

COMPANY Mewborne Oil Company LEASE State E Com WELL NO. 1 DATE May 13, 1977

LOCATION: UNIT 12915 H L/H 1.00 G 0.920 % CO₂ 0.00 % N₂ 0.00 % H₂S 0.00

d F r Q_{in} M³cfd (L/H) (F_r Q_m)² P_{cr} 662 T_{cr} 464

SECTION 6 TOWNSHIP 16S RANGE 34E

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		12915	6458		0						
2	GH		11882	5941		0						
3	37.5GH		445568	222784		0						
4	P _c or P _n		4649.2	3767.8	3750.6	2852.8	2808.7					
5	P _r		7.02	5.69	5.67	4.31	4.24					
6	T		650	593	593	535	535					
7	T _r		1.40	1.28	1.28	1.15	1.15					
8	Z		0.904	0.773	0.771	0.612	0.605					
9	P/Z P/Z	$4 \div 8$	5142.92	4875.58	4865.80	4661.44	4642.50					
10	P/TZ	$9 \div 6$	7.9122	8.2288	8.2123	8.7130	8.6776					
11	(P/TZ) ² /1000	$(10^2/1000)$										
12	L/H(F _r Q _m) ²											
13		$\overline{11} + \overline{12}$										
14	I _n	$\overline{10} \div \overline{13}$	126.387	121.524	121.768	114.771	115.240					
15	M=P _n ^{-P_{n-1}}			881	899	898	942	940				
16	N=1 _n + 1 _{n-1}			247.911	248.156	236.540	237.008					
17	M x N	$\overline{15} \times \overline{16}$			218410		223262					
18	$\sum (M \times N)$	$\sum \overline{17}$			218410		441671					

Delta P = $\frac{3[445568]}{126.387 + 4[121.768] + 115.240} = \frac{1336703}{728.699} = 1834.4$ P = 4649.2 - 1834.4 = 2814.8

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MAY 23 1977

CAL CONSERVATION COMM.
HOBBES, D. M.