

26-27s-19w

# Superior Testers Enterprises, Inc.

R.R. 3, Box 295B, Great Bend, Kansas 67530  
(316) 792-6902

Date 1-16-05 Location 26-27s-19w Elevation 2225 County Kiowa

Company TGT Petroleum Corp. Number of Copies 5

Charts Mailed to 7570 N. 21st - Bldg 1010-D Wichita KS 67205

Drilling Contractor Pickrell Drilling Rig #1

Length Drill Pipe 4399 I.D. Drill Pipe 3.9 Tool Joint Size 4 1/2 x H

Length Weight Pipe None I.D. Weight Pipe None Tool Joint Size None

Length Drill Collars 281 I.D. Drill Collars None Tool Joint Size 4 1/2 x H

Top Packer Depth 4701 Bottom Packer Depth None Number of Packers 1 Packer Size 6 3/4

TESTED FROM 4701 TO 4762 ANCHOR LENGTH 61 TOTAL DEPTH 4762 Hole Size 7 7/8

CASE & WELL NO. End Wrench #4 FORMATION TESTED Cherokee TEST NO. 2

Fluid Weight 9.2 Viscosity 42 Water Loss 14.2 Chlorides - Pits 22,000 D.S.T. None

Maximum Temp. None °F Initial Hydrostatic Pressure (A) None P.S.I. Final Hydrostatic Pressure (H) None P.S.I.

Open I.F.P. from 6:05 m to 6:40 m 35 min

Closed I.C.I.P. from 6:40 m to 7:25 m 45 min

Open F.F.P. from 7:25 m to 7:55 m 30 min

Closed F.C.I.P. from 7:55 m to 8:40 m 45 min

from [B] \_\_\_\_\_ P.S.I. to [C] \_\_\_\_\_ P.S.I.  
[D] \_\_\_\_\_ P.S.I.  
from [E] \_\_\_\_\_ P.S.I. to [F] \_\_\_\_\_ P.S.I.  
[G] \_\_\_\_\_ P.S.I.

Initial Blow Strong blow less than a minute NO GAS

Final Blow \_\_\_\_\_  
Total Feet Recovered 2580 Gravity of Oil \_\_\_\_\_ Corrected \_\_\_\_\_

|                    |                 |                 |                  |                   |
|--------------------|-----------------|-----------------|------------------|-------------------|
| <u>420</u> Feet of | <u>10</u> % Gas | <u>90</u> % Oil | <u>90</u> % Mud  | <u>0</u> % Water  |
| <u>480</u> Feet of | <u>25</u> % Gas | <u>15</u> % Oil | <u>600</u> % Mud | <u>0</u> % Water  |
| <u>480</u> Feet of | <u>40</u> % Gas | <u>30</u> % Oil | <u>15</u> % Mud  | <u>15</u> % Water |
| <u>540</u> Feet of | <u>30</u> % Gas | <u>35</u> % Oil | <u>10</u> % Mud  | <u>25</u> % Water |
| <u>540</u> Feet of | <u>35</u> % Gas | <u>35</u> % Oil | <u>15</u> % Mud  | <u>20</u> % Water |
| <u>120</u> Feet of | <u>15</u> % Gas | <u>30</u> % Oil | <u>45</u> % Mud  | <u>10</u> % Water |
| _____ Feet of      | _____ % Gas     | _____ % Oil     | _____ % Mud      | _____ % Water     |
| _____ Feet of      | _____ % Gas     | _____ % Oil     | _____ % Mud      | _____ % Water     |
| _____ Feet of      | _____ % Gas     | _____ % Oil     | _____ % Mud      | _____ % Water     |

Remarks \_\_\_\_\_

Extra Equipment - Jars YES Safety Joint YES Extra Packer \_\_\_\_\_ Straddle \_\_\_\_\_ Hook Wall \_\_\_\_\_

Top Recorder No. 4023 Clock No. Electronic Depth 4758 Cir. Sub \_\_\_\_\_ Sampler \_\_\_\_\_

Bottom Recorder No. 3088 Clock No. 47441 Depth 4759 Insurance \_\_\_\_\_

Price of Job \_\_\_\_\_

Tool Operator \_\_\_\_\_

Approved By \_\_\_\_\_

Superior Testers Enterprises, Inc. shall not be liable for damage of any kind to the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

NO 14534

# SUPERIOR TESTERS ENTERPRISES INC.

(800)792-6902

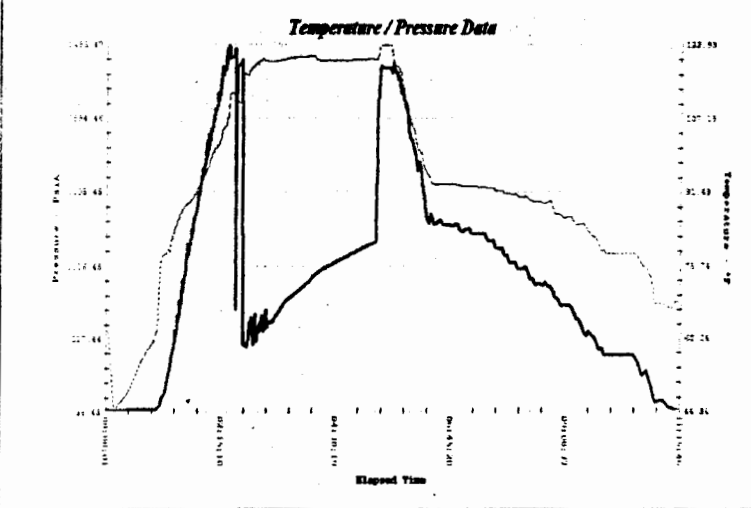
## DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530

Company: TGT PETROLEUM CORP  
TWP. 27S RGE. 19W

Lease & Well No. END WRENCH #4

Test #: 2 Date: 01-16-2006 SEC. 26



- 1 Initial Hydrostatic Pressure
- 2 Initial Flow Pressure
- 3 Final Initial Flow Pressure
- 4 Initial Shut-In Pressure
- 5 Initial Final Flow Pressure
- 6 Final Flow Pressure
- 7 Final Shut-In Pressure
- 8 Final Hydrostatic Pressure

