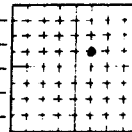


12-5-51

STATE KANSAS CO. SUMNER MAP NO.
 OPER. PHILLIPS PETROLEUM CO
Box 287, GREAT BEND, KS 67530
 WELL 5-3 BATES UNIT
 CONTR. SLAWSON DRLG
 FIELD BATES (MISS)
 IP 39 BOPD + 20 BWPD (MISS) 3734-46 OA
 API 5-191-21096 FR 8-7-80 COMP. ISSUED 12-30-80
 SPUD 9-9-80, 8 5/8 @ 504 w/1090, Geol: Heather Collins
 RTD 3840, log, 5 1/2 @ 3837 w/600
 Perf (MISS) 4/3734-36, 4/3744-46, 1000 GA
 IPP 39 BOPD + 20 BWPD (MISS) 3734-46 OA
COMPLETED 11-10-80

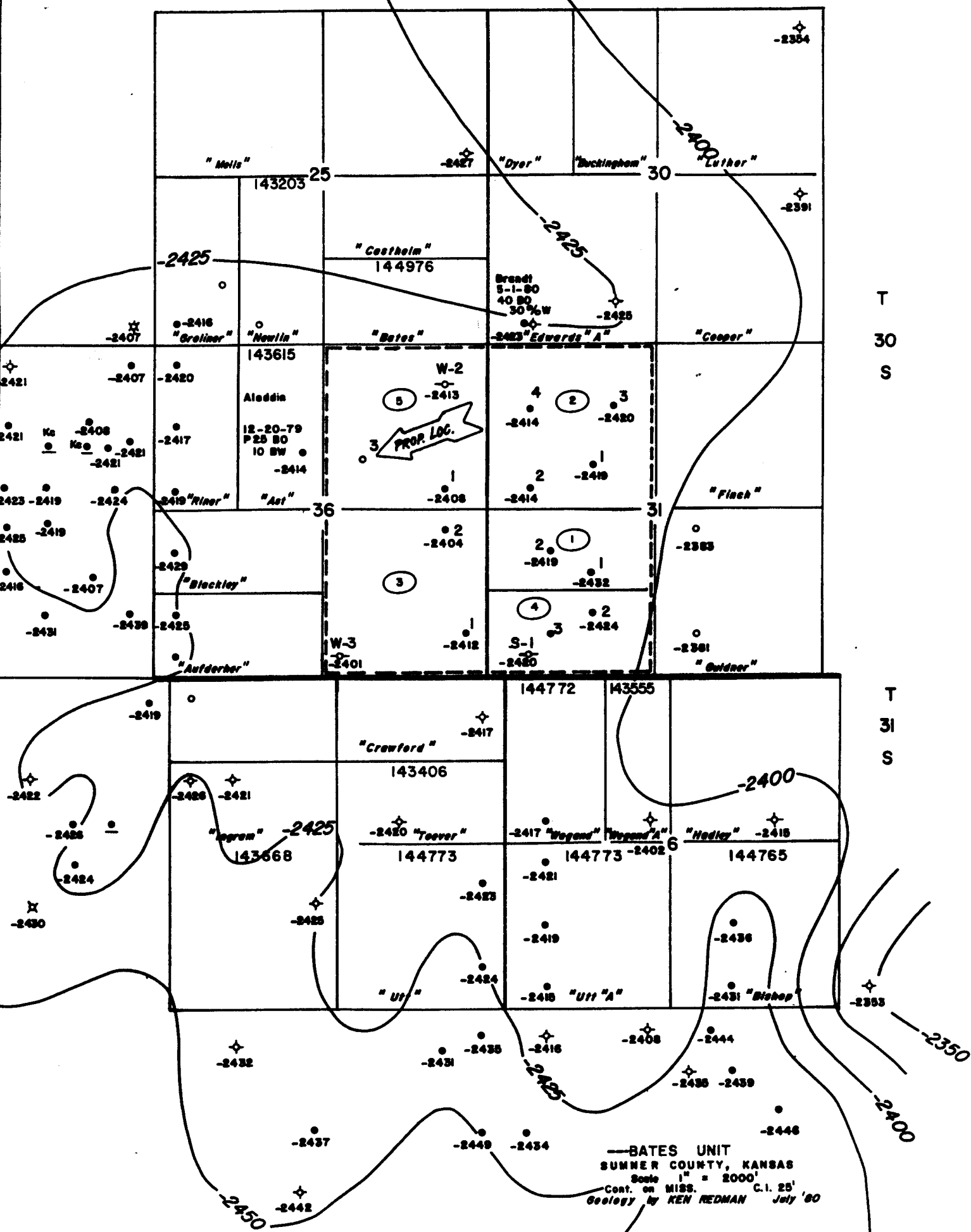


S-T-R 36-30S-2W WD
 LOC. C SW NE INIT.
 ELEV. 1315 KB, 1309 GR DO
 SUB STRUCTURE FIN.

KB LOG TOPS
 HOWARD 1911 - 596
 TOPEKA 2022 - 707
 HEEBNER 2447 - 1132
 STALNAKER 2832 - 1517
 LANSING 3066 - 1751
 B/KANSAS CITY 3300 - 1985
 MARMATON 3376 - 2061
 CHEROKEE 3560 - 2245
 MISS CH 3718 - 2403
 MISS LM 3742 - 2427
 RTD 3840 - 2525
 TD IN MISS

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Schlun

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ENGINEER
R. Beecher

BOPD

MCFD

BWPD

RATES UNIT
GREAT BEND, KANSAS

