

90107 fr Log

MAP NO. \_\_\_\_\_ ELEV. **3299DF, 3302RB**  
STATE **Kansas** COUNTY **Morton** SEC. **15** Twp **31S** Rge **40W**  
OPERATOR **Pan American Petroleum Corp.** LOC. **C SW NE**  
WELL NO. **1** FARM NAME **Atkinson GU "B"** FT. FROM \_\_\_\_\_ LINE \_\_\_\_\_  
**Kinsler South** FT. FROM \_\_\_\_\_ LINE \_\_\_\_\_  
**10-6-60** SPUD **10-3-60** COMP. **12-8-60**

CONT./GEOL. **Cappitt Drilling Tools**  
COMPLETION RECORD  
NAME PRODUCING INTERVAL FROM — TO PERF. W/HOLES TREATMENT RECORD  
a **Morrow** **5467-69** **16** **Wtr Frac**  
b **Morrow** **5402-05** **24** **20x15**  
c \_\_\_\_\_  
d \_\_\_\_\_  
e I. P. OIL/DIST. **WTR. COF** GAS **8112** M.C.F.P.D. \_\_\_\_\_ CHK. **2-3/8"** HRS. **24**  
b " " " " " "  
c " " " " " "  
d **Deliverability 3060 MCFGPD**

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SIP# **1250** FI TP # \_\_\_\_\_ FI CP# \_\_\_\_\_ SIBHP \_\_\_\_\_  
GOR. \_\_\_\_\_ GR. \_\_\_\_\_ PBDT **5506** TD **5950**  
CASING - CEMENT RECORD  
SIZE DEPTH W/SAX. SIZE DEPTH W/SAX.  
**8 5/8"** **700** **400** **2 3/8" tbg** **5396**  
**4 1/2"** **5650** **100** \_\_\_\_\_

| OPERATOR <b>Pan American Petr.</b> WELL NO #1 <b>Atkinson GU "B"</b> ELEV. <b>3299DF</b> |       |         |                       |             |                   |
|------------------------------------------------------------------------------------------|-------|---------|-----------------------|-------------|-------------------|
| SAMPLE TOPS                                                                              | DEPTH | SUB SEA | ELEC. TOPS            | DEPTH       | SUB SEA           |
|                                                                                          |       |         | <b>Council Grove</b>  | <b>2690</b> | <b>2602 + 704</b> |
|                                                                                          |       |         | <b>Pennsylvanian</b>  | <b>3006</b> |                   |
|                                                                                          |       |         | <b>Topeka</b>         | <b>3276</b> | <b>+ 78</b>       |
|                                                                                          |       |         | <b>Missourian</b>     | <b>3792</b> | <b>46 - 425</b>   |
|                                                                                          |       |         | <b>Des Moines</b>     | <b>4483</b> |                   |
|                                                                                          |       |         | <b>Morrow</b>         | <b>5130</b> |                   |
|                                                                                          |       |         | <b>Chester</b>        | <b>5500</b> |                   |
|                                                                                          |       |         | <b>Ste. Genevieve</b> | <b>5606</b> |                   |
|                                                                                          |       |         | <b>St. Louis</b>      | <b>5720</b> |                   |
|                                                                                          |       |         | <b>Salem</b>          | <b>5868</b> |                   |

LC @ 4936', stuck drilling pipe, rec. TD 5950', ran log, 4 1/2"  
@ 5650 w/225 sx. CO 5588.  
P/16/5551-53 (Chester) NS, 1000 A-15%, Max trt pr 2000, Final 1700-900, rec ld, Frac 10,000 trtd wtr + 5,000 sd, max pr 3500, min pr 2800. 407 bbls total ld. Rec 168 BLW, RP 5506.  
P/16/5467-69 (Morrow), Flo gas Nat, NT.  
P/24/5402-05 (Morrow), ga 2,000 MCFGPD Nat. Wtr frac 20,000 gal X 15,000 sd + 20 ball sealers. Max trt pr 3200, final 2000, rec ld, ga 9200 MCFG thru 4 1/2" csg/9 hr. COF 8112 MCFGPD.  
Deliverability 3060 MCFGPD. From Morrow 5402-69 O/A.

## LIBERAL ELECTRIC LOG TOPS

3302 KB

Winfield 2360 (+942)

Council Grove 2602 (+700)

Topeka 3274 (+28)

Heebner 3746 (-444)

Toronto 3764 (-462)

Lansing 3854 (-552)

Marmaton 4484 (-1182)

Morrow 5130 (-1828)

"S-2" Sand 5228 (-1926) 0/12, NT

"S-3" Sand 5396 (-2094) 7/12/COF = 8,112 MCF

"S-3" Sand 5454 (-2152) 4/16/

Chester 5506 (-2204)

Sand 5546 (-2244) 1/14; Perf &amp; trt'd; rec part ld. NS

St. Gen 5604 (-2302)

St. Louis 5726 (-2424)

Salem (Op) 5868 (-2566)

RTD 5952

5382  
3285-  
2094