Maximum Temperature

**GENERAL INFORMATION**

COMPANY NAME ..... TGT PETROLEUM CORP.  
 TEST DATE ..... 1/16/06  
 SECTION-TOWN-RANGE ..... 26-27S-19W  
 STATE ..... KANSAS  
 COUNTY ..... IOWA  
 ELEVATION GROUND LEVEL ..... 2225  
 COMPANY REPRESENTATIVE ..... JEFF CRISTIAN

LEASE AND WELL NUMBER ..... END WRENCH #4  
 FORMATION TESTED ..... CHEROKEE  
 DRILL STEM TEST NUMBER ..... 2  
 REPORT NUMBER ..... 14534  
 ELEVATION KELLY BUSHINGS ..... 2230  
 TESTING ENGINEER ..... JARED SCHECK

**TOOL SETTING INFORMATION**

TEST INTERVAL (From) ..... 4701  
 TEST INTERVAL (to) ..... 4762  
 ANCHOR LENGTH ..... 61  
 TOTAL DEPTH (ft) ..... 4762

TOP PACKER DEPTH ..... 4701  
 BOTTOM PACKER DEPTH .....  
 NUMBER OF PACKERS ..... 1  
 PACKER SIZE ..... 6 3/4  
 HOLE SIZE ..... 7 7/8

**FLOW TIMES**

TOOL OPEN (from) ..... 6:05  
 INITIAL OPEN TOOL OPEN (to) ..... 6:40  
 DURATION (min.) ..... 35

TOOL OPEN (from) ..... 7:25  
 FINAL OPEN TOOL OPEN (to) ..... 7:55  
 DURATION (min.) ..... 30

TOOL CLOSED (from) ..... 6:40  
 INITIAL SHUT-IN TOOL CLOSED (to) ..... 7:25  
 DURATION (min.) ..... 45

TOOL CLOSED (from) ..... 7:55  
 FINAL SHUT-IN TOOL CLOSED (to) ..... 8:40  
 DURATION (min.) ..... 45

**INITIAL FLOW**      **STRONG FLOW LESS THAN ONE MINUTE NO GAS**

**FINAL FLOW**      **STRONG FLOW IN FIVE MINUTES NO GAS**

| FEET OF Recovery | RECOVERY DESCRIPTION | % GAS | % OIL | % MUD | % WATER |
|------------------|----------------------|-------|-------|-------|---------|
| 1) 420           |                      | 10    |       | 90    |         |
| 2) 480           |                      | 25    | 15    | 60    |         |
| 3) 480           |                      | 40    | 30    | 15    | 15      |
| 4) 540           |                      | 30    | 35    | 10    | 25      |
| 5) 540           |                      | 35    | 35    | 15    | 20      |
| 6) 120           |                      | 15    | 30    | 45    | 10      |

# SUPERIOR TESTERS ENTERPRISES INC.

## DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530 (800)792-6902

### GENERAL INFORMATION

COMPANY NAME ..... TGT PETROLEUM CORP.  
TEST DATE ..... 1/16/06  
SECTION-TOWN-RANGE ..... 26-27S-19W  
STATE ..... KANSAS  
COUNTY ..... KIOWA  
ELEVATION GROUND LEVEL ..... 2225  
COMPANY REPRESENTATIVE ..... JEFF CRISTIAN

LEASE AND WELL NUMBER ..... END WRENCH #4  
FORMATION TESTED ..... CHEROKE  
DRILL STEM TEST NUMBER ..... 2  
REPORT NUMBER ..... 14534  
ELEVATION KELLY BUSHINGS ..... 2230  
TESTING ENGINEER ..... JARED SCHECK

### EXTRA EQUIPMENT

JARS ..... YES  
SAFETY JOINT ..... YES  
ELECTRONIC RECORDER ..... YES  
CIRCULATING SUB ..... NO  
175 MILES ROUND TRIP FROM  
TOP RECORDER DEPTH ..... 4758  
RECORDER NUMBER ..... 91981

EXTRA PACKER (3RD) ..... NO  
EXTRA PACKER (4TH) ..... NO  
STRADDLE ..... NO  
HOOK WALL ..... NO  
SAMPLER ..... NO  
BOTTOM RECORDER DEPTH ..... 4759  
RECORDER NUMBER ..... 5463

### WELL INFORMATION

DRILLING CONTRACTOR ..... PICKRELL DRILLING RIG #1  
DRILL PIPE LENGTH ..... 4399  
DRILL PIPE I.D. ..... 3.8  
TOOL JOINT SIZE ..... 4 1/2 X.H.

