

DESIGNATED HITTER #2 SW1/4 Sec. 27 - 26N - 12W

Gas Analysis History

DATE	BTU	Percent Change	Mol % ETHANE	Percent Change	Mol % PROPANE	Percent Change	Mol % CO2	Percent Change	Mol % N2	Percent Change
8/21/78	1111		5.46		2.01		1.02		0.45	
11/30/79	1029	7.38%	2.32	57.51%	0.55	72.64%	1.86	-82.35%	0.17	62.22%
5/29/80	1027	0.19%	2.10	9.48%	0.38	30.91%	2.03	-9.14%	0.11	35.29%
12/1/80	1017	0.97%	2.01	4.29%	0.37	2.63%	2.14	-5.42%	0.15	-36.36%
5/29/81	1017	0.00%	2.01	0.00%	0.33	10.81%	2.17	-1.40%	0.07	53.33%
12/4/81	1051	-3.34%	2.50	-24.38%	0.46	-39.39%	2.30	-5.99%	0.17	-142.86%
6/3/82	1014	3.52%	2.08	16.80%	0.33	28.26%	2.35	-2.17%	0.08	52.94%
10/5/83	1019	-0.49%	2.06	0.96%	0.33	0.00%	2.18	7.23%	0.16	-100.00%
4/5/84	1015	0.39%	2.00	2.91%	0.27	18.18%	2.30	-5.50%	0.12	25.00%
10/3/84	1055	-3.94%	2.29	-14.50%	0.47	-74.07%	2.24	2.61%	0.14	-16.67%
4/11/85	1020	3.32%	2.14	6.55%	0.34	27.66%	2.31	-3.12%	0.22	-57.14%
1/8/86	1010	0.98%	1.79	16.36%	0.25	26.47%	2.40	-3.90%	0.16	27.27%
4/14/86	1033	-2.28%	2.62	-46.37%	0.66	-164.00%	2.25	6.25%	0.18	-12.50%
10/8/86	1008	2.42%	2.07	20.99%	0.19	71.21%	2.32	-3.11%	0.22	-22.22%
4/9/87	1014	-0.60%	1.93	6.76%	0.31	-63.16%	2.19	5.60%	0.26	-18.18%
5/29/88	1007	0.69%	1.61	16.58%	0.20	35.48%	2.06	5.94%	0.40	-53.85%
6/2/89	1048	-4.07%	4.19	-160.25%	0.40	-100.00%	1.26	38.83%	0.96	-140.00%
8/15/89	1051	-0.29%	4.20	-0.24%	0.46	-15.00%	1.11	11.90%	0.82	14.58%
11/5/90	1039	1.14%	3.04	27.62%	0.36	21.74%	2.31	-108.11%	0.55	32.93%
Averages		Max 10.3%	2.548421	Max 332%	0.4563158	Max 1000+%	2.042105	Max 218%	0.283684	Max 1200%
Frac'd 12/84										
8/17/95	1038		3.25		0.84		2.45		0.64	
3/7/96	1077	-3.76%	3.85	-18.46%	1.56	-85.71%	1.14	53.47%	0.84	-31.25%
1/24/98	1018	5.48%	2.61	32.21%	0.55	64.74%	2.66	-133.33%	0.74	11.90%

El Paso
Energy

NMOCD CASE #11996
PENDRAGON ENERGY
EXHIBIT

N-18