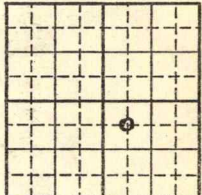


A-10-85

MAP NO. K-77 ELEV. 2961 KB
 STATE Kansas COUNTY Haskell SEC. 33 Twp 29S Rge 33W
 OPERATOR Pan American Petroleum Corp., Ulysses, Ks. loc. C NW SE
 WELL NO. 1 FARM NAME Miller Gas Unit "I" FT. FROM _____ LINE _____
 POOL Wildcat (PD 5900) FT. FROM _____ LINE _____
 FR. 8-23-61 SPUD. 8-19-61 COMP. 10-9-61

CONT./GEOLOGICAL Capitt Drig Tools Rig #3

NAME PRODUCING INTERVAL	COMPLETION RECORD		PERF. W/HOLES	TREATMENT RECORD
	FROM - TO			
a <u>Des Moines</u>	<u>4885-87</u>		<u>8</u>	<u>None</u>
b <u>Morrow</u>	<u>5309-11</u>		<u>16</u>	<u>1000Ac, F/25x20</u>
c _____				
d _____				



a	I. P. OIL/DIST.	WTR	WHOF	GAS	8400	M.C.F.P.D.	CHK.	HRS.
b	"	"	WHOF	"	4500	"	"	"
c	"	"	"	"	"	"	"	"
d								

SIP# 1210(a): 1255(b) FI TP# _____ FI CPH# _____ SIBHP _____
 GOR. _____ GR. 47.6° (a) PBTD 5415 TD 5900

SIZE	DEPTH	CASING - W/SAX.	CEMENT RECORD	SIZE	DEPTH	W/SAX.
<u>8 5/8"</u>	<u>1852</u>	<u>1000</u>				
<u>5 1/2"</u>	<u>5450</u>	<u>425</u>				

OPERATOR Pan American Petr. WELL NO. #1 Miller GU "I" ELEV. 2961 KB

SAMPLE TOPS	DEPTH	SUB SEA	ELEC. TOPS	DEPTH	SUB SEA
Lansing	4167		Base Ahydrite	1854	
			Chase	2643	
			Council Grove	2935	
			Missouri	4132	
			Lansing	4164	
			Des Moines	4754	
			Morrow	5220	
			Morrow Sand	5273-84	
			MorrowSand	5300-25	
			Morrow Sand	5350-60	
			Chester	5372	
			Ste Genevieve	5430	
			St. Louis	5564	
			Salem	5730	

Spud 8-19-61. 8 5/8" @ 1852 w/1000 sx.
 DST #1 (Lansing) 4158-88, op 1 hr, Rc 270' O&GCM (9000 ppm),
 ISIP 1175/NT, FP 50-157, FSIP 1025/NT.
 DST #2 (Lansing) 4422-45, op 1 hr, GTS/30 mins, Ga 1240 MCF/
 60 mins, Rc 70' O&GCM + 1642' free oil + 1046 wtr, ISIP

A-10-85

SHEET NO. 2

MAP NO.

STATE Kansas COUNTY Haskell SEC. 33 Twp 29S Rge 33W

OPERATOR Pan American Petr. Corp. LOC. C NW SE

WELL NO. 1 FARM NAME Miller Gas Unit "I"

1290/30 mins, FP 489-1272, FSIP 1250/30 mins.

DST #3 (Morrow) 5282-5330, op 1 hr, GTS 7 mins, Ga 1020 MCF/60 mins, Rc 90' GCM + 275' VHO&GCM, ISIP 1561/30 mins, FP 339-350, FSIP 1551/30 mins.

DST #4 (Morrow) 5342-82, op 1 hr, Rc 25' SO&GCM, ISIP 350/30 mins, FP 28-35, FSIP 586/30 mins.

RTD 5900. Logs (Sj).

WLT #1 (Des Moines) @ 4886, op 15 mins, Rc 0.3 CFG + 20,800 cc wtr w/slt flor, ISIP 1475/5 mins, FP 0-1450, FSIP 1450/6 mins.

