

MOUNTAIN STATES WELL LOGGING CO.
P.O. BOX 364
SILVERTON, WYOMING 82501
PHONE 307-856-6447



COMPANY AMOCO PRODUCTION COMPANY
WELL NEWBERRY /A/ NO. 9
FIELD BASIN FRUITLAND COAL GAS
COUNTY SAN JUAN STATE NEW MEXICO

NIT NO. 2
DATE FROM 10-20-91 TO 10-20-91
DATE FROM 2434' TO 2624'
ENGINEERS JIMMIE A. BALES
L. S. GLENN

CO — CIRCULATE OUT
NB — NEW BIT
DEV — DEVIATION
TG — TRIP GAS
DTG — DOWN TIME GAS
CG — CONNECTION GAS
DCB — DIAMOND CORE BIT
DB — DIAMOND BIT
DST — DRILL STEM TEST
NR — NO RETURNS
NS — NO SHOW
POROSITY, STAIN, & CUT
TRACE
FAIR
GOOD

LOCATION: A
830' FNL & 940' FEL
SEC. 34 TWP. 32N RGE. 12W

LEGEND

SHALE
SILTSTONE
SANDSTONE
LIMESTONE
DOLOMITE
ANHYDRITE
BENTONITE
CHERT
CONGLOMERATE
COAL
SALT

RECEIVED
OCT 22 1991,
OIL CON. DIV.)
DIST. 3

GAS FROM MUD

TOTAL GAS DETECTOR.....

CHROMATOGRAPH ANALYSIS

METHANE — 1
ETHANE — 2
PROPANE — 3
BUTANES — 4
PENTANES — 5
HELIUM — 6
RESULTS IN MOLE PERCENT GAS/AIR

CASING RECORD

SIZE FROM TO
7" 0 2434

ELEVATION

GL 6248
DF
KB

DRILL RATE

MIN/FT. FT./HR.
1 2 3 4

POROSITY
LITHOLOGY
DEPTH
PERCENTAGE
LITHOLOGY
STAIN
CUT
% OIL
FLUOR

C'GRAPH 5% 10% 15%
TOTAL GAS 500 1000 1500

REMARKS

BL HTC J-3

WOB=10,000
RPM=70
PP=300

BEST COAL IN WELL

DTD 2624

1% METHANE + 100 UNITS TOTAL GAS

2459
CANNISTER NO. 43
2467

1. C.G.

2. C.G.

CIRCULATING THRU
BLOOE LINE

NO FLARE

NO FLARE

NO FLARE

CANNISTER SAMPLES TO TECH INC,
FARMINGTON, NM

AWA RIG 56
INSUFFICIENT WATER
CIRCULATE RESERVE
SO ARE DRILLING WITH
CLOSED SYSTEM

COAL-BLK, BLKY TO
BLKY, VIT W/10% SE
VIT, CONCH FRAC, SI
RTHY MSTLY CLEAN
PRLY CLEATED, POO
BLDG GAS

SAMPLE QUALITY-V/PO

SS-LT GY, VF-FG, S
AANG, SB RND, MST
UNCONS, SM V/FRI, S
S & P, V/SLI CALC

SH-M GY, SB FIS TO
BLKY, MIC MICA, SL
& DK GY, SB FIS, C

COAL-BLK, BLKY, VIT
10% SEMI VIT, CLE
WELL CLEATED, ABI
CONCH FRAC GD BL
GAS

COAL-BLK, SB BLK
TO SB PLTY
SEMI VIT, W/10%
& V/RTHY, 10% VI
& CLN, MOD RTH
OVERALL, PR-FR CI
BLDG GAS

COAL-BLK, SB BLKY
SB PLTY, SEMI VIT-
MOD RTHY, PR CLT
PR BLDG GAS