

Geologist's Report
WellSight Systems
 Scale 1:240 (5"=100') Imperial
 Measured Depth Log

Well Name: MBF #5-1
 Location: SE SE SE 5-30-5E
 License Number: API#15-035-24623
 Spud Date: 11-17-2014
 Surface Coordinates: N.A.

Region: COWLEY CO., KS
 Drilling Completed: 11-20-2014

Bottom Hole Coordinates: VERTICAL TEST
 Ground Elevation (ft): 1305 K.B. Elevation (ft): 1313
 Logged Interval (ft): 2200 To: TD Total Depth (ft): 3100
 Formation: MISSISSIPPI
 Type of Drilling Fluid: CHEMICAL GEL

Printed by MUD.LOG from WellSight Systems 1-800-447-1534 www.WellSight.com

Geologist

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Operator

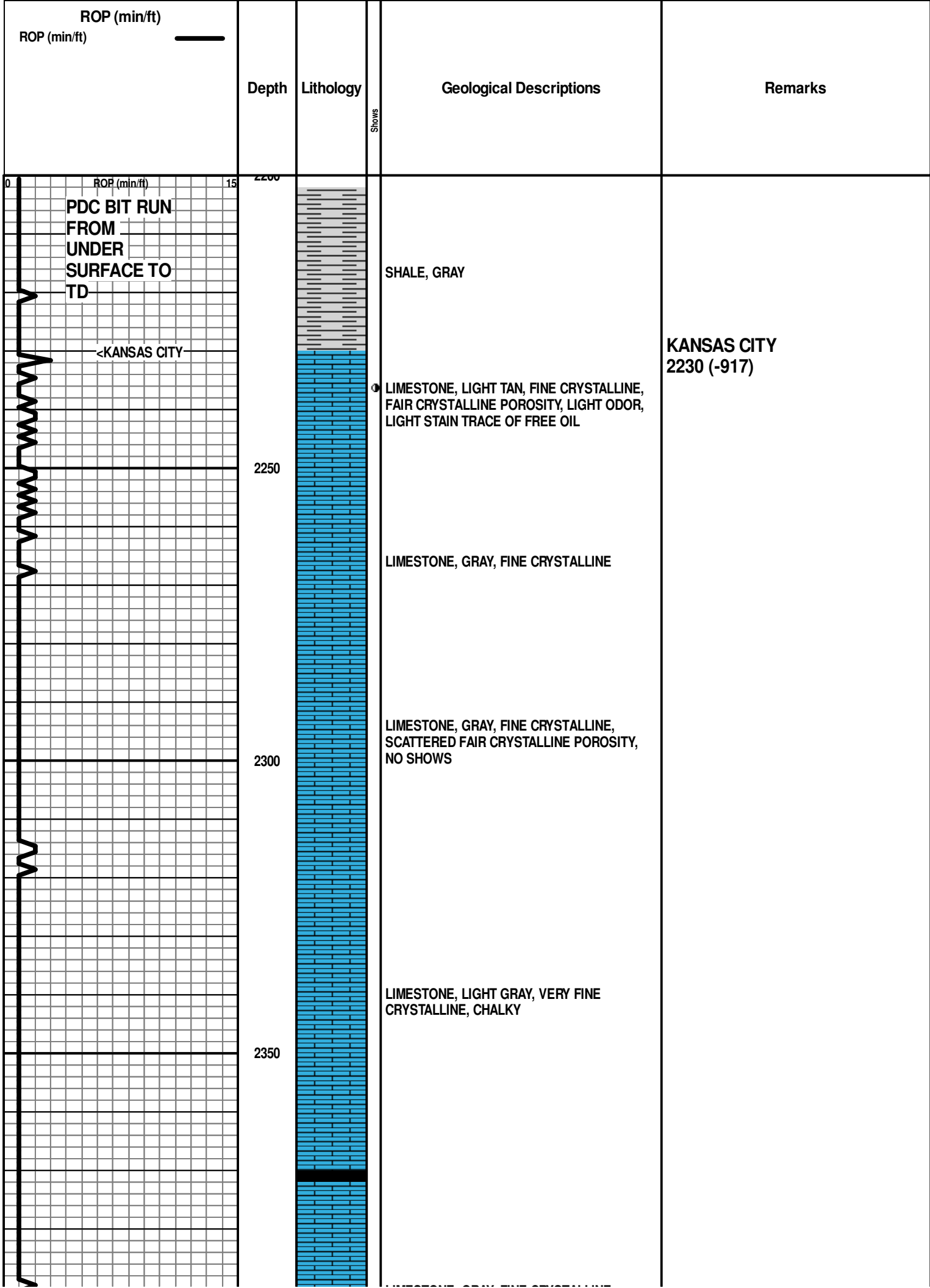
Company: LEON C. SMITHERMAN JR., LICENSE # 33025
 Address: 14331 TIPPERARY CIRCLE
 WICHITA, KS 67230
 316-733-5434