WLT #2 (Des Moines) @ 4923, op 1 hr, no rc, ISIP 1310/25 mins, FP less than 50, FSIP 1475/35 mins.

WLT #3 (Lansing) @ 4436, op 45 mins, Rc 20,800 cc wtr, ISIP 1280/10 mins; FP 0-1310, FSIP 1310/37 mins.

WLT #4 (Lansing) @ 4426, op 38 mins, Rc 20,600 wtr w/scum oil, ISIP 1325/10 mins, FP 0-1325, FSIP 1329/30 mins.

WLT #5 (Morrow) @ 5278, op 1 hr, no rec, all press 0.

WLT #6 (Lansing) @ 4672, op 1 hr, Rc 200 cc wtr (8% Fm wtr),

OPERATOR Pan American Petr. Corp. WELL NO. #1 Miller Gas Unit "I"

ISIP 1375/15 mins, FP 0, FSIP 1530/30 mins.

WLT #7 (Lansing) @ 4218, op 1 hr, Rc 5500 cc wtr (9% Fm wtr), ISIP 1220/5 mins, FP less than 50, FSIP 1190/10 mins.

WLT #8 (Lansing) @ 4167, op 1 hr, Rc 250 cc oil + 9750 cc wtr (5% Fm wtr), ISIP 1250/15 mins, FP less than 50, FSIP 1250/10 mins.

WLT #9 (Council Grove) @ 3028, op 25 mins, Rc 20,800 cc wtr, (less than 5% Fm wtr), ISIP 0/18 mins, FP 0-640, FSIP 640/19 mins.

5½" @ 5450 w/425 sx. DV @ 4563. MICT. CO to 5415.

P/16/5309-11, Ga 738 MCF/7 hrs, 1000 Ac, Frac 25,000 wtr X 18,000 sd + 2000# Walnut hulls.

P/8/4423-24, Set BP @ 5200. Swb 36 BO (Gty 60° @ 32° F) + 42 BW (89,000 ppm)/7 hrs. Swb 30 BO + 129 BW/14 hrs. SQ 4423-24 w/100 sx.

P/8/4421-22, 500-15% Ac, Swb 118 BL + 18 BW + 7 BNO/8 hrs. FL 3500. Swb 50 BO + 178 BW/21 hrs (85,000 ppm). Swb 59 BO + 216 bbls Fm wtr/NT. SQ 4421-22 w/100 sx. CO to 5415.

P/16/4166-68, Swb dry, 500 Ac, Swb 1d. Swb 6 BO + 6 BW/1 hr Swb 24 BO + 216 BW/NT. SQ 4166-68 w/100 sx. CO to 5415.

P/8/4885-87, 3 hr Ga 7592 MCF, FCP 600, Later Ga 6229 MCF +

2½ BOPH, Gty 47.6°, GOR 10,381. Set 2 1/16" tbg & pkr @
5200. Dual 2 1/16" tbg @ 4875. g 2735 MCF + 13.2 BO/Mil.
Gty 47.6°.

IP WHOF 8400 MCF+ 13.2 BO/Mil, Gty 47.6°, SITP 1210 from
Des Moines 4885-87.
IP WHOF 4500 MCF, FTP 700, SITP 1255, from Morrow 5309-11.
DUAL COMPLETION.

LIBERAL LOG TOPS

2961 KB

Winfield 2717 (+241)
Council Grove 2952 (+9) WLT filt Wtr (5% form wtr)
Heebner 4076 (-1115)
Toronto 4096 (-1135)
Lansing 4164 (-1203) "A" tst O&GCM; "A₁" tst 9% form wtr;
"C" \$ 7 BO + 18 BW/8 hrs.
Marmaton 4754 (-1793) ϕ WHOF = 8,400 MCF + 13.2 BO/Mil.
Morrow 5222 (-2261)
"S₂" Sand 5273 (-2312) 6/11
"S₂" Sand 5300 (-2339) 9/22; ϕ 4,500 MCF
"S₂" Sand 5350 (-2389) 4/10; tst SO&GCM
Chester 5370 (-2409)
Ste. Gen ~~5380~~ (-2487) 5448
St. Louis 5564 (-2603)
TD5900

5448
2961
—
2487