

WORK SHEET FOR STEPWISE CALCULATION

(SUBSURFACE)
(SURFACE)
PRESSURE
(P_c & P_w)

Form G-1221
Adopted 9-1-65

$\Delta P =$

$$3 \times 320,991$$
$$167,915 + 4(119,549) + 168,505$$

COMPANY _____ LEASE _____ WELL NO. _____ DATE _____

LOCATION: Unit _____ Section _____ Township _____ Range _____

L $24^{\circ}55'$ H 12056 L/H 1.033 G 0.71 %CO₂ $.45$ %N₂ $.59$ %H₂S 0

$d/995$ $F_{p,c} Q_m$ 1.158 $M^2 d$ (L/H) ($P_1 Q_m$)² $.0004604$ P_{cr} 667 T_{cr} 392

TABLE IX & X

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$= 1347.0$

$= 3714.2 + 1347.0$

$= 5061.2$

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		0	6028				12056				
2	GH		0	4279.82				8539.76				
3	37.5GH		0	160,495				320,991				
4	P_c or P_h							160,496				
5	P_1			3714.2	4406.2	4382.2	4386.2	4385.2	4496.2	5005.2		5061.2
6	T_1			5.57	6.61	6.58	6.58	6.57	7.49	7.51		7.59
7	T_1			520	589	589	589	658				658
8	Z			1.33	1.50	1.50	1.50	1.68				1.68
9	P/Z			1,775	1,898	1,897	1,896	1,986				1,992
10	P/Z			4792.5	4906.7	4894.0	4894.2	5061.1	5069.0			5102.0
11	P/TZ			9.66	9.2163	9.205	9.202	7.7068	7.7037			7.7008
12	$L/(H(P_1 Q_m)^2)$			0.004604	0.003972	0.003972	0.003972	0.003970	0.003970			
13				11 + 12	0.008576	0.007942	0.007936	0.008055	0.009094			
14	I_h			10.13	107.918	119.636	119.654	119.579	128.856	128.808		128.808
15	$M I_h - P_{h-1}$				71.28	692	672	671	611	623		623
16	$I I_h + I_{h-1}$				238500	238,876	239,180	239,203	257,712	257,668		257,668
17	$I I_h + I_{h-1}$											169,985
18	$\Sigma (M I_h)$			$\Sigma 17$								321,000

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MAY 2 1972

OIL CONSERVATION COMM.
HOBBS, N. M.