts(B.H. R)	677.5	677.5	677.5	677.5	677.5	677.5	677.5	677.5
3	T=(Tw+Ts/2)	605.8	605.8	605.8	605.8	605.8	605.8	605.8	605.8
4	Z (EST.)	1.017	0.912	0.920	0.889	0.882	0.862	0.856	0.847
5	TZ	515	552	557	535	535	522	518	513
6	GH/TZ	13.794	15.379	15.246	15.764	15.893	16.270	16.390	16.552
7	aS(TABLE XIV)	1.577	1.730	1.771	1.807	1.815	1.841	1.849	1.860
8	Pf or Ps	4720.2	4720.2	4310.2	4310.2	3656.2	3656.2	2993.2	2993.2
9	Pf2 or Ps2	22280.3	22280.3	18577.8	18577.8	13367.8	13367.8	8959.2	8959.2
10	Pc2=Pf/aS or Pw2=Ps2/aS	13282.0	12515.7	10488.5	10278.7	7366.0	7262.5	4845.6	4816.2
11	Pc or Pw	3644	3538	3239	3206	2714	2695	2201	2195
12	P=(Pw+Ps/2) or (Pc+Pf/2)	4182	4129	3774	3758	3185	3176	2597	2584
13	P=(P/Pcr)	6.22	6.14	5.62	5.59	4.74	4.73	3.86	3.85
14	T=(T/Tcr)	1.71	1.71	1.71	1.71	1.71	1.71	1.71	1.71
15	Z (TABLE IV)	0.912	0.909	0.889	0.888	0.862	0.862	0.847	0.847

PW 1 : 3537.8 PW 2 : 3206.0 PW 3 : 2694.9 PW 4 : 2194.6