

FLOWING BHP'S
CAL. TO SURFACE (PSIA)

XX = PM

WORK SHEET FOR CALCULATION OF WELLHEAD PRESSURES (P_{wh})
FROM KNOWN BOTTOM HOLE PRESSURE (P_{bhp})

Form C-122F
Adopted 9-1-65

COMPANY NEW BOURN OIL CO LEASE 1066EL

WELL NO. 1 DATE 8-28-90

LOCATION: Unit L 8465 Section H 8465 Township L/H 1.000 Range G 644

WITNESS SIGNATURE GH 5951.46 674 % CO₂ 1.28 % N₂ .29 % H₂S ---
THIS DEPT TABLE IX TABLE IX TABLE IX

LINE	1	2	3	4	5	6	7	8
1	$T_w (W.H. \cdot R)$	534	534	534	534	534	534	534
2	$T_s (B.H. \cdot R)$	619	619	619	619	619	619	619
3	$T = \frac{T_w + T_s}{2}$	576.5	576.5	576.5	576.5	576.5	576.5	576.5
4	Z (Est.)	.797	.810	.800	.813	.805	.819	.816
5	TZ	459.4	466.9	461.2	468.6	464.0	472.1	477.9
6	GH/TZ	11.864	11.674	11.820	11.631	11.746	11.545	11.588
7	e^s (Table XIV)	1.5560	1.5549	1.5557	1.5546	1.5553	1.5541	1.5544
8	P_{bhp} or P_s	1665.2	1665.2	1630.2	1630.2	1563.2	1563.2	1438.2
9	P_{bhp} or P_s^2	2772.5	2772.5	2657.6	2657.6	2443.6	2443.6	2068.4
10	$P_c^2 = P_{bhp}^2$ or $P_w^2 = P_s^2$ or P_{es}^2	1777.0	1785.8	1705.9	1718.1	1572.9	1584.8	1339.3
11	P_{bhp} or P_w	1333.8	1337.8	1306.1	1310.8	1254.7	1258.9	1161.3
12	$P = \frac{P_w + P_s}{2}$ or $\frac{P_c + P_j}{2}$	1499.1	1501.5	1468.1	1470.4	1408.6	1411.0	1297.7
13	$P_r = (P/P_{cr})$	2.22	2.22	2.17	2.18	2.05	2.05	1.92
14	$T_r = (T/T_{cr})$	1.55	1.55	1.55	1.55	1.55	1.55	1.55
15	Z (Table XI)	.810	.810	.813	.813	.819	.819	.829