



V-F PETROLEUM (ELWYN C. HALE)  
FEDERAL #2  
Sec. 22K-Twp. 20S-30E  
Kb = 3,311 Ft.  
GR - Sonic

MC RAE & HENRY (AMOCO PRODUCTION)  
FEDERAL 'G' GAS COM. WELL #1  
Sec. 21J-Twp. 20S-30E  
Kb = 3,337 Ft.  
GR - Neutron

MC RAE & HENRY (AMOCO/PAN AMER.)  
USA EMPEROR OIL CO. #1  
Sec. 28F-Twp. 20S-30E  
Kb = 3,359 Ft.  
GR - Sonic

MC RAE & HENRY (TEXAS INT'L.)  
HUDSON FEDERAL COM. #1  
Sec. 29J-Twp. 20S-30E  
Kb = 3,416 Ft.  
GR - Sonic

DST 11958-12085, 2000 WVB  
Op. 195, GTS 15' are 5000  
MCFD, dead to 1500 MCFD.  
R/ 7285 SGCOF (hole in DP).  
75 ISIP/5053, FFP/2500-1512,  
180 FSP/5194, HP/6076-6037

DST 11990-12197, Op. 95, GTS  
12' @ 2,000 MCFD, 105 ISIP/4823  
FFP/4141-4094, 60 FSP/4917,  
HP/6106-5828

DST 11958-12085, Op. 250,  
GTS 14' @ 8000 MCFD, R/10  
Wtr + 5 Cond. 60 ISIP/5004,  
FP/2154-2665, 210 FSP/4939

Perf/ 12149-350  
Acid/ 5000 gals  
No results given

Perf/ 12412-552  
No results available

COMPLETED JUNE 1972  
Perf/ 11837-12213 (gross) with 276 shots total, natural  
F/4,000 MCFD (estimated)  
IPF 719 MCFD, 18/64" choke, FTP 400  
CUMULATIVE: 1.186 BCFG + 8,000 BC + 73,000 BW

ORIGINALLY COMPLETED MAY 1974  
Perf/ 11922-12324 (gross) with 140 shots total  
Acid/ 20,000 gals.  
F 1,950 MCFD on 18/64", FTP 1325

CUMULATIVE: 1.941 BCFG + 15,000 BC + 28,000 BW  
1/83 Perf/ 11742-12080, Acid/ 20,000  
F 398 MCFD + 2 BC + 6 BW  
INACTIVE  
(re-completed in Strawn, August, 1985)

ORIGINALLY COMPLETED MAY 1965  
Perf/ 12242-52; 12340-51; 12360-73; 12376-81;  
12385-91 with 4 SPF, Natural  
IPCAOF 13,500 MCFD

CUMULATIVE: 9.437 BCFG + 53,000 BC + 7,000 BW  
INACTIVE  
(re-completed in Strawn, March 1982)

ORIGINALLY COMPLETED IN UPPER MORROW  
JULY 1973

Completed in upper Morrow from 11777-804  
CUMULATIVE: 303,000 MCFG + 1000 BC  
INACTIVE  
(re-completed in Strawn, July 1974)

BEFORE EXAMINER CATANACH  
OIL CONSERVATION DIVISION  
10/7/04 EXHIBIT NO. 2  
CASE NO. 13351

V-F PETROLEUM INC.  
P. O. Box 1889, Midland, Texas 79702  
DOS HERMANOS PROSPECT  
Eddy County, New Mexico  
STRUCTURAL CROSS-SECTION A-A',  
ILLUSTRATING LATERAL CONTINUITY  
OF POROUS MORROW SANDSTONE STRATA  
GEOLOGY BY: Louis J. Mazzullo  
DRAWN BY: Albuquerque, NM  
DATE: 10/06/2004