

425

WORK SHEET FOR STEPWISE CALCULATION

COMPANY

Amoco

LEASE

SE FQ

WELL NO.

1

DATE

12-28-75

Form C-122-E

Adopted 9-1-65

LOCATION: Unit

Section

Township

Range

L

12,350

H

12,350

I/H

1.00

G

1573

% CO₂

% N₂

% H₂S

Pressure (P_c & P_w)

Pressure (P_g & P_s)

Pressure (P_c & P_w)

Pressure (P_g & P_s)

d

F_r

Q_m

M²-ftd

(L/H) (F_rQ_m)²

P_{cs}

T_{cs}

TABLE IX & X

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LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		12,350	6175								
2	GH		7077	3538								
3	37.5GH		765,371	132,685								
4	P _c or P _n		3089.9	2760.1	2748.3	2408.5	2379.8	2381.9	P _w = 2383.1			
5	P _r		4.60	411	41.09	3.58	3.54	3.54				
6	T		672	603	603	534	534	534				
7	T _r		1.94	1.74	1.74	1.54	1.54	1.54				
8	Z		1925	1857	1857	1771	1771	1771				
9	P/Z P/Z	4÷8	3340.4	3220.7	3206.9	3123.8	3086.7	3089.4				
10	P/TZ	9÷6	4971	51341	51318	51850	51780	51785				
11	(P/TZ) ² /1000	(10 ² 2/1000)										
12	L/H(F _r Q _m) ²											
13		11+12										
14	I _n	10÷13	201.172	187228	188,034	170,945	173,001	172,857				
15	M=P _n -P _{n-1}			330	342	340	368	366				
16	N=I _n +I _{n-1}			388,400	389,206	358,079	361,035	360,885				
17	M x N	15x16			133109			132,084				
18	Σ(M x N)	Σ17			132262							