

90096

A 9-244
 MAP NO. K-52
 STATE Kansas COUNTY Stanton SEC. 21 Twp 30 S Rge 39 W
 OPERATOR Pan American Petroleum Corporation LOC. SW NE NE
 WELL NO. 1 FARM NAME Harkrader GU "B" 1250 FT. FROM N LINE
 OF Unnamed (DP 5800) 1250 FT. FROM E LINE
 FR. 8-21-61 SPUD 8-19-61 COMP. 9-26-61 of Sec.

CONT./GEOL. Big Chief Drilling tools

NAME PRODUCING INTERVAL COMPLETION RECORD
 FROM - TO PERF. W/HOLES TREATMENT RECORD
 a. Council Grove 2735-92 64 R/ 30 X 24

b. _____
 c. _____
 d. _____

a. I. P. OIL/DIST. WTR. WHOF GAS 1,207 M.C.F.P.D. CHK. HRS.
 b. " " " " " "
 c. " " " " " "
 d. _____

SIP# 370 FI TP # _____ FI CP# _____ SIBHP _____ D & A ()

GOR. _____ GR. _____ PBDT _____ TD 5800

SIZE	DEPTH	CASING - CEMENT RECORD W/SAX.	SIZE	DEPTH	W/SAX.
<u>8-5/8"</u>	<u>1752</u>	<u>1000</u>			
<u>4 1/2"</u>	<u>2908</u>	<u>360</u>			

OPERATOR Pan Am Petroleum WELL NO. 1 Harkrader GU "B" ELEV. 3191 KB

SAMPLE TOPS	DEPTH	SUB SEA	ELEC. TOPS	DEPTH	SUB SEA
			Council Grove	2626	
			Pennsylvanian	3056	
			Missouri	3906	
			Des Moines	4542	
			Morrow	5234	
			Morrow Sand	5564-5635	
			Morrow Sand	5700-22	
			(poorly developed)		
			Chester	5722	
			Ste Genevieve	5734	

Spud 8-19-61. 8-5/8" @ 1752 w/100Q sx.
 TD 5800, logs. 4 1/2" @ 2908 w/360 sx. CO to 2838.
 P/16/2790-92, 32/2758-60, 16/2735-37. Frac 30,000 wtr X 24,000
 sd w/20 sealer balls. Ga 1140 MCF/20 hrs, 2" tbg + 10 BLW
 90,000 ppm). Ga 1215 MCF + 10 BLPH. Ga 1207 MCF + 1 1/2
 BEPH/10 hrs.

IP WHOF 1207 MCF, SICP 370, est del 500 MCF from Council Grove
 (2735-92).
 COMPLETE 9-26-61

LIBERAL LOG TOPS

3191 KB

Winfield 2408 (+783)

Council Grove 2654 (+537) g 1,207 MCF + $1\frac{1}{2}$ BWP/10 hrs
ø 1,207 MCF

Heebner 3820 (-629)

Toronto 3838 (-647)

Lansing 3926 (-735)

Marmaton 4540 (-1349)

Morrow 5239 (-2043) T 525', Tsd 74'

"S-3" 5564 (-2373) 6/37; NT

"S-3" 5619 (-2428) 8/15; NT

Keyes 5700 (-2509) 20/22; NT

Chester 5722 (-2531)

Ste. Gen 5764 (-2573)

TD 5800