

**DIAMOND TESTING**  
P.O. Box 157  
HOISINGTON, KANSAS 67544  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: PIFR1DST1

TIME ON: 1535

TIME OFF: 2315

Company **KANSAS OIL RESOURCES** Lease & Well No. **PFIEFER #1**  
Contractor **MUSTANG RIG 108** Charge to **KANSAS OIL RESOURCES**  
Elevation **2075 GL** Formation **B/TOPEKA, TORONTO, UPPER KC** Effective Pay \_\_\_\_\_ Ft. Ticket No. **M118**  
Date **03/15/11** Sec. **14** Twp. **13 S** Range **19 W** County **ELLIS** State **KANSAS**  
Test Approved By **STEVE ANGLE** Diamond Representative **MIKE COCHRAN**

Formation Test No. **1** Interval Tested from **3303 ft.** to **3450 ft.** Total Depth **3450 ft.**  
Packer Depth **3298 ft.** Size **6 3/4 in.** Packer depth **NA ft.** Size **6 3/4 in.**  
Packer Depth **3303 ft.** Size **6 3/4 in.** Packer depth **NA ft.** Size **6 3/4 in.**

**Depth of Selective Zone Set**

|                                 |                    |                   |                     |                                |                                        |
|---------------------------------|--------------------|-------------------|---------------------|--------------------------------|----------------------------------------|
| Top Recorder Depth (Inside)     | <b>3285 ft.</b>    | Recorder Number   | <b>30044</b>        | Cap.                           | <b>5,000 P.S.I.</b>                    |
| Bottom Recorder Depth (Outside) | <b>3447 ft.</b>    | Recorder Number   | <b>13386</b>        | Cap.                           | <b>3,875 P.S.I.</b>                    |
| Below Straddle Recorder Depth   | <b>NA ft.</b>      | Recorder Number   | <b>NA</b>           | Cap.                           | <b>NA P.S.I.</b>                       |
| Mud Type                        | <b>CHEMICAL</b>    | Viscosity         | <b>55</b>           | Drill Collar Length            | <b>0 ft. I.D. 2 1/4 in.</b>            |
| Weight                          | <b>9.1</b>         | Water Loss        | <b>7.2 cc.</b>      | Weight Pipe Length             | <b>0 ft. I.D. 2 7/8 in.</b>            |
| Chlorides                       | <b>4100 P.P.M.</b> | Drill Pipe Length | <b>3271 ft.</b>     | I.D.                           | <b>3 1/2 in.</b>                       |
| Jars: Make                      | <b>STERLING</b>    | Serial Number     | <b>1</b>            | Test Tool Length               | <b>32 ft. Tool Size 3 1/2-F in.</b>    |
| Did Well Flow?                  | <b>NO</b>          | Reversed Out      | <b>NO</b>           | Anchor Length                  | <b>147 ft. Size 4 1/2-FH in.</b>       |
| Main Hole Size                  | <b>7 7/8</b>       | Tool Joint Size   | <b>4 1/2 XH in.</b> | (126' D.P.) Surface Choke Size | <b>1 in. Bottom Choke Size 5/8 in.</b> |

Blow: 1st Open: **GSB, BOB 14 MIN**

**(NO BB)**

2nd Open: **WSB, BOB 40 MIN**

**(NO BB)**

Recovered **2 INCHES** ft. of **CO**

Recovered **470 ft.** of **MW 85% WTR, 15% MUD, LIGHT SCUM OF OIL**

Recovered **470 ft.** of **TOTAL FLUID**

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Remarks: \_\_\_\_\_

CHLOR: 59,000

RW: .14@ 68 DEG

PH: 7.5

Price Job

Other Charges

Insurance

Total

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**MAY 31 2012**

**KCC WICHITA**

TOOL SAMPLE: **67% WTR, 33% MUD, HEAVIER SCUM OF OIL**

