

MOUNTAIN STATES WELL LOGGING CO.

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PHONE 307-856-6447



COMPANY AMOCO PRODUCTION COMPANY
WELL TANK MOUNTAIN /B/1
FIELD Basin Fruitland Coal Gas
COUNTY SAN JUAN STATE NEW MEXICO

UNIT NO. 2
DEPTH FROM 3277' TO 3558'
DATE FROM 02-07-91 TO 02-07-91
ENGINEERS JIMMIE A BALES
LORNA S. GLENN

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

LOCATION:
H 1680' FNL & 1190' FEL

SEC. 30N 22E 10W

LEGEND

SHALE
SILTSTONE
SANDSTONE
LIMESTONE
DOLOMITE
ANHYDRITE
BENTONITE
CHALCOPHOSPHATE
COAL
SALT
SAND

RECEIVED
FEB 15 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- 3261

ELEVATION

GL
DF
KB 6764

DRILL RATE

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

POROSITY
LITHOLOGY

DEPTH

PERCENTAGE
LITHOLOGY

STAIN

CUT

FLUOR

GRAPH

10%

20%

30%

40%

TOTAL GAS 1000 2000 3000 4000

REMARKS

NB I HTC J-3

5 1/4"

WOB = 13/18,000
RPM = 80
PP = 650

DTD 3558

1% METHANE - 100 UNITS HOT WIRE

WEAK 3' FLARE

INSUFFICIENT SAMPLES FOR CANNING

NO FLARE

WEAK 3' FLARE

INSUFFICIENT SAMPLES FOR CANNING

WELL TECH RIG 398

CASING AT 3261,
FM AT 3277

SS-LT GY, LT GY BN,
VF-FG, V/FRI, SB ANG,
SM SB RND, V/ SLI
S & P, TR MICA, SLI
CALC

SH-M GY, SB BLKY,
MIC MICA

COAL- BLK, PLTY TO SB
PLTY, MOSTLY DULL,
SOME SEMI VIT - VIT,
MOD-V/RTHY, PRLY
CLEATED, V/LITTLE
BLDG GAS

SH-DK GY TO BLK, SB
BLKY, CARB, & M GY,
BLKY, MC MICA

SS-M GY BN, VF-FG,
SB ANG-SB RND
MOSTLY UNCONS

SAMPLE QUALITY-FAIR

SS-M GY BN, M GY, VF-
FG, SB ANG - SB RND,
MOSTLY UNCONS, SM
CONS, FRI, SLI S & P,
V/SLI CALC, MIC MICA

SH-DK GY-BLK, BLKY-
SB BLKY, CARB, SM
M GY, SB BLKY, MIC
MICA

COAL-BLK, PLTY TO SB
PLTY, DULL TO SEMI
VIT, MOD-V/RTHY,
PRLY CLEATED, V/LTL
BLDG GAS

COAL-BLK, PLTY, DULL
V/RTHY

