

(SUBSURFACE) PRESSURE (P_1 & P_2)
(SURFACE) (P_1 & P_2)

WORK SHEET FOR STEPWISE CALCULATION

12-11-81

WELL NO. 1

DATE

LEASE TONTO STATE CORP.

Section 32

Township 19

Range 33

LOCATION: Unit J

L 12125 H 12125

L/H 1.000

G-MIX 818

% CO₂ .69

% N₂ .56

% H₂S .56

NIC

d 21411 F_r 515763

Q_m 1579

M₂fld (L/H) (F_rQ_m)²

1000053

P_{CT} 665

T_{CT} 428

RATE 3

TABLE IX & X

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		0	65625		13125						
2	GH		0	53681.3		107362.6						
3	37.5GH		0	201305		402609						
4	P _c or P _n		2835.2	3652.7	3650.3	4424.5	4516.8					
5	P _r		4.26	5.49	5.46	6.65	6.58					
6	T		534	599.5	599.5	665	665					
7	T _r		1.25	1.40	1.40	1.55	1.55					
8	Z		.652	.791	.769	.935	.922					
9	P/Z P/Z	4-8	4345.4	4670.9	4601.1	4783.1	4747.1					
10	P/TZ	9-6	8.1375	7.7028	7.6749	7.1926	7.1385					
11	(P/TZ) ² /1000	(10) 2/1000	.066218	.059333	.058904	.057733	.056953					
12	L/H (F _r Q _m) ²		.000038	.000038	.000038	.000038	.000038					
13		I1+I2	.066256	.059371	.058904	.057733	.056953					
14	I _n	I0+I3	122.818	129.739	130.211	138.929	139.981					
15	M=P _n -P _{n-1}			819	797	794	747					
16	N=I _n +I _{n-1}			252.557	255.029	269.140	270.142					
17	M x N	15x16			201.681		201.713					
18	Σ (M x N)	Σ 17			201.928		200.896					