

8-69W
MAP NO.

82

SEC. 4 TWP. 35S RGE. 41W

STATE Kans COUNTY Morton

LOC. C NW SE

OPERATOR Cities Service Pet. Co.

FT. FROM LINE

WELL NO. 4 FARM NAME Crawley "B"

FT. FROM LINE

OL Wilburton

ELEV. 3473 GR 3483 DF 3486 KB

4/11/62 SPUD 4/11/62 COMP. 8/7/62

CONT. Lohmann & Johnson tools /GEOL.

NAME PRODUCING INTERVAL		COMPLETION RECORD		TREATMENT RECORD	
	FROM - TO	PERF. W/HOLES			
a	Top	3286-98	48	5500	A
b					
c					
d	Swb Test:				

a I. P. OIL/DIST. 72 BO WTR. 8 BW GAS M.C.F.P.D. CHK. HRS. 24

b " " " " " "

c " " " " " "

d DUAL COMPLETION Future SWD in Morr Zone.

D & A ()

SIP# FI TP # FI CPH SIBHP

GOR. 50:1 GR. 36° PBTD TD 5335

SIZE	DEPTH	CASING - CEMENT RECORD	SIZE	DEPTH	W/SAX.
9 5/8" @	850	850			
6 5/8" @	5105	200			

OPERATOR Cities Service Pet. WELL NO. 4 Crawley "B" ELEV. 3486 KB

SAMPLE TOPS	DEPTH	SUB SEA	ELEC. TOPS	DEPTH	SUB SEA
KB Tops & Datums					
RTD (Morr)	5336		Top	3154	+ 332
			Hb	3548	- 62
Core #1 (Top)	3270-3303, R 6'		Lans	3702	- 216
sh, 5' Lm, no sho, 9' Lm,			Marm	3940	- 454
good por bled oil, 1' Lm,			Morr	4816	-1330
fair por & stain, 3' lm			Morr Sd	4958	-1472
bled oil, 2' lm, fair por			Morr Sd	5046	-1560
& stain, 7' lm, stain and			Morr Sd	5144	-1658
flor.			Morr Sd	5230	-1744
DST #1 (Top)	3282-3303, Op 1		Morr Sd	5270	-1784
hr, GTS/65", TSTM, R 240' HGC & MCO, IFP 17#, FFP 61#, FBHP 399#/15".					
Core #2 (Top)	3303-43, R 7' Lm, sli bled oil, 3' lm, no sho				
½' sh, 6' Lm bled O&G, 4' Lm bled O & G, 2' Lm w/stain					
& flor, 5½' Lm w/tr flor, no sho, 1½' lm, no sho.					
DST #2 (Top)	3304-43, Op 45", R 90' O&GCM, IFP 17#, FFP				
61#, FBHP 203#/15".					
DST #3 (Morr)	4966-85, Op 60", R 3380' SW, IBHP 1555#/17",				
IFP 1239#, FFP 1555#, FBHP 1555#/20".					

DST #4 (Mor) 5050-70, op 1 hr, FB/60 min, tool part plug,
rec 15' Mud, FP 0-0, FBHP 83/30:

RTD 5335, log, 6 5/8" @ 5105/200 sx., CO 5074, 8/4960-62,
64/4962-78 (Mor) sho gas, swb 35 BFPH, A/500 M, Swb
190 BXW/4½ hrs, frac/10,000 GXW x 5000 Sd, swb 35
BWP/10 hrs, no hso, PB 3450, perf 16/3320-24 (Top) no
sho, Nat. A/500 M, swb 4 BFPH, 95% wtr/3 hrs, SQ/3320-24,
w/75 sx, 48/3286-98 (Top), no sho, nat, A/500 (15%), swb 1d,
swb 3 BFPH, 60% wtr/1 hr, swb 18 BO + tr BS&W, NT,
A/1000 (15%), swb 2½ BFPH/1 hr, 3% wtr, swb 3 BOPH +
tr wtr/3 hrs, A/4000, swb 3 BFPH/1 hr, 5% wtr, CO 5955,
prod pkr @ 4950, swb 72 BOPD + 8 BWPD, GOR 50:1, gravity 36°,
from Topeka 3286-98, to be SWD in Morrow 4960-78. Injection
rate 1 1/8 BWPMIn, on Vac.

LIBERAL LOG TOPS

3486 KB

Topeka 3154 (+332)

"A" Zone 3282 (+204) ¢ \$ 72 BOPD + 8 BW

"B" Zone 3316 (+170)

Greenwood/Lansing 3450 (+36)

Heebner 3548 (-62)

Toronto 3564 (-78)

Lansing 3702 (-216)

Marmaton 3940 (-454)

Morrow 4816 (-1330)

Upper "L" 4958 (-1472) 19/24

Lower "L" 5046 (-1560) 11/18

"S-2" Sand 5144 (-1658) 1/9

"S-3" Sand 5230 (-1744) 8/24

"S-3" Sand 5270 (-1784) 34/44

TD 5335