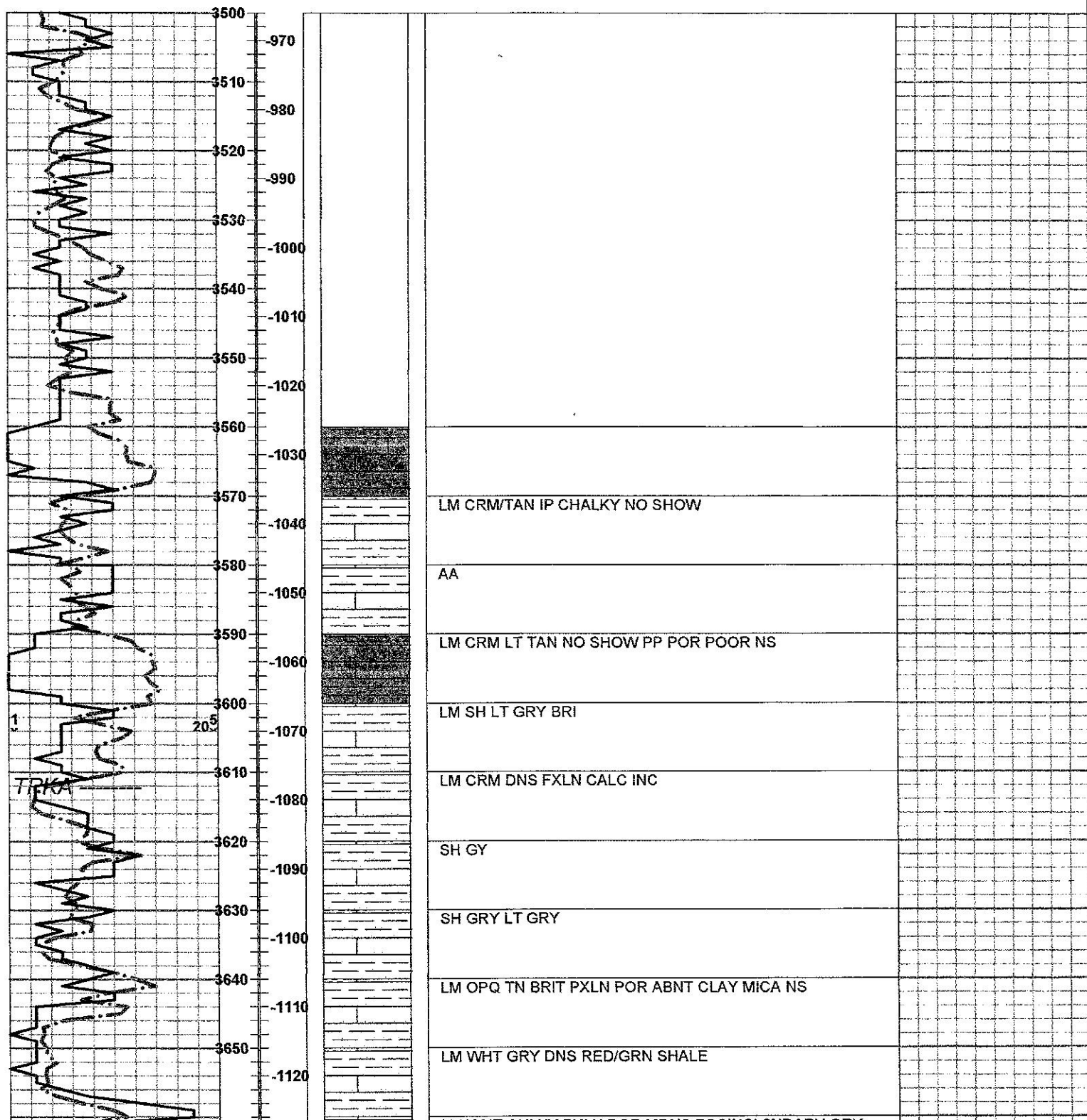


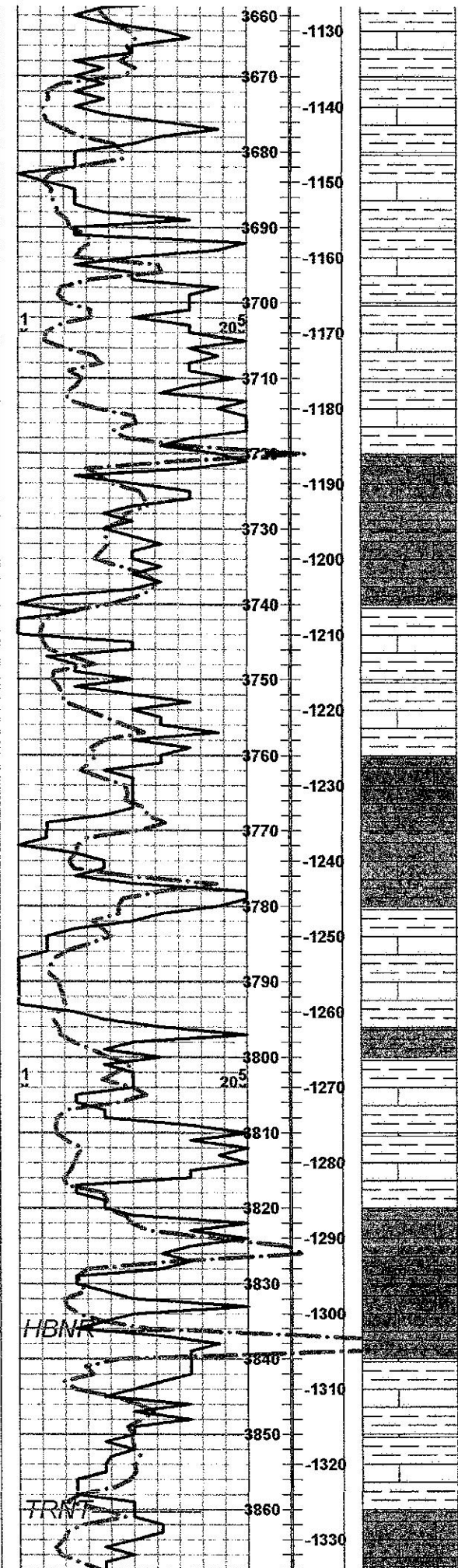
CHRIS A. BEAN
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GEOLOGIST'S REPORT
Drilling Time and Sample Log

COMPANY MIKOL OIL LLC LEASE SAUER1 FIELD NA LOCATION NE SE NW/4 3630 FS 2970 FEL SEC 22 TWSP 11 RGE 25 COUNTY TREGO STATE KS			ELEVATIONS KB 2534 DF GL 2529 Measurements are all from KB
CONTRACTOR DISCOVERY SPUD 6/10/17 COMP 6/17/17 RTD 4158 LTD 4162 MUD UP 3250 TYPE MUD CHEM			CASING SURFACE 200 PRODUCTION none
SAMPLES SAVED FROM 3550 TO td DRILLING TIME KEPT FROM 3500 TO 4162 SAMPLES EXAMINED FROM topeka TO td GEOLOGICAL SUPERVISION FROM 3000 TO TD GEOLOGIST ON WELL CHRIS BEAN			ELECTRICAL SURVEYS DIL SUITE CDNL SUITE
FORMATION TOPS SCCL/BASE TPKA HBNR TRNT LNSG BKC MARM RTD 4158 ELOG 4162 (4)	LOG 2120 +414/+375 2158 3611 -1077 3836 -1302 3860 -1326 3872 -1338 4114 -1580 4130 -1596	SAMPLES	Y=280218 X=1408664 STATE PLANE NAD 27 KANSAS NORTH LAT39.084069 LONG -100.083732 WGS84 NAD 83 Spud June 12 , 2200 tooth jets on bit change June 13th, June 14th Displace/Mud Up 3250'. :Thur June 15th drig 7 am 3625 topeka;Drilling with no test due to low structure -8 to dry hole to south, Fair-Good show H and scattered weak cuts as noted on georpt plot. It was agreed by all parties involved to Plugged Well. (Oil Shows on chart green have visible oil and cut/Black Shows on chart are flur with a milky cut no visible oil show.)





LM WHI CHLKY PXLN POR MDNS FOSSINCL2NDARY GRY SH NS

SH

LM CRM TN PXLNP MOD SOFT NS

AS ABOVE

LM AA WITH FISSILE SHALES LT TO DARK GRY

LM TAN FOSS MOD BRIT TO SOFT NS

LM TAN LT CRM PXLNP BRIT NS

SHALES WITH LIME STRINGER CRM TAN NS

LIME WITH SHALE STRINGER PXLNP BRIT NS

LM CRM BRIT SST PXLNP SOME GRY SHALE NS

GRY SHALE WITH LM AS ABOVE

LM DRK TAN/BRN PXLNP NO NS

LM DRK BRN PXLN POR NO NS

OW CRM BRIT PXLN NS

OW OOLITIC INCL DNS MAS NS

A

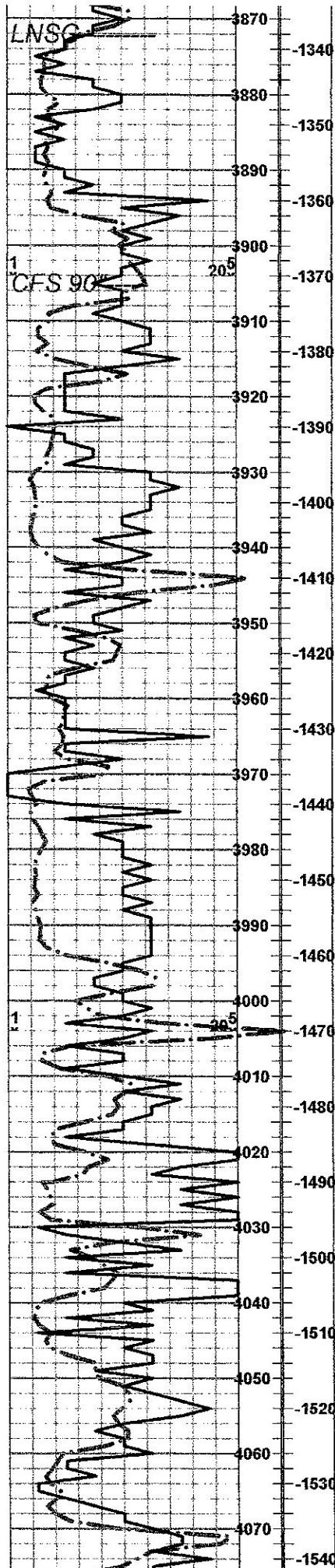
HEEBNER BLK CARB PIECES ABNT FNT

LM CRM CALC INCLSLI SUCR PXLN FLEET ODOR STAIN NS

CRM TN DNS PXLN POR VVFN YLW SAND SR SA PSORT NS SCAT STAIN NO NS

TN DNS W/ FOSSINCL GRY MICA SHALE

TN DNS W/ FOSSINCL GRY MICA SHALE



OW WEATH IP FEW PCS HEVY STAIN FLUR NS

CRM DNS PFNXLN DNS FUE NO

*CFS WHT DNS SLI SCAT STAIN FLEETING ODOR DUL
FLUR NS

SHALE GRY BLACK SOME DNS PXLN POR SST NONS

CRM DNS SCAT WEATHERING SST INCL

CRM TAN TO BRN DOLOMITIC LIME VARICOLOR LIMES
DNS

AS ABOVE

LM CRM FINEXLN TXT DNS FOS FRAG NVS FRAG ABNT NS
SHALE STRINGER

LIME VARI COLOR DOLOSTONE VFN SAND IN TRAY AS PS
YEL MILKY CUT FLUR NVO

CRM/BRN DNS CHERT ABNT AND SHALE

LM SOLICIFIED OOLITIC TXT DNS TR GRN CHLORITIC INCL

OW/BRN MOTLD IP GRY LM DNS E-SOLICIFID NO NS

OW/BRN MOTLD IP GRY LM DNS E-SOLICIFID NO NS

SHOW VUGGY OW LM GOOD POR GRY CAL CLUS GOOD
CUT. SHALY STRINGER ALSO IN SAMPLE

CRM BRN LM DNS PXNP NO SHOW

CRM BRN LM/DOL TR GRY NO SHOW

FAINT ODOR FRIABLE CRM LIME ONE OIL BEAD WITH
CRUSH CUT IMMED WEAK MILKY POOR SHO TRACE
SHALE

FAINT ODOR FRIABLE CRM LIME ONE OIL BEAD WITH
CRUSH CUT IMMED WEAK MILKY POOR SHOW

SHALE LENSES W/ LIME CRM DNS

J ZONE SLI MILKY CUT WEAK WHT CRM CHLKY DNS NO
VISIBLE OIL

LM WHT OW DNS NVP PXLNP K ZONE NO CUT AT ALL