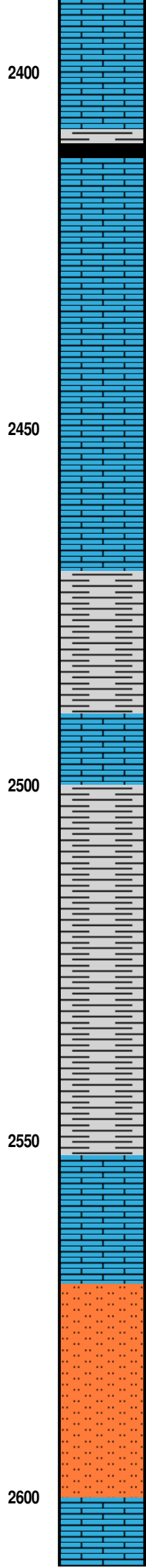
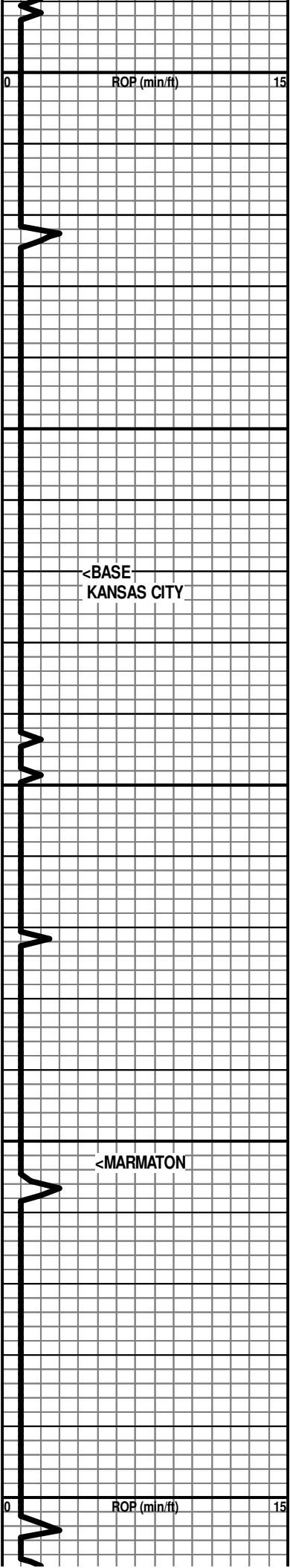
Drilling Information

CONTRACTOR: GULICK DRILLING INC., LICENSE # 32854
 DRILLING FLUIDS: FUD MUD
 LOGGING: TUCKER ENERGY SERVICES
 CEMENTING: ELITE CEMENTING AND ACIDIZING

Rock Types

 Anhy	 Clyst	 Gyp	 Mrlst	 Shgy
 Bent	 Coal	 Igne	 Salt	 Sltst
 Brec	 Congl	 Lmst	 Shale	 Ss
 Cht	 Dol	 Meta	 Shcol	 Till