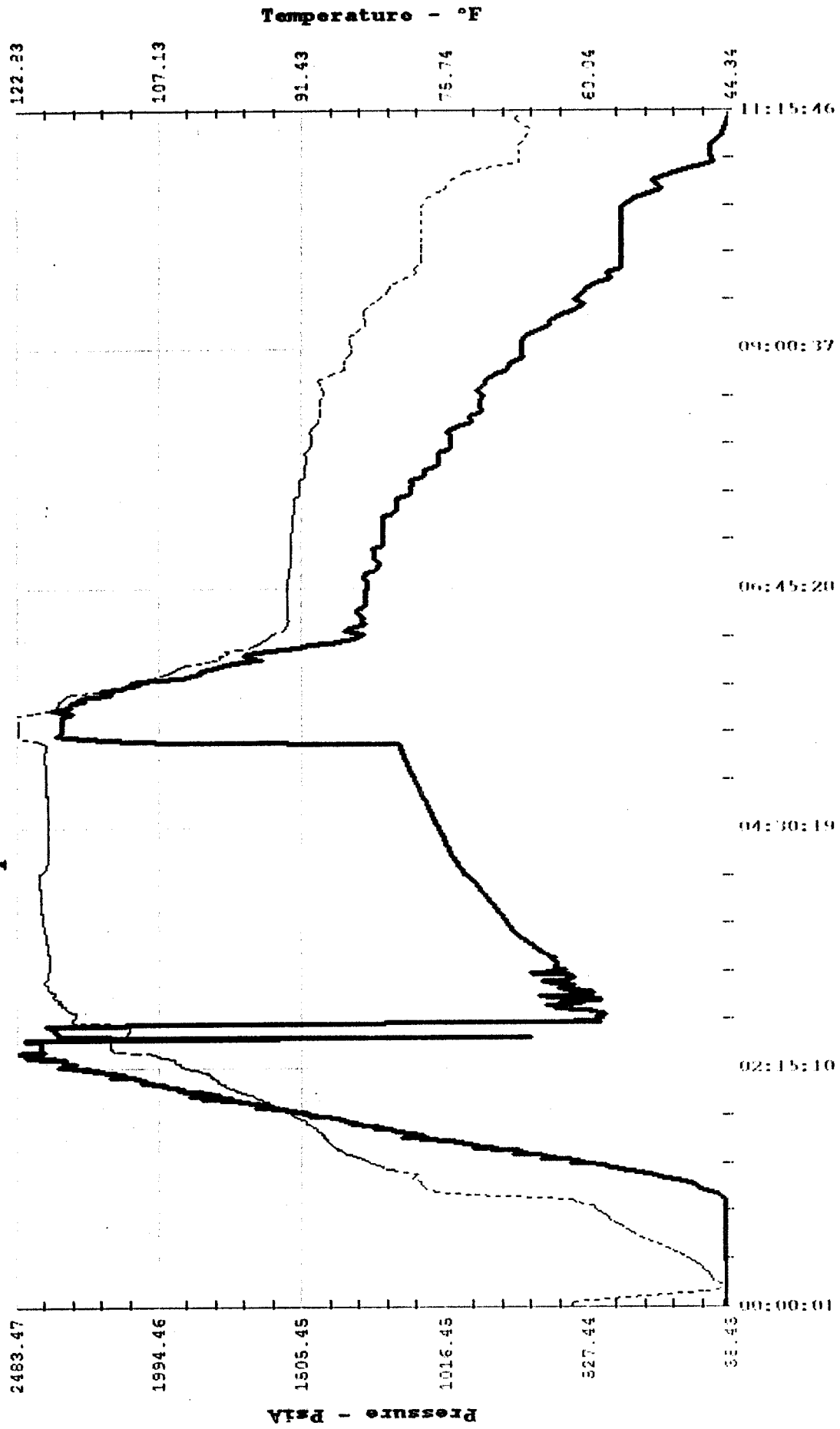
WEIGHT PIPE LENGTH ..... NONE  
WEIGHT PIPE I.D. ..... 2.25  
TOOL JOINT SIZE ..... 4 1/2 X.H.

DRILL COLLAR LENGTH ..... 281  
DRILL COLLAR I.D. ..... 2.25  
TOOL JOINT SIZE ..... 4 1/2 X.H.

MUD WEIGHT #/GAL ..... 9.2  
VISCOSITY ..... 42  
WATER LOSS ..... 14.2  
CHLORIDES-PITS ..... 22,000  
CHLORIDES-DST .....

### COMMENTS

# Temperature / Pressure Data



TGT PETROLEUM CORP    END WRENCH #4    26-27S-19W    01-16-2006

# Superior Testers Enterprises, Inc.

R.R. 3, Box 295B, Great Bend, Kansas 67530

(316) 792-6902

Date 1-17-05 Location 26'-27s 19w Elevation 62225 County Kiowa KB 2270

Company TGT Petroleum Corp. Number of Copies 5

Charts Mailed to 7576 N 21st - Bldg. 1010 D Wichita KS 67205

Drilling Contractor Pickren Drilling Rig #1

Length Drill Pipe 4140 I.D. Drill Pipe 3.86 Tool Joint Size 4 1/2 XH

Length Weight Pipe NONE I.D. Weight Pipe \_\_\_\_\_ Tool Joint Size \_\_\_\_\_

Length Drill Collars 291 I.D. Drill Collars 2.25 Tool Joint Size 4 1/2 XH

Top Packer Depth 4782 Bottom Packer Depth \_\_\_\_\_ Number of Packers 1 Packer Size 6 3/4

TESTED FROM 4782 TO 4822 ANCHOR LENGTH \_\_\_\_\_ TOTAL DEPTH 4822 Hole Size 7 1/8

EASE & WELL NO. End wrench #4 FORMATION TESTED MISSISSIPPE TEST NO. 3

Mud Weight 9.1 Viscosity 45 Water Loss 12.8 Chlorides - Pits 33,000 D.S.T. \_\_\_\_\_

Maximum Temp. 118 °F Initial Hydrostatic Pressure (A) 2526 P.S.I. Final Hydrostatic Pressure (H) 2462 P.S.I.

Tool Open I.F.P. from 11:30 m to 12:00 m 30 min

Tool Closed I.C.I.P. from 12:00 m to 12:30 m 30 min

Tool Open F.F.P. from 12:30 m to 1:00 m 30 min

Tool Closed F.C.I.P. from 1:00 m to 1:30 m 30 min

Initial Blow weak blow dead after 5 minutes

Final Blow NO blow flushed tool still no blow

Total Feet Recovered 200 Gravity of Oil \_\_\_\_\_ Corrected \_\_\_\_\_

200 Feet of Barry man % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Water \_\_\_\_\_

Feet of \_\_\_\_\_ % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Water \_\_\_\_\_

Feet of Hit a Bridge at 90 feet of Bottom % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Water \_\_\_\_\_

Feet of opened tool to get through % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Water \_\_\_\_\_

Feet of tool slid off 5 on the last 150 % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Water \_\_\_\_\_

Feet of rest to Bottom SLIDE 2-3 % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Water \_\_\_\_\_

Feet of rest above 600 to bottom % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Water \_\_\_\_\_

Feet of Flushed tool 4 times NEAR % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Water \_\_\_\_\_

Feet of SKIPPED Slurries on the chart % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Water \_\_\_\_\_

Remarks \_\_\_\_\_

Extra Equipment - Jars YES Safety Joint YES Extra Packer \_\_\_\_\_ Straddle \_\_\_\_\_ Hook Wall \_\_\_\_\_

Top Recorder No. 91981 Clock No. Electronic Depth 4818 Cir. Sub \_\_\_\_\_ Sampler \_\_\_\_\_

Bottom Recorder No. 5463 Clock No. 47491 Depth 4819 Insurance \_\_\_\_\_

Price of Job \_\_\_\_\_

Tool Operator MAN MAN RIG

Approved By \_\_\_\_\_ No 14563

|   |
|---|
| from [B] <u>163</u> P.S.I. to [C] <u>291</u> P.S.I. |
| [D] <u>290</u> P.S.I.                               |
| from [E] <u>271</u> P.S.I. to [F] <u>245</u> P.S.I. |
| [G] <u>331</u> P.S.I.                               |

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# SUPERIOR TESTERS ENTERPRISES L.L.C.

