- WEGE -
WESTERN GEO-ENGINEERS
"A SERVICE TO THE OIL AND GAS INDUSTRY"

WELL POLAR TRAIL
API# 036-009-00115
COMPANY MITCHELL ENERGY CORP.
AREA PIST
LOCATION 1980'FSL&1650'FEL(SEC.21) &
SEC. 20, T3S, R68W, 6th P.M. (CENTER
COUNTY, STATE COLUMBINE COUNTY, Co.

LITHOLOGY SYMBOLS

Sand | Clay Shale | Silt | Lime | Dolomite | Gypsum | Anhydrite | Coal | Igneous | Metamorphic | Conglomerate

REMARKS

MUD ELEV.	GL 7360.82' KB 7373.32'
SALINITY IN	PPM CL
FILTRATE IN	60/70 MIN.
GAS TRAP	AGITATOR
MUD LOGGING UNIT	SKYHOOK TWO UDL
	TAYLOR REG. 5

CASING

8 5/8"	TO 672'
	TO
	TO

MUD DATA
W WEIGHT
V VISCOSITY
WL FILTRATE
FC FILTER CAKE
%S SAND IN %

LEGEND
S SALINITY
R RESISTIVITY
RF FILTRATE RESISTIVITY
BIT DATA
NB NEW BIT
ARB AERIAL BIT
CR CORE RET.
RC VOLUME DIM CR
OTHER DATA
DST DRILL STEM TEST
CG CONNECTION GAS
C CARBIDE GAS
CR CIRCULATE RETURNS
DST DRILL STEM TEST
[DST INTERVAL
] CORE INTERVAL

DATE 10/29/76 to 11/10/76 DEPTH 601 to 2957' ENGINEERS [illegible]

WEGE
WESTERN GEO-ENGINEERS
Drilling Rate In
Bit Data

DEPTH | SAMPLE LITHOLOGY | OIL IN MUD or CUTTINGS % FLUORESCENCE | MUD ANALYSIS | CUTTING ANALYSIS | REMARKS

TOTAL DITCH GAS
PIT GAS
TOTAL CHLORIDES
PIT CAP

Mud Data
Formation Tests
Core Analysis
Survey
Flow

DRILLING RATE CHART
SPM 200 150 100 50

BELT SEC 53% IN RT
10/25/76 CONDUCTOR

WOB 5/7,000
RPM 120
PP 1500
SPM 60

11/1/76
WOB 5/7,000
RPM 120
PP 1500
SPM 60
EST. 7168'TVD

11/7/76
WOB 6/10,000
RPM 100/120
PP 1750
SPM 60

WOB 6/10,000
RPM 100/120
PP 1750
SPM 60

WOB 6/10,000
RPM 100/120
PP 1750
SPM 60

WOB 6/9