LIMESTONE, GRAY, FINE CRYSTALLINE

LIMESTONE, GRAY, FINE CRYSTALLINE, FAIR CRYSTALLINE POROSITY, NO SHOWS

SHALE, DARK GRAY

LIMESTONE, TAN, FINE CRYSTALLINE

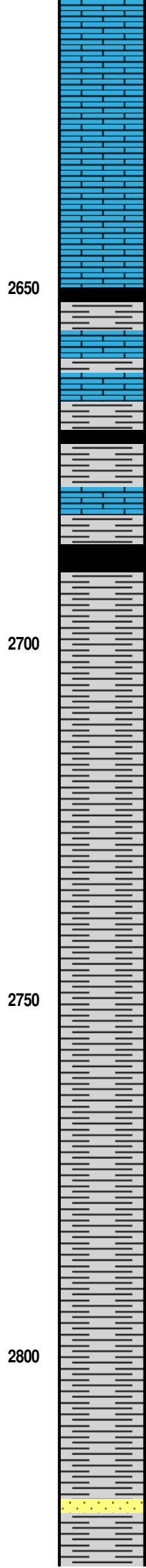
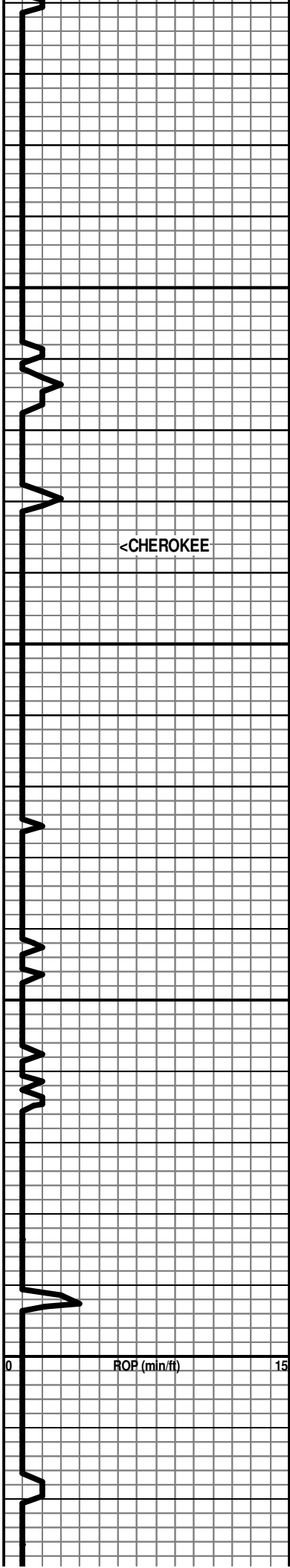
SHALE, GRAY

LIMESTONE, TAN, DENSE

SILTSTONE, GREEN AND GRAY, SHALEY, SOFT, NO SHOW

BASE KANSAS CITY
2470 (-1157)

MARMATON 2553 (-1240)



LIMESTONE, LIGHT GRAY, DENSE

SHALE, BLACK

SHALE, BLACK

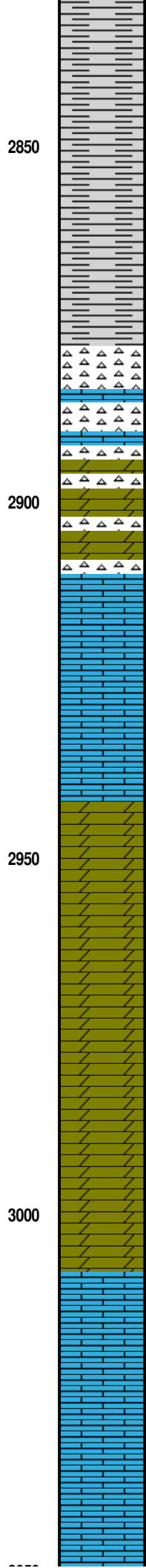
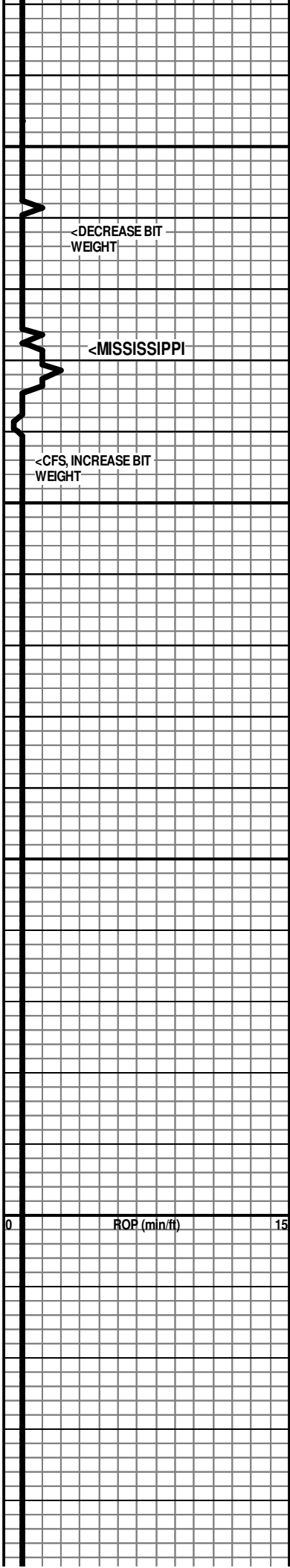
SHALE, BLACK