(800)792-6902

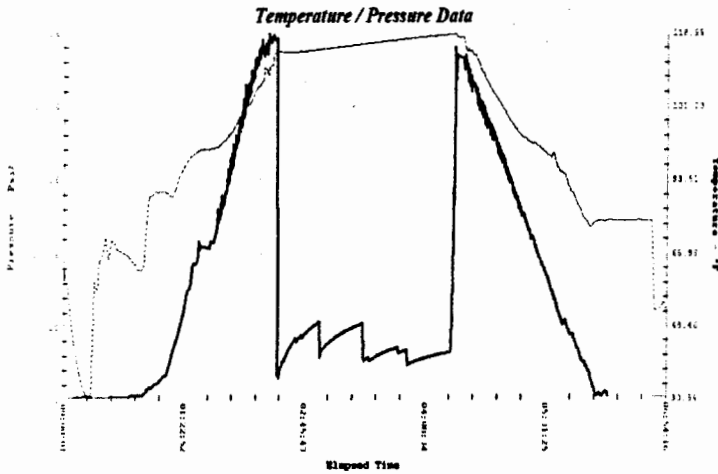
## DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530

Company: TGT PETROLEUM CORP  
TWP. 27S RGE. 19W

Lease & Well No. END WRENCH #4

Test #: 3 Date: 01-16-2006 SEC. 26



|   |                              |      |
|---|------------------------------|------|
| 1 | Initial Hydrostatic Pressure | 2526 |
| 2 | Initial Flow Pressure        | 163  |
| 3 | Final Initial Flow Pressure  | 291  |
| 4 | Initial Shut-In Pressure     | 290  |
| 5 | Initial Final Flow Pressure  | 271  |
| 6 | Final Flow Pressure          | 245  |
| 7 | Final Shut-In Pressure       | 331  |
| 8 | Final Hydrostatic Pressure   | 2462 |
|   | Maximum Temperature          | 118  |

### GENERAL INFORMATION

|  |   |
|--|---|
| COMPANY NAME ..... TGT PETROLEUM CORP.     |   |
| TEST DATE ..... 01-16-06                   | LEASE AND WELL NUMBER ..... END WRENCH #4 |
| SECTION-TOWN-RANGE ..... 26-17S-19W        | FORMATION TESTED ..... MISSISSIPPI        |
| STATE ..... KANSAS                         | DRILL STEM TEST NUMBER ..... 3            |
| COUNTY ..... KIOWA                         | REPORT NUMBER ..... 14563                 |
| ELEVATION GROUND LEVEL ..... 2225          | ELEVATION KELLY BUSHINGS ..... 2230       |
| COMPANY REPRESENTATIVE ..... JEFF CRISTIAN | TESTING ENGINEER ..... GENE BUDIG         |

### TEST SETTINGS INFORMATION

|                               |                           |
|-------------------------------|---------------------------|
| TEST INTERVAL (to) ..... 4822 | NUMBER OF PACKERS ..... 1 |
| ANCHOR LENGTH ..... 40        | PACKER SIZE ..... 6 3/4   |
| TOTAL DEPTH (ft) ..... 4822   | HOLE SIZE ..... 7 7/8     |

### FLOW TIMES

|  |   |
|--|---|
| TOOL OPEN (from) ..... 11:30                 | TOOL OPEN (from) ..... 12:30              |
| INITIAL OPEN TOOL OPEN (to) ..... 12:00      | FINAL OPEN TOOL OPEN (to) ..... 1:00      |
| DURATION (min.) ..... 30                     | DURATION (min.) ..... 30                  |
| TOOL CLOSED (from) ..... 12:00               | TOOL CLOSED (from) ..... 1:00             |
| INITIAL SHUT-IN TOOL CLOSED (to) ..... 12:30 | FINAL SHUT-IN TOOL CLOSED (to) ..... 1:30 |
| DURATION (min.) ..... 30                     | DURATION (min.) ..... 30                  |

INITIAL FLOW WEAK BLOW DEAD AFTER FIVE MINUTES

FINAL FLOW NO BLOW FLUSHED TOOL STILL NO BLOW

| FEET OF Recovery | RECOVERY DESCRIPTION   | % GAS | % OIL | % MUD | % WATER |
|------------------|--|-------|-------|-------|---------|
| 1) 200           | GASSY MUD  |       |       |       |         |
| 2)               | HIT A BRIDGE 90 FEET OFF BOTTOM HAD TO OPEN THE TOOL TO GET THROUGH TOOL SLIDE OFF AND ON THE LAST |       |       |       |         |
| 3)               | 150 FEET TO BOTTOM SLIDE 2-3 FEET WHEN WE GOT TO BOTTOM  |       |       |       |         |
| 4)               | FLUSHED TOOL 4 TIMES CHART NEVER SHOWED ANY  |       |       |       |         |
| 5)               | FLUSHES  |       |       |       |         |
| 6)               |  |       |       |       |         |

# SUPERIOR TESTERS ENTERPRISES L.L.C.

## DRILL STEM TEST REPORT GREAT BEND, KANSAS 67530 (800)792-6902

### GENERAL INFORMATION

|                              |                     |                                |               |
|------------------------------|---------------------|--------------------------------|---------------|
| COMPANY NAME .....           | TGT PETROLEUM CORP. | LEASE AND WELL NUMBER .....    | END WRENCH #4 |
| TEST DATE .....              | 01-16-06            | FORMATION TESTED .....         | MISSISSIPPI   |
| SECTION-TOWN-RANGE .....     | 26-17S-19W          | DRILL STEM TEST NUMBER .....   | 3             |
| STATE .....                  | KANSAS              | REPORT NUMBER .....            | 14563         |
| COUNTY .....                 | KIOWA               | ELEVATION KELLY BUSHINGS ..... | 2230          |
| ELEVATION GROUND LEVEL ..... | 2225                | TESTING ENGINEER .....         | GENE BUDIG    |
| COMPANY REPRESENTATIVE ..... | JEFF CRISTIAN       |                                |               |

