

Geological Department
Cities Service Oil Company
 Box 1098
 Liberal, Kansas

3492 KB
 ELEV. 3489 DF, 3431GL

A-9-27
 MAP NO. _____
 STATE Kansas COUNTY Morton SEC. 4 Twp 35S Rge 41W
 OPERATOR Cities Service Petroleum Co. LOC. C NW NW
 WELL NO. #1 FARM NAME Crawley "B" * FT. FROM _____ LINE _____
 OL. Wilburton (PD 5250) FT. FROM _____ LINE _____
 FR. 7-13-61 SPUD 7-15-61 COMP. 8-23-61

CONT./GEOL. Lohman-Johnson Tools

NAME PRODUCING INTERVAL	COMPLETION RECORD		PERF. W/HOLES	TREATMENT RECORD
	FROM - TO			
a. <u>Morrow</u>	<u>4890-4900</u>	<u>40</u>	<u>None</u>	
b. <u>Morrow</u>	<u>4958-66</u>	<u>32</u>	<u>500Ac, F/3XL.25</u>	
c. _____	_____	_____	_____	
d. _____	_____	_____	_____	

I. P. OIL/DIST.	WTR.	GAS	M.C.F.P.D.	CHK.	HRS.
a. <u>F/372 BOPD</u>	_____	_____	_____	_____	<u>24</u>
b. <u>P/41 BOPD</u>	_____	_____	_____	<u>P</u>	<u>24</u>
c. _____	_____	_____	_____	_____	_____
d. _____	_____	_____	_____	_____	_____

SIP# _____ FI TP # _____ FI CP# _____ SIBHP _____
 GOR. _____ GR. 41° (a) = 35.6° (b) BTD 5023 TD 5224

SIZE	DEPTH	CASING - CEMENT RECORD	DEPTH	W/SAX.
<u>8-5/8"</u>	<u>1489</u>	<u>600</u>	_____	_____
<u>5-1/2"</u>	<u>5100</u>	<u>250</u>	_____	_____

OPERATOR Cities Service Petr. WELL NO. #1 Crawley "B" ELEV. 3492 KB

SAMPLE TOPS	DEPTH	SUB SEA	ELEC. TOPS	DEPTH	SUB SEA
<u>Topeka</u>	<u>3110</u>	_____	<u>Topeka</u>	<u>3115</u>	_____
<u>Morrow</u>	<u>4740</u>	_____	<u>Heebner</u>	<u>3496</u>	_____
<u>Morrow Sand</u>	<u>4857</u>	_____	<u>Toronto</u>	<u>3512</u>	_____
_____	_____	_____	<u>Lansing</u>	<u>3652</u>	_____
_____	_____	_____	<u>Marmaton</u>	<u>3930</u>	_____
_____	_____	_____	<u>Morrow</u>	<u>4728</u>	_____
_____	_____	_____	<u>Morrow Sand</u>	<u>4856-4912</u>	_____
_____	_____	_____	<u>Morrow Sand</u>	<u>4952-72</u>	_____
_____	_____	_____	<u>Morrow Sand</u>	<u>5052-60</u>	_____
_____	_____	_____	<u>Morrow Sand</u>	<u>5150-79</u>	_____
_____	_____	_____	<u>Keyes</u>	<u>5202</u>	_____

* Change farm name from #2 Crawley A to #1 Crawley "B".
 Spud 7-15-61. 8-5/8" @ 1489 w/600 sx.
 DST #1 (Morrow Sd) 4860-75, op 1 hr, GTS 2½ mins, TSTM, Rc 790'
 GCO / 20' G&OCM, ISIP 1520/20 mins, FP 125-320, FSIP 1275/20 mins.
 DST #2 (Morrow) 4953-75, op 1 hr, Rc 20' SO&GCM, ISIP 245/15 mins, FP 0, FSIP 130/20 mins.

DST #3 (Morrow) 5157-80, op 1 hr, rec 30' SO&GCMXW + 615' SGCXW,
FP 110-335, FSIP 1215/30 mins.

RTD 5224, logs (Sj). 5½" @ 5100 w/250 sx. MICT. CO 5067.

Lolo L - P 16/5054-58, 500 Ac, Swb ld/NS, rec 200' FIH/12 hrs, \$ 35 GWPH
/NT. Set BP @ 5030.

4p L - P 32/4958-66, Swb dry, later swb 1 GWPH w/scum oil, 500 Ac,
Swb 1½ BOPH (4% BS&W/8 hrs, frac 3000 oil X 4250 sd, rec
ld. swb 1.7 BOPH (4% wtr)/10 hrs. set plug @ 4930.

HP L - P 4/4890-4900, flod 171 BO/11 hrs, Gty 41°. Drove pl to 5023.
2" tbg & pkr @ 4920.

IP flod 372 BOPD, G. 41°, from Morrow 4890-4900.

IP Pump 41 BOPD, G. 35.6° from Morrow 4958-66.

8/23/61.

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LIBERAL LOG TOPS

Topeka 3115 (+377)

Heebner 3496 (-5)

Toronto 3512 (-20)

Lansing 3652 (-160)

Marmaton 3930 (-438)

Morrow 4728 (-1236)

Upper "L" 4856 (-1364) 60/66 ; ϕ 372 BOPD

Lower "L" 4952 (-1460) 15/20; ϕ 41 BOPD

"S-2" 5052 (-1560) 4/8

"S-3" 5150 (-1658) 12/29

Keyes 5202 (-1710) *NT*

TD 5224