COMPANY SIRGO OPERATING INC.
WELL WEST PEARL QUEEN UNIT NO. 180
LOCATION SECTION 28 TWP. 19S RGE. 35E
COUNTY LEA STATE NEW MEXICO
ELEVATION DR ____ GL 3722' KB 3734
SUPERVISING ENGR. CE TAYLOR
DEPTH LOGGED FROM 4300' TO 5075'
DATE LOGGED FROM 5-22-90 TO 5-26-90

NPB – NEW BIT
DCB – DIAMOND CORE BIT
DST – DRILL STEM TEST
NR – NO RETURN
CO – CIRCULATED OUT

MORCO GEOLOGICAL SERVICES

SAND · LIMESTONE · GRANITE WASH · SILTSTONE · DOLOMITE · CONGLOMERATE · SHALE · ANHYDRITE · CHERT

FILE COPY

GAS CHROMATOGRAPH ANALYSIS
ETHANE ____ BUTANE ____
PROPANE ____ PENTANE ____

DRILLING RATE (MIN/FT, FT/HR) · TVD (FEET) · LITHOLOGY · LAGGED SAMPLE · CUTTINGS · HYDROCARBON ANALYSIS LOG (ONE MAN SERVICE TOTAL GAS · CHROMATOGRAPH ANALYSIS) · REMARKS (W · F · P · CK · PH · CL)

SET 8 5/8" CASING AT 915'

ONE MAN ON AT 1330AM, 5-22-90

DRILLING WITH BIT NO 2
7 7/8" F-27

HOT WIRE CALIBRATION
1%C1 = 100U

CHROMATOGRAPH TEST
C1 = 220
C2 = 560
C3 = 280
C4 = 180
C5 = 30

WOB 50K
RPM 70
SPM 100
SP 1400

DEV 3/4°

CONN

MUD WT 10
VIS 28
PH 9.5

CONN + SVY

MUD UP IN WORKING PIT

MUD WT 10.2
VIS 34
PH 9
FIL 6.4
CL 192K

SCALE CHANGE

CORE NO. 3 DMND

WOB 18K

BIT NO 4, RR BIT NO. 2

WOB 48K

RR BIT NO. 4

CORE NO. 2

WOB 18K

RR BIT NO. 5

CORE NO. 3

RR BIT NO. 6

WOB 48K
RPM 70
SPM 90
SP 1200

MUD WT 10.1
VIS 34
PH 9
FIL 8
CL 185K

TD 9:00AM 5-26-90