### EXTRA EQUIPMENT

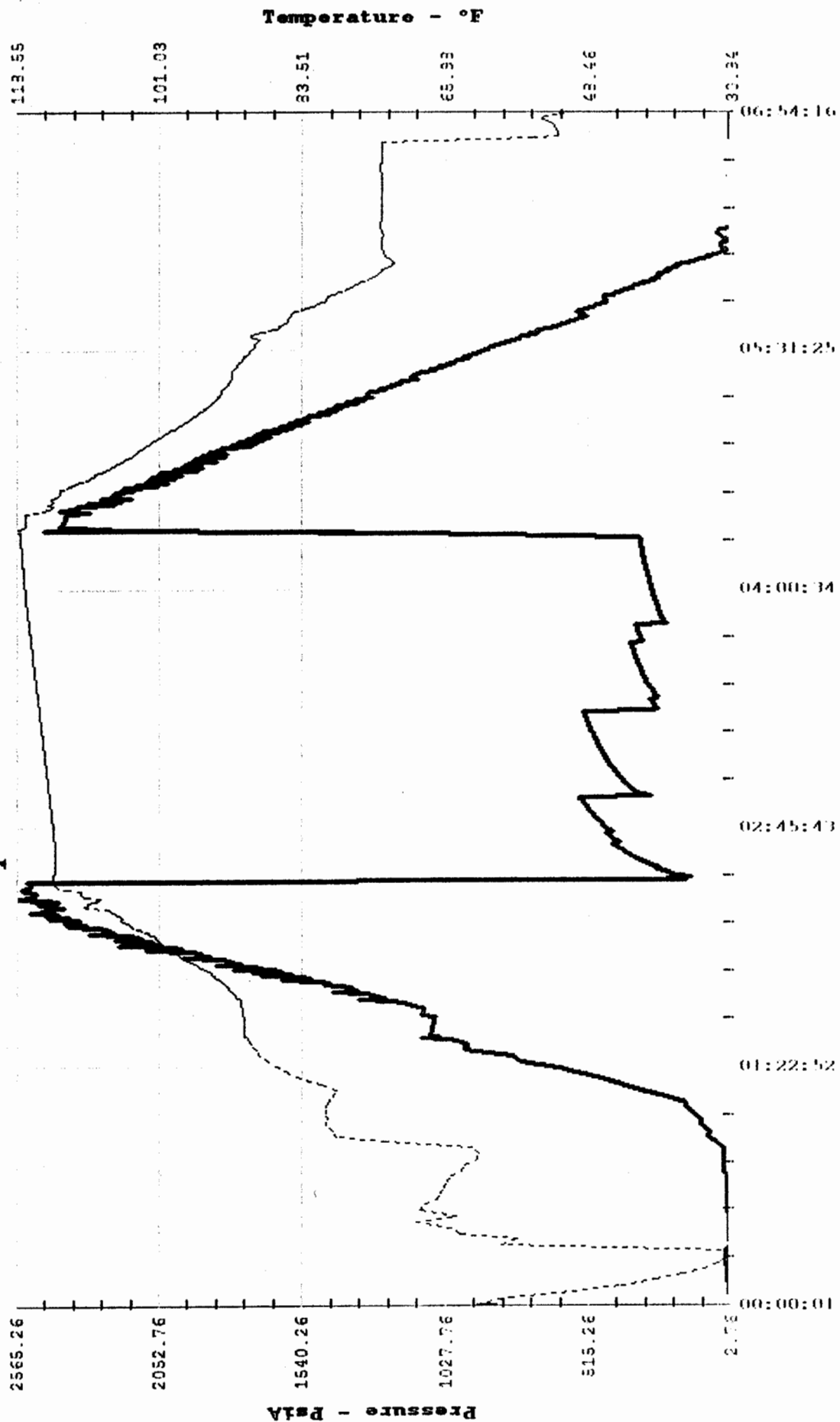
|                           |       |                             |      |
|---------------------------|-------|-----------------------------|------|
| JARS .....                | YES   | EXTRA PACKER (3RD) .....    | NO   |
| SAFETY JOINT .....        | YES   | EXTRA PACKER (4TH) .....    | NO   |
| ELECTRONIC RECORDER ..... | YES   | STRADDLE .....              | NO   |
| CIRCULATING SUB .....     | YES   | HOOK WALL .....             | NO   |
|                           |       | SAMPLER .....               | NO   |
|                           |       |                             |      |
| TOP RECORDER DEPTH .....  | 4818  | BOTTOM RECORDER DEPTH ..... | 4819 |
| RECORDER NUMBER .....     | 91981 | RECORDER NUMBER .....       | 5463 |

### WELL INFORMATION

|                           |                          |                           |            |
|---------------------------|--------------------------|---------------------------|------------|
| DRILLING CONTRACTOR ..... | PICKRELL DRILLING RIG #1 |                           |            |
| DRILL PIPE LENGTH .....   | 4140                     | DRILL COLLAR LENGTH ..... | 281        |
| DRILL PIPE I.D. ....      | 3.8                      | DRILL COLLAR I.D. ....    | 2.25       |
| TOOL JOINT SIZE .....     | 4 1/2 X.H.               | TOOL JOINT SIZE .....     | 4 1/2 X.H. |
|                           |                          |                           |            |
| WEIGHT PIPE LENGTH .....  | NONE                     | MUD WEIGHT #/GAL .....    | 91         |
| WEIGHT PIPE I.D. ....     | 2.25                     | VISCOSITY .....           | 45         |
| TOOL JOINT SIZE .....     | 4 1/2 X.H.               | WATER LOSS .....          | 12.8       |
|                           |                          | CHLORIDES-PITS .....      | 33,000     |
|                           |                          | CHLORIDES-DST .....       |            |

