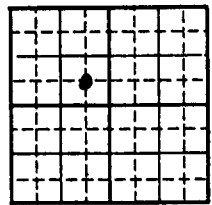


3-78W
 MAP NO. _____ SEC. 3 TWP. 32S RGE. 33W
 STATE Kans COUNTY Seward LOC. C SE NW
 OPERATOR Pan American Pet. Corp. FT. FROM _____ LINE
 WELL NO. 1 FARM NAME Z. M. Hille FT. FROM _____ LINE
 Ang ELEV. 2889 GR. 2895 DF. 2897 KB
 FR. 12/4/61 SPUD. 12/6/61 COMP. 3/6/62
 CONT. Big Chief Drlg. Tools /GEOL. _____



| NAME PRODUCING INTERVAL | | COMPLETION RECORD | | PERF. W/HOLES | | TREATMENT RECORD | |
|-------------------------|--|-------------------|--|---------------|--|------------------|--|
| FROM - TO | | | | | | | |
| Chester | | 5703-95 | | 8 | | 5000A | |
| b | | | | | | | |
| c | | | | | | | |
| d | | | | | | | |

d State Pol. Cal P
 I. P. OIL/DIST. 134 BO WTR. 7 BW GAS M.C.F.P.D. CHK. HRS. 24

SIP# _____ FI TP # _____ FI CPH _____ SIBHP _____
 D & A ()
 GOR. GR. 35° PBDT 5760 TD 6000

| SIZE | DEPTH | CASING - W/SAX. | CEMENT RECORD SIZE | DEPTH | W/SAX. |
|--------|-------|-----------------|--------------------|-------|--------|
| 8-5/8" | 664 | 500 | | | |
| 5 1/2" | 5970 | 350 | | | |

OPERATOR Pan American Pet. WELL NO. 1 Z. M. Hille ELEV. 2897 KB

| SAMPLE TOPS | DEPTH | SUB SEA | ELEC. TOPS | DEPTH | SUB SEA |
|--|-------|---------|------------|---------------|---------|
| KB Tops & Datums | | | | | |
| No Sample Tops | | | CG | 2994 | - 99 |
| | | | Penn | 3379 | - 484 |
| | | | Tor | 4253 | -1358 |
| RTD (St L) 6000 | -3105 | | Mo | 4342 | -1447 |
| | | | Des M | 4950 | -2055 |
| WLT #1 (Chest) 5702, | | | Morr | 5497 | -2602 |
| Op 10", R 3.1 cfg + | | | Morr Sd | 5611-20 | -2716 |
| 6445 cc Oil, 9055 cc | | | Chest Lm | 5670 | -2775 |
| wtr (5% FW) IBHP 1830#/1", | | | Chest Sd | 5698-5708 | -2803 |
| SP 0-1830#, FBHP 1830#/10", | | | St Gen | 5786 | -2891 |
| WLT #2 (Des M) 5013, Op 10", | | | St L | 5890 | -2995 |
| R .42 cfg + .42 cf shot | | | LTD (St L) | not available | |
| gas + 20,000 cc wtr | | | | | |
| (10% FW) IBHP 1590#/1", SP 0-1500#, FBHP 1500#/10" | | | | | |
| WLT #3 (Des M) 4973, Op 1 hr., R .6 cf shot gas + 900 cc wtr | | | | | |
| (8% FW), IBHP 0#/15", SP 50#, FBHP 0#/15" | | | | | |
| WLT #4 (Mo) 4392 1/2, Op 40", R .2 cg shot gas + 20,700 cc wtr | | | | | |
| IBHP 1230#/2", SP 0-300#, FBHP 1230#/1" | | | | | |
| 5 1/2" @ 5970. CO 5970. 8/5891-92 (St L) 500A, 15%, Swb 155 | | | | | |

Cons

61730.8

BLW + 55 BFW/24 hrs, sliscum oil, no gas, PB 5880, P 8/5820-22
5/6 (Chest) A/1000, swb 100 BLW/6 hrs, no sho, A/4000, swb ld w/sli shc
oil, PB 5810, P 16/5770-74^{ch} A/1000, swb ld, + swb 10 BFW/13 hrs,
NS, Clor 88,000 ppm, PB 5760, 8/5703-05^{ch}, swb 88 BO + ld/6 hrs,
swb 14 BOPH, G. 32°, NW from 5703-05, 8/5008-10^{ch} (Des Mo) (SP)
swb 16 BLO + 15 BFW/2 hrs, SQ/5008-10, 50^{ch} sx, 8/4970-72, swb
60 BFW/16 hrs, No sho, SQ/4970-72/100 sx, CO 5760, swb 210 BLW +
tr oil + sli sho gas/24 hrs, from 5703-05, swb 1½ BOPH + 3% wtr/NI
swb 40 BO/8 hrs, A/5000, 5703-05, ld hole w/120 BO, swb 70 BLO + 9
BLW/6 hrs, swb 260 BXW/24 hrs, sp 5100-4994, swb 5008-10^{ch}, swb 10
BXWPH, Sq on 5008-10, did not hold, re-sq 4970-72 & 5008-10, w/
150 sx, CO 5760 PBTD, swb ld, swb 80 BO/16 hrs (new) 5703-05, flo
145 BO + 3% BS&W/18 hrs, flo 25 BO/2 hrs, G. 35°, flo 40 BO/3 hrs,
died, flo 60 BO/4 hrs, died, ran T & R, flo 53 BO + 3 BW, 2" tbg,
flo 162 BOPD + 9 BWPD.
State Pot: (8 hr pmp rate) Cal P 134 BOPD + 7 BWPD, G. 35°,
Chester 5703-05.

LIBERAL ELECTRIC LOG TOPS

2897 KB

Winfield 2758 (+139)
Council Grove 2960 (-63)
Heebner 4226 (-1329)
Toronto 4252 (-1355)
Lansing 4342 (-1445) WLT wtr
Marmaton 4950 (-2053) \$ 12 BW + 16 BLO
Morrow 5498 (-2601)
"S-2" 5594 (-2697) 0/20
Chester 5638 (-2741)
Sand 5698 (-2801) 4/10; \$ 134 BO/24 hrs
Ste. Gen 5786 (-2889) \$ ld + SSO
St. Louis 5890 (-2993) \$ ld *+ scum oil
Td 6000