

LEASE NO. 4 DATE

SECTION TOWNSHIP RANGE

7400 H 7400 L/H 1.00 G 0.717 % CO₂ 0.89 %N₂ 1.54 %H₂S 0.00

d 2.441 F 0.010763 Q_m 2.313 M² cfd (L/H) (F Q_m)² 0.000620 P_{cr} 668 T_{cr} 398

ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
P _c or P _n		1959.2	2246.2	2257.2	2556.2	2578.2					
P _r		2.93	3.36	3.38	3.83	3.86					
T _r		530	541	541	553	553					
Z		1.33	1.36	1.36	1.39	1.39					
P/Z		3004.91	3324.75	3336.09	3625.82	3657.02					
P/TZ		5.6696	6.1427	6.1637	6.5626	6.6190					
/TZ ² /1000	(10 ² /1000)	0.032145	0.037733	0.037991	0.043067	0.043812					
L/H(F Q _m) ²		0.000620	0.000620	0.000620	0.000620	0.000620					
I _n	11 + 12	0.032765	0.038353	0.038611	0.043687	0.044431					
M=P _n -P _{n-1}		287		298	299	321	322				
N=1 _n + 1 _{n-1}			333.206	332.678	309.854	308.608					
M x N	15 x 16			95630		99063					
Σ (M x N)	Σ 17			95630		194693					

Delta P = $\frac{3[198968]}{173.042 + 4[159.637] + 148.972} = \frac{596903}{960.562} = 621.4$ P = 1959.2 + 621.4 = 2580.6

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