

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

Form C-122-E
Adopted 9-1-65

Standard Oil Company

COMPANY of Texas LEASE Bogle Flats Unit "4" WELL NO. 2 DATE 6-6-66

LOCATION: Unit J Section 4 Township 22S Range 23E

L 7039 H 7039 L/H 1.000 G .639 % CO₂ .58 % N₂ .91 % H₂S .21

d 6.276 F_r.00092481 2.164 M₂cfd (L/H) (F_rQ_m)² .000004 P_{cr} 67.3 T_{cr} 364
TABLE IX & X TABLE IX & X

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		6936	7039								
2	GH		4432.10	4497.92								
3	37.5GH		166,204	168,672								
4	P _c or P _n		2823.1	2830.1								
5	P _r		4.20	4.21								
6	T		591	592								
7	T _r		1.62	1.63								
8	Z		.829	.833								
9	P/Z P/Z	4:8	3405.4	3397.5								
10	P/TZ	9:6	5.7621	5.7290								
11	(P/TZ) 2/1000	(10) 2/1000	.033202	.032936								
12	L/H(F _r Q _m) ²		.000004	.000004								
13		11 + 12	.033206	.032940								
14	I _n	10 ÷ 13	173.526	174.226								
15	M=P _n -P _{n-1}			7								
16	N=I _n +I _{n-1}			347.752								
17	M x N	15 x 16		2,434								
18	Σ (M x N)	Σ 17	166,204	168,638								

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JUN 27 1966

O. C. C.
ARTESIA, CALIF.