### COMMENTS

# Temperature / Pressure Data



TGT PETROLEUM CORP.    END WRENCH #4    26-27S-19W    01-16-2006

# Superior Testers Enterprises, Inc.

R.R. 3, Box 295B, Great Bend, Kansas 67530

(316) 792-6902

Date 1-15-06 Location 26-27-19W Elevation 6.6 2225 County kiowa KB 2230

Company TGT Petroleum Corp. Number of Copies 5

Charts Mailed to 7570 W. 21st - Bldg. 1016-D Wichita KS 67205

Drilling Contractor Pickrell Drilling Rig # 1

Length Drill Pipe 4428 I.D. Drill Pipe 3.8 Tool Joint Size 4 1/2 X H

Length Weight Pipe NONE I.D. Weight Pipe \_\_\_\_\_ Tool Joint Size \_\_\_\_\_

Length Drill Collars 281 I.D. Drill Collars \_\_\_\_\_ Tool Joint Size 4 1/2 X H

Top Packer Depth NONE Bottom Packer Depth 4770 Number of Packers 1 Packer Size \_\_\_\_\_

TESTED FROM 4730 TO 4762 ANCHOR LENGTH 32 TOTAL DEPTH 4762 Hole Size \_\_\_\_\_

EASE & WELL NO. END Winch #4 FORMATION TESTED Cherokee TEST NO. 1

Mud Weight 9.3 Viscosity 46 Water Loss 10.4 Chlorides - Pits 26,000 D.S.T. \_\_\_\_\_

Maximum Temp. 125 °F Initial Hydrostatic Pressure (A) 2436 P.S.I. Final Hydrostatic Pressure (H) 2340 P.S.I.

Tool Open I.F.P. from 8:00 pm to 9:00 pm 60 min

Tool Closed I.C.I.P. from 9:00 pm to 10:00 pm 60 min

Tool Open F.F.P. from 10:00 to 11:00 60 min

Tool Closed F.C.I.P. from 11:00 to 12:00 60 min

Initial Blow Strong Blow bottom of bucket less than 4 minutes

Final Blow Strong Blow bottom of bucket in 3 minutes

Total Feet Recovered 2820 Gassy oil cut mud Gravity of Oil \_\_\_\_\_ Corrected \_\_\_\_\_

2700 Feet of Gassy oil cut mud 15 % Gas 50 % Oil 35 % Mud \_\_\_\_\_ % Water

60 Feet of Gassy mud cut oil 5 % Gas 30 % Oil 65 % Mud \_\_\_\_\_ % Water

60 Feet of Gassy mud cut oil 5 % Gas 30 % Oil 65 % Mud \_\_\_\_\_ % Water

\_\_\_\_\_ Feet of \_\_\_\_\_ % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Water

\_\_\_\_\_ Feet of \_\_\_\_\_ % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Water

\_\_\_\_\_ Feet of \_\_\_\_\_ % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Water

\_\_\_\_\_ Feet of \_\_\_\_\_ % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Water

\_\_\_\_\_ Feet of \_\_\_\_\_ % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Water

\_\_\_\_\_ Feet of \_\_\_\_\_ % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Water

\_\_\_\_\_ Feet of \_\_\_\_\_ % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Water

\_\_\_\_\_ Feet of \_\_\_\_\_ % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Water

Remarks \_\_\_\_\_

Extra Equipment - Jars Yes Safety Joint Yes Extra Packer X Straddle X Hook Wall X

Top Recorder No. 4023 Clock No. Electronic Depth 4758 Cir. Sub Yes Sampler \_\_\_\_\_

Bottom Recorder No. 3088 Clock No. 47441 Depth 4759 Insurance \_\_\_\_\_

Price of Job \_\_\_\_\_

Tool Operator [Signature]

Approved By \_\_\_\_\_

No 14533

|  |
|--|
| from [B] <u>273</u> P.S.I. to [C] <u>640</u> P.S.I.  |
| [D] <u>1978</u> P.S.I.                               |
| from [E] <u>723</u> P.S.I. to [F] <u>1034</u> P.S.I. |
| [G] <u>1987</u> P.S.I.                               |

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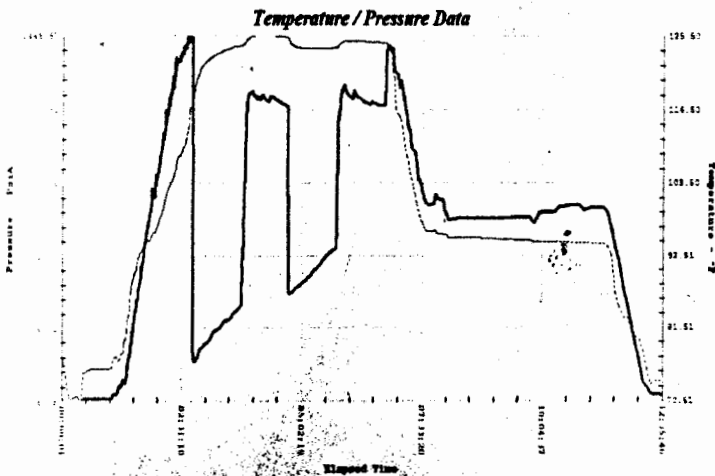
1(800)792-6902

## DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530

Company: TGT PETROLEUM CORP.  
TWP. 27 RGE. 19W

Lease & Well No. END WRENCH #4 Test #: 1 Date: 01-15-2006 SEC. 26



|   |                              |      |
|---|------------------------------|------|
| 1 | Initial Hydrostatic Pressure | 2436 |
| 2 | Initial Flow Pressure        | 273  |
| 3 | Final Initial Flow Pressure  | 640  |
| 4 | Initial Shut-In Pressure     | 1978 |
| 5 | Initial Final Flow Pressure  | 723  |
| 6 | Final Flow Pressure          | 1034 |
| 7 | Final Shut-In Pressure       | 1987 |
| 8 | Final Hydrostatic Pressure   | 2340 |

Maximum Temperature 125

### GENERAL INFORMATION

|  |   |   |
|--|---|---|
| COMPANY NAME ..... TGT PETROLEUM CORP. |   | LEASE AND WELL NUMBER ..... END WRENCH #4 |
| TEST DATE ..... 1/15/06                | FORMATION TESTED ..... CHEROKEE             | DRILL STEM TEST NUMBER ..... 1            |
| SECTION-TOWN-RANGE ..... 26-27-19W     | REPORT NUMBER ..... 14533                   | ELEVATION KELLY BUSHINGS ..... 2230       |
| STATE ..... KANSAS                     | ELEVATION GROUND LEVEL ..... 2225           | TESTING ENGINEER ..... JARED SCHECK       |
| COUNTY ..... KIOWA                     | COMPANY REPRESENTATIVE ..... JEFF CHRISTIAN |   |

### TOOL SETTING INFORMATION

|                                 |                             |
|---------------------------------|-----------------------------|
| TEST INTERVAL (From) ..... 4730 | TOP PACKER DEPTH ..... 4730 |
| TEST INTERVAL (to) ..... 4762   | BOTTOM PACKER DEPTH .....   |
| ANCHOR LENGTH ..... 32          | NUMBER OF PACKERS ..... 1   |
| TOTAL DEPTH (ft) ..... 4762     | PACKER SIZE ..... 6 3/4     |
|                                 | HOLE SIZE ..... 7 7/8       |

### FLOW TIMES

|  |  |
|--|--|
| TOOL OPEN (from) ..... 8:00                  | TOOL OPEN (from) ..... 10:00               |
| INITIAL OPEN TOOL OPEN (to) ..... 9:00       | FINAL OPEN TOOL OPEN (to) ..... 11:00      |
| DURATION (min.) ..... 60                     | DURATION (min.) ..... 60                   |
| TOOL CLOSED (from) ..... 9:00                | TOOL CLOSED (from) ..... 11:00             |
| INITIAL SHUT-IN TOOL CLOSED (to) ..... 10:00 | FINAL SHUT-IN TOOL CLOSED (to) ..... 12:00 |
| DURATION (min.) ..... 60                     | DURATION (min.) ..... 60                   |

### INITIAL FLOW

**STRONG BLOW IN LESS THAN A MINUTE SURFACE IN 9 MIN**

### FINAL FLOW

**STRONG BLOW IN THREE MINUTES  
SEE GAS REPORTS**

| FEET OF Recovery | RECOVERY DESCRIPTION | % GAS | % OIL | % MUD | % WATER |
|------------------|----------------------|-------|-------|-------|---------|
| 1) 2700          | GASSY OIL CUT MUD    | 15    | 50    | 35    |         |
| 2) 60            | GASSY MUD CUT OIL    | 5     | 30    | 65    |         |
| 3) 60            | GASSY MUD CUT OIL    | 5     | 30    | 65    |         |
| 4)               |                      |       |       |       |         |
| 5)               |                      |       |       |       |         |
| 6)               |                      |       |       |       |         |

# SUPERIOR TESTERS ENTERPRISES INC.

## DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530 (800)792-6902

### GENERAL INFORMATION

|                              |                     |                                |               |
|------------------------------|---------------------|--------------------------------|---------------|
| COMPANY NAME .....           | TGT PETROLEUM CORP. | LEASE AND WELL NUMBER .....    | END WRENCH #4 |
| TEST DATE .....              | 1/15/06             | FORMATION TESTED .....         | CHEROKEE      |
| SECTION-TOWN-RANGE .....     | 26-27-19W           | DRILL STEM TEST NUMBER .....   | 1             |
| STATE .....                  | KANSAS              | REPORT NUMBER .....            | 14533         |
| COUNTY .....                 | KIOWA               | ELEVATION KELLY BUSHINGS ..... | 2230          |
| ELEVATION GROUND LEVEL ..... | 2225                | TESTING ENGINEER .....         | JARED SCHECK  |
| COMPANY REPRESENTATIVE ..... | JEFF CHRISTIAN      |                                |               |

### EXTRA EQUIPMENT

|                           |       |                             |      |
|---------------------------|-------|-----------------------------|------|
| JARS .....                | YES   | EXTRA PACKER (3RD) .....    | NO   |
| SAFETY JOINT .....        | YES   | EXTRA PACKER (4TH) .....    | NO   |
| ELECTRONIC RECORDER ..... | YES   | STRADDLE .....              | NO   |
| CIRCULATING SUB .....     | NO    | HOOK WALL .....             | NO   |
|                           |       | SAMPLER .....               | NO   |
|                           |       |                             |      |
| TOP RECORDER DEPTH .....  | 4758  | BOTTOM RECORDER DEPTH ..... | 4759 |
| RECORDER NUMBER .....     | 91981 | RECORDER NUMBER .....       | 5463 |

### WELL INFORMATION

|                           |                         |                           |            |
|---------------------------|-------------------------|---------------------------|------------|
| DRILLING CONTRACTOR ..... | PICKRELL DRILLING RIG#1 |                           |            |
| DRILL PIPE LENGTH .....   | 4428                    | DRILL COLLAR LENGTH ..... | 281        |
| DRILL PIPE I.D. ....      | 3.8                     | DRILL COLLAR I.D. ....    | 2.25       |
| TOOL JOINT SIZE .....     | 4 1/2 X.H.              | TOOL JOINT SIZE .....     | 4 1/2 X.H. |
|                           |                         |                           |            |
| WEIGHT PIPE LENGTH .....  | NONE                    | MUD WEIGHT #/GAL .....    | 9.3        |
| WEIGHT PIPE I.D. ....     | 2.25                    | VISCOSITY .....           | 46         |
| TOOL JOINT SIZE .....     | 4 1/2 X.H.              | WATER LOSS .....          | 10.4       |
|                           |                         | CHLORIDES-PITS .....      | 26000      |
|                           |                         | CHLORIDES-DST .....       |            |

### COMMENTS

**SUPERIOR TESTERS ENTERPRISES INC.**

GREAT BEND, KANSAS

**GAS FLOW RATE**

(800) 792-6902

#

|                           |                             |           |
|---------------------------|-----------------------------|-----------|
| <b>STATE</b> ..... KANSAS | <b>Test Date</b> .....      | 1/0/1900  |
| <b>COUNTY</b> ..... KIOWA | <b>Sec Town Range</b> ..... | 26-27-19W |
| <b>FIELD</b> .....        | <b>Report Number</b> .....  | 14533     |