SHALE, LIGHT GRAY

SHALE, GRAY AND BLACK

<CHEROKEE

CHEROKEE 2686 (-1373)



SHALE, DARK GRAY AND BLACK

CHERT, WHITE, TAN, MOSTLY FRESH, FOSSILS, FAINT ODOR, FEW PIECES WITH FLUORESCENCE, NO VISIBLE FREE OIL

CHERT, WHITE AND TAN, TRIPOLITIC, WITH LIMESTONE, TAN, SOME GOOD POROSITY IN CHERT, SCATTERED VUGULAR POROSITY, FLUORESCENCE IN 15%, FAIR SHOW GAS BUBBLES, TRACE OF FREE OIL

LIMESTONE, LIGHT GRAY, DOLOMETIC, VERY FINE CRYSTALLINE, TRACE CHERT

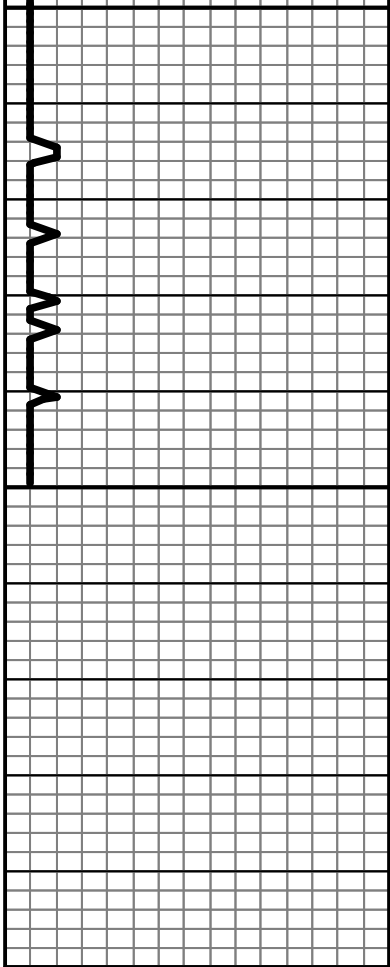
DOLOMITE, DARK GRAY TO BROWN, VERY FINE CRYSTALLINE, SHALEY, DENSE

DOLOMITE, DARK GRAY TO BROWN, VERY FINE CRYSTALLINE, WITH TRACES OF GLAUCONITE

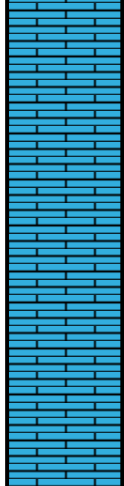
DOLOMITE, AS ABOVE

LIMESTONE, GRAY, FINE CRYSTALLINE

MISSISSIPPI 2878 (-1565)



3050
3100
3150



LIMESTONE, LIGHT GRAY, VERY FINE CRYSTALLINE, DENSE

LIMESTONE, VERY LIGHT TAN, FINE CRYSTALLINE, WITH CHERT, WHITE AND TAN, SPICULITIC, FRESH

VIS 51
WT 9.3
LCM 5#
WL 8.0
CL 1000 PPM

RTD 3100 (-1787)