

FROM KNOWN BOTTOM HOLE PRESSURE (P_i or P_s)

DATE 1-20-82

WELL NO. 1

LEASE Balco

COMPANY Balco

Range 28E

Township 23S

Section 21

LOCATION: Unit

% H_2S - 0 -

% N_2 3.15

% CO_2 756

L/H 1,000

H 11,100

GH 6866

P_{CT} 673

356

TABLE I & X

TABLE I & X

TABLE I & X

III 60

II 40

I 20

TABLE I & X

TABLE I & X

TABLE I & X

TABLE I & X

LINE	1	2	3	4	5	6	7	8
1	$T_w(W.H. \cdot R)$	533	538	540				
2	$T_s(B.H. \cdot R)$	642	642	642				
3	$T_r(T_w + T_s)$	587.5	587.5	590	591			
4	Z (Est.)	990	952	925	877			
5	TZ	581.625	559.3	545.75	518.31			
6	GH/TZ	11.80547	12.27688	12.58169	13.24786			
7	e^S (Table XIV)	1.55692	1.58468	1.60289	1.64344			
8	P_i or P_s	5709.2	5214.2	4908.2	4007.2			
9	P_i^2 or P_s^2	32594.9	27187.8	23118.8	16057.7			
10	$P_c^2 - P_i^2/es$ or $P_w^2 = P_s^2/es$	20,935.5	17,156.7	14,423.1	9770.7			
11	P_r or P_w	4575.5	4142	3798	3126			
12	$P_r \cdot (\frac{F_w + P_s}{2})$ or $(\frac{P_c + P_i}{2})$	5147.4	4678.1	4303.1	3566.2			
13	$P_i = (P/P_{CT})$	7.6409	6.95	6.39	5.30			
14	$T_r = (T/T_{CT})$	1.6502	1.65	1.66	1.66			
15	Z (Table XI)	990	952	925	877			