

W



1420'



1320'



E

READING & BATES PETROLEUM CO.
 2 u-m Dickinson Cattle Co. "33"
 Sec 33, T14S, R38E
 660 FSL, 560 FWL of Sec

33-M

TD 9619' in Wolfcamp

P&A d 6-27-82.

No Completion Attempted.

Wolfcamp tested formation water.

READING & BATES PETROLEUM CO.
 1 u-m Dickinson Cattle Co. "33"
 Sec 33, T14S, R38E
 660 FSL, 1980 FWL of Sec

33-N

TD 13,360' in DEVONIAN

Camp 4-29-82 opposite

Perfs 9404'-34' in Wolfcamp Fm

IPF 306 BO/D + 92 BLW (Natl)

on 26/64" choke (GOR 771), 43.5 GR.

Named POLLOCK (Wolfcamp) Field

CUM PROD 6-30-93;

222,231 BO, 0 GAS + 4,260,172 BW

READING & BATES PETROLEUM CO.
 3 u-m Dickinson Cattle Co. "33"
 Sec 33, T14S, R38E
 660 FSL, 1980 FWL of Sec

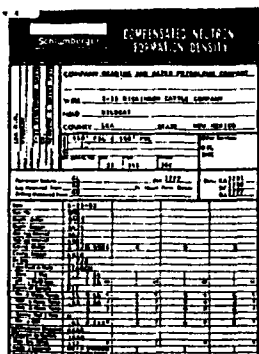
33-O

TD 9582' in Wolfcamp

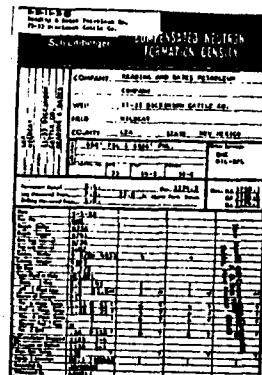
F&A d 10-24-82.

No Completion Attempted.

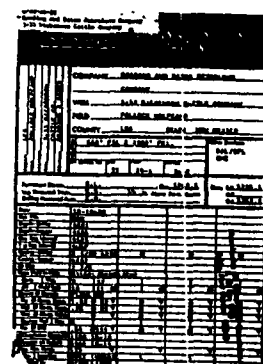
No test made in Wolfcamp.

KB
3791

33-M

KB
3798

33-N

KB
3777

33-O

IN YESO DOLOMITE

TUBB

ABO

HUNG ON SEA LEVEL

(-5000)

IN YESO

TUBB

4424

*DST (Wolfcamp) 9425-69, op 1 hr 15 mins, rec
 6200 FT FWTR + 3000 FT VSOCFW (Sampler rec
 355 CC OIL + 2000 CC WTR + .05 CFT GAS @ 350)
 30 min ISIP 4158, FP 319-4158, 2 hr FSIP 4171.

WOLFCAMP

HARVARD PETROLEUM CORPORATION

EAST DENTON PROSPECT
 LEA COUNTY, NEW MEXICO

STRUCTURAL CROSS SECTION

J. W. Peterson

February, 1994

DST (Wolfcamp) 9414-34, open 2 hrs 35 mins,
 DP rec: GRS in 5" OTS in 15" F 264 BO (6 Hrs)
 (Sampler rec 1700 CC OIL +
 1.2 CFT GAS), 54 min ISIP 4166, FP 1470-
 3720, 6 hr FSIP 4166, HP 4205-4205

*Wolfcamp Discovery for the Pollock Field

Showing Wolfcamp Pay, Completion Data
 and Tests in the POLLOCK (Wolfcamp)
 Field in Section 33-T14S-R38E.

HARVARD PETROLEUM CORP.
 UNORTHODOX WELL LOCATION
 ANGELL #1 CASE 11180

EXHIBIT #3