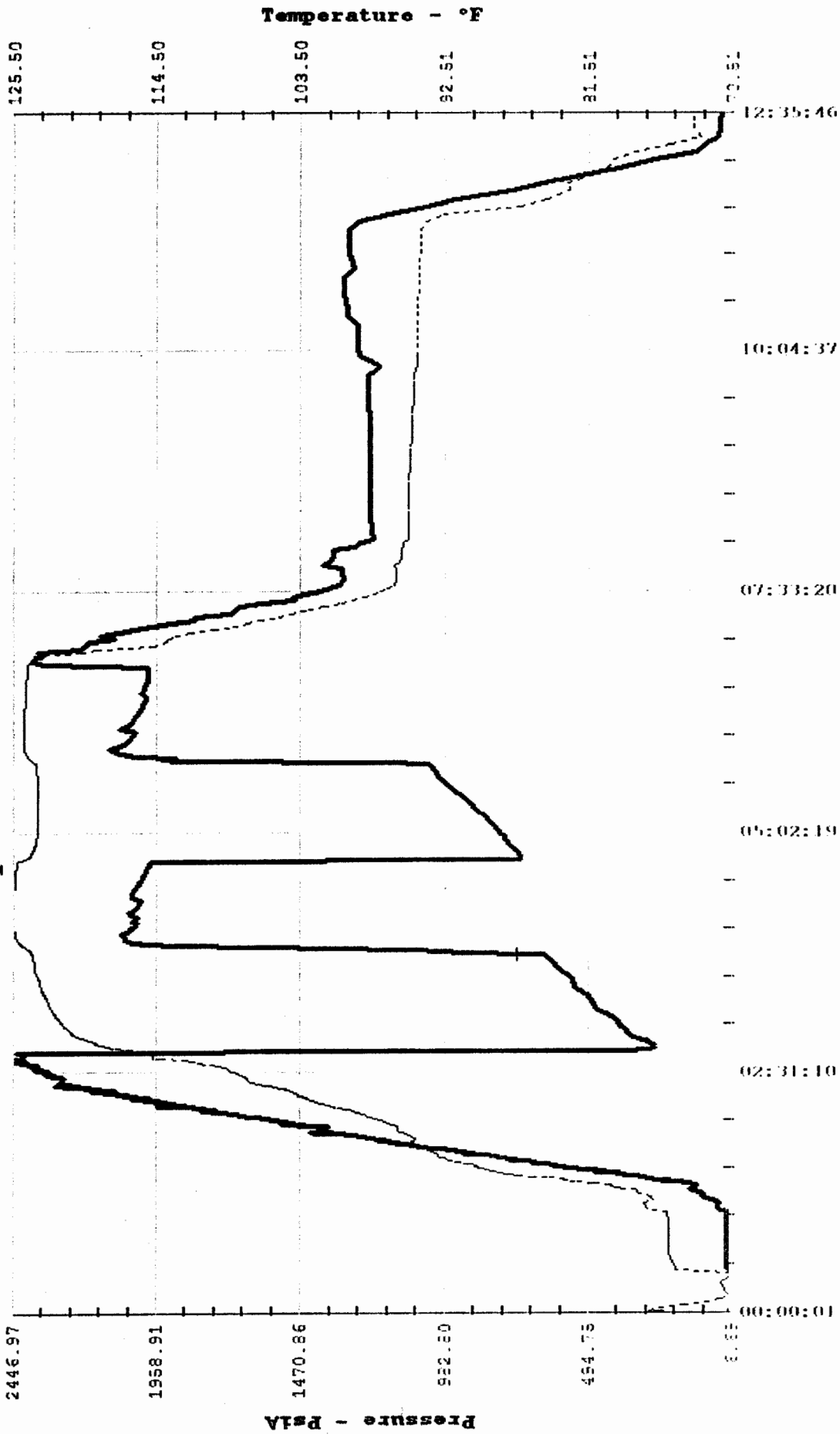
**Initial Flow**

| Comments    | Time<br>(hr:min:sec) | Period<br>of (min) | Inches H2O<br>Orifice Tester | PSI on<br>Orifice Tester | PSI on<br>Pitot Tube | Choke<br>Size (in) | Gas Rate<br>(MCF/Day) |
|-------------|----------------------|--------------------|------------------------------|--------------------------|----------------------|--------------------|-----------------------|
| TOOL OPENED | 8:20                 | 20                 | 70                           |                          |                      | 1/4                | 14.100                |
| AT          | 8:30                 | 10                 | 71                           |                          |                      | 1/4                | 14.200                |
| 8:00        | 8:40                 | 10                 | 70                           |                          |                      | 1/4                | 14.100                |
|             | 8:50                 | 10                 | 71                           |                          |                      | 1/4                | 14.200                |
|             | 9:00                 | 10                 | 70                           |                          |                      | 1/4                | 14.100                |

**Final Flow**

| Comments    | Time<br>(hr:min:sec) | Period<br>of (min) | Inches H2O<br>Orifice Tester | PSI on<br>Orifice Tester | PSI on<br>Pitot Tube | Choke<br>Size (in) | Gas Rate<br>(MCF/Day) |
|-------------|----------------------|--------------------|------------------------------|--------------------------|----------------------|--------------------|-----------------------|
| TOOL OPENED |                      | 10                 | 72                           |                          |                      | 1/4                | 14.300                |
| AT 10:00    | 10:10                | 10                 | 76                           |                          |                      | 1/4                | 14.600                |
|             | 10:20                | 10                 | 70                           |                          |                      | 1/4                | 14.100                |
|             | 10:30                | 10                 | 65                           |                          |                      | 1/4                | 13.500                |
|             | 10:40                | 10                 | 68                           |                          |                      | 1/4                | 13.800                |
|             | 10:50                | 10                 | 63                           |                          |                      | 1/4                | 13.300                |

# Temperature / Pressure Data



TGT PETROLEUM CORP    END WRENCH 4    26-27 19    1-15-06