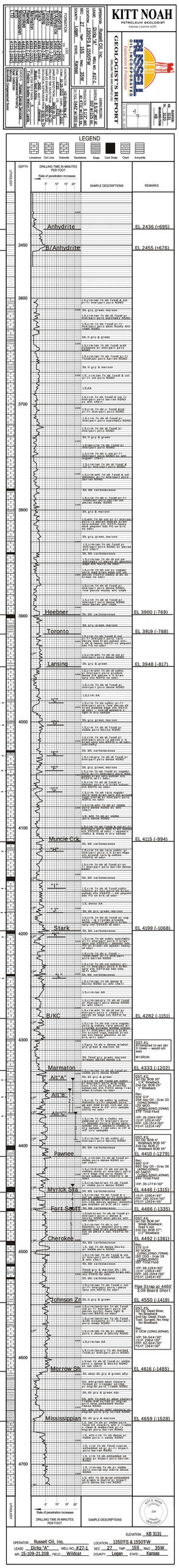
KITT NOAH

PETROLEUM GEOLOGIST
Kansas License #229

RUSSELL OIL, INCORPORATED
Exploration & Production

GEOLOGIST'S REPORT

OPERATOR: Russell Oil, Inc. WELL: Dirks "A" #22-1
LOCATION: 1350'FS & 1350'FW
SEC: 27 TWP: 15S RNG: 35W
COUNTY: Logan STATE: Kansas
API: 15-109-21,208 FIELD: Wildcat
ELEVATION: KB 3131
SPUD: 10/25/08 COMP: 10/31/08
TOTAL DEPTH: 4723 PBTD: 4723
CASING: 8 5/8" @ 224' w/ 150 sks
DRILLING CONTRACTOR: Duke Drilling Co. Rig #7
MUD: Chemical
DST'S: 4 (Marmaton, Pawnee, Fort Scott, Cherokee)
CORES: None
LOGS: Dual Induction, Dual Compensated Porosity, Borehole Compensated Sonic, Microresistivity
DRILL STEM TEST RECORDS

FORMATION	TOP	BASE
Anhydrite	2436	2455
B/Anhydrite	2455	2480
Heebner	3900	3919
Toronto	3919	3948
Lansing	3948	4199
"C"	3972	3990
"D"	4000	4018
"E"	4028	4046
"F"	4050	4068
"G"	4080	4098
Muncie Crk.	4115	4199
"H"	4140	4158
Stark	4199	4282
"I"	4190	4208
"J"	4220	4238
"K"	4250	4268
"L"	4270	4288
B/KC	4282	4333
Marmaton	4333	4410
"A"	4350	4368
"B"	4370	4388
"C"	4390	4408
Pawnee	4410	4446
Myrick Sta.	4446	4492
Fort Scott	4492	4537
Cherokee	4537	4659
Johnson Zn.	4550	4616
Morrow Sh.	4616	4659
Mississippian	4659	4723