

90404

MAP NO. _____ 2-10-61 ELEV. 3488KB 3486DF
 STATE Kansas COUNTY Morton SEC. 33 Twp 34 S Rge 41W
 OPERATOR Cities Service Petroleum Company * LOC. C NW SE
 WELL NO. 1 FARM NAME Renfrew "B" ** FT. FROM _____ LINE
 TOL Wilburton FT. FROM _____ LINE
 FR. 11-11-60 SPUD 11-13-60 COMP. 1-11-61

CONT./GEOL. Barbour Drilling Tools
 COMPLETION RECORD
 NAME PRODUCING INTERVAL FROM - TO PERF. W/HOLES TREATMENT RECORD
 a Topeka 3183-3216 108 4000 Ac
 b Morrow 4934-42 32 None
 c _____
 d _____
 I. P. OIL/DIST. WTR. COF GAS 8,500 M.C.F.P.D. _____ CHK. 2" HRS. _____
 b " F/240 BOPD " " " " 1/2" " 24
 c " " " " " " " "
 d _____

SIP# 417.4 (a) FI TP # 75 (b) FI CP# 180 (b) SIBHP _____
 D & A ()
 GOR. _____ GR. E 40° PBD 5045 TD 5320
 CASING - CEMENT RECORD
 SIZE DEPTH W/SAX. SIZE DEPTH W/SAX.
8-5/8" 1501 700 _____
5 1/2" 5118 500 _____

OPERATOR Cities Service PC WELL NO. 1 Renfrew "B" ELEV. 3488 KB

SAMPLE TOPS	DEPTH	SUB SEA	ELEC. TOPS	DEPTH	SUB SEA
Topeka	3158				
Heebner	3540				
Toronto	3552				
Lansing	3696				
Marmaton	3968				
Morrow	4798	1310			
Chester	5282				

* Formerly Cities Service Oil Company.
 ** Correct Farm name from # 3 Renfrew "A" to # 1 Renfrew "B"
 Spud 11-13-60. 8-5/8" @ 1501 w/700 sx.
 DST # 1 (Morr) 4933-85, op 1 hr, GTS 4 mins, ga 139 MCF/5 mins,
 TSTM/10 mins, OTS/?, no rec, FP 1475-1565, SIP 1585/20 min
 DST # 2 (Morr) 5024-60, op 12 mins, GTS 2 mins, ga 6000 MCF/12
 mins, rec 120' DCM, FP 1410-1530, SIP 1595/30 mins.
 RTD 5320, Elogs. 5 1/2" @ 5118 w/500 sx. MICT. CO to 5050.
 P/4/4962-64, Swb 60 GSWPH/4 hrs. SQ 4962-64 w/50 sx, CO to 4952
 P/32/4934-42. Flod 30 BOPH (Nat)/7 hrs, 1/2" ck. Set BP @ 3218.
 P/64/3200-16, 24/3190-96, 20/3183-88, 4000-15% Ac, rec 1d, ga
 8450 MCF. CO to 5045. Set 1" tbg @ 4930.

IP from Topeka (3183-3216) COF 8500 MCF, SIP 417.4, 2" ck.

IP from Morrow (4934-42) flod 240 BO/24 hrs. gty E. 40°, 1/4" ck,
FTP 75#, FCP 180#.

LIBERAL LOG TOPS

3488 KB

Topeka 3151 (+³³⁷339) ~~▲~~ 8.5 AA
Heebner 3540 (-50) -52
Toronto 3552 (-62) -64
Lansing 3696 (-206) -208
Marmaton 3968 (-498) 480
Morrow 4798 (-1308) 1310
Upper "L" 4930 (-1440) 45/58 ▲
Lower "L" 5021 (-1531) 74/74
"S-3" 5251 (-1761) brkn por/20 NT
"S-3" 5282 (-179A) 18/28 NT

TD 5320