

WORK SHEET FOR STEPWISE CALCULATION

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

Form C-1221
Adopted 4-1-67

COMPANY

Eno Oil Co

LEASE

Beagle Flats

UNITWELL NO.

8

DATE

1-9-66

LOCATION: Unit

G

Section

5

Thickness

225

Pressure

236

L 6851 H 6900 L/H 1.0

656

0

0

0

89

0.9

d 1.945 F₁ 0.18236 m 101

M₂ 0.000

0.552903

P₀ 670

T₀ 375

TABLE IX B-1

TABLE IX B-1

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		0	3456		6900						
2	GH		0	2263.2		4526.4						
3	37.5GH		0	84.876		162.744						
4	H ₀ + P ₀		1974.2	2474.3	2474.4	2790.6	2966.3					
5	P ₁		2.947	3693	3689	4431	4427					
6	T ₁		538	563	565	582	587					
7	T ₁		1.435	1.561	1.561	1.571	1.571					
8	Z											
9	P/TZ	4/8	2686.3	3269.2	3261.3	3692.2	3694.6					
10	P/TZ	9/6	4.9857	5.700	5.686	6.269	6.272					
11	(P/TZ) ² /1000	(10/2/1000)	0.024557	0.032490	0.03336	0.039300	0.039355					
12	L/H(F ₁ Q _m) ²		0.028903	0.033903	0.033703	0.033903	0.033703					
13		11 + 12	0.053760	0.066393	0.066233	0.073203	0.073241					
14	I _n	10 I ₃	84.849	85.852	85.848	85.639	85.635					
15	M = P _n + P _{n-1}		5706.1	497.14	497.2	494.9	494.9					
16	N = I _n + I _{n-1}		170.701	170.701	170.701	170.701	170.701					
17	M x N	15 x 16	84.871	84.871	84.871	84.871	84.871					
18	Σ (M x N)	Σ 17	84.871	84.871	84.871	84.871	84.871					

WORK SHEET FOR STEPWISE CALCULATION (SURFACE) PRESSURE (P_f & P_s)

Form C-1221
Adapted 4-1-60

COMPANY _____ LEASE _____ WELL NO. _____ DATE _____

LOCATION: Unit _____ Section _____ Township _____ Range _____

L _____ H _____ L/H _____ % CO₂ _____ % N₂ _____ % H₂S _____

d _____ F_r _____ Q_m _____ M²/d (L/H) F_{PM} _____ P_{cr} TABLE IX & X T_{cr} TABLE IX & X

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		1,900	3450		0						
2	GH		4526.4	2263.2		0						
3	37.5GH		169746	84876		0						
4	H ₁ + GH		2966.3	2700.1	2700.3	2438.5	2438.5					
5	H ₁		4427	4036	4035	3634	3641					
6	F		589	563	563	538	538					
7	F _r		1571	1501	1501	1435	1435					
8	Z		1803	0.777	1.777	730	736					
9	P/2	4-8	3694.0	3425.0	3477.9	3340.4	3341.8					
10	P ₁ + P ₂	9-6	6.272	6.172	6.177	6.269	6.216					
11	(P ₁ + P ₂) ² / 1000	(10) 2/1000										
12	L (H/F Q _m) ²											
13		H + I ₂										
14	I ₁	10-13	159.93	162.02	161.996	161.06	160.88					
15	M = F _r + I ₁			266.17	264.0	264.2	262.8	263.0				
16	N = I ₁ + I _{n-1}			321.45	321.32	322.95	322.77					
17	M x N	15 x 16			84.861							
18	Σ (M x N)	Σ I ₇	169746		84876							

100 = 2438.5