

Table 10.



BASIC DATA for Compressibility Evaluation - clona no 1 Waare SST

	M RKB	m. bgl	ft bgl	°C*	°R*	SFT P* (psi)	Comments
TOP PAY PIPE	1300	1295.1	4248.96	51.46	584.29	1734.58	Extrapolated using SFT P* gradient at 1306M
pressure pt	1306	1301.1	4268.65	51.60	584.55	1742.62	(.4082 psi/ft)
Midpt of pay	1312.3	1307.4	4289.32	51.76	584.84	1744.32	Interpolated between P* of 1306M and 1316M
pressure pt	1316	1311.1	4301.46	51.85	585	1745.32	(0.4058 psi/ft)
pressure pt	1321.5	1316.6	4319.5	51.98	585.23	1744.99	
pressure pt	1324	1319.1	4327.7	52.04	585.34	1745.12	
BASE PAY PIPE	1324.6	1319.7	4329.7	52.06	585.38	1745.91	(extrapolated down from gradient at 1324M)

$T^* = 56^{\circ}\text{C} @ 1487 \text{ M KBE } (1482.1 \text{ M bgl}); 20^{\circ}\text{C} @ \text{surface}$

Compressibility Data (from Gas & Fuel Labs)

Full well stream  $Z = .9975$

less CO<sub>2</sub> and condensate  $Z = .9977$

$$\frac{14.7}{P^*} \times \frac{T^{\circ}\text{R}}{520} \times Z = B_{gi}$$

M RKB	Full well stream $Z/B_{gi}$
1300M	.0095
1306M	.009459
1312.3M	.00944737
1316M	.00945165
1321.5M	.009457156
1324M	.009458229
1324.6M	.009454595