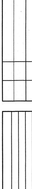
Geoconsultants, Consulting LLC

API # 15-051-25925-00-00

OPERATOR: MURFIN DRILLING COMPANY, LLC. CO.
GEOLOGIST'S REPORT
LEASE: SIMPSON WELL NO. 1
LOCATION: 210' FSL & 330' FEL
SEC. 2 TWP. 11S ROGE 17W
COUNTY: ELLIS STATE: KANSAS
ELEVATION: 2167 KB
GL: 2158
DATE COMMENCED: 10-26-09
DATE COMPLETED: 10-30-09
TOTAL DEPTH: 3555
CASING RECORD: 8 5/8" @ 213'
DRILLING CONTRACTOR: MURFIN DRILLING CO. RIG #1
ELECTRICAL SURVEYS: NONE
DRILL STEM TESTS: 5 TESTS
MUD CONDITIONER: NONE
MUD TYPE: FRESH WATER GEL
DAMAGE: NONE
MUD WEIGHT: 9.0 LBS. PER GAL.
VISCOSITY: 45 SEC.
WATER LOSS: 10 CC
PH: 9.0
CHLORIDES: 1500 PPM
DRILL PIPE: 4 1/2" XH
DRILL COLLARS: 2 7/8" X 2 1/2"
REMARKS: THE OIL IS GOOD, WATER, BLEEDS AFTER PICKLING, BLEEDS AFTER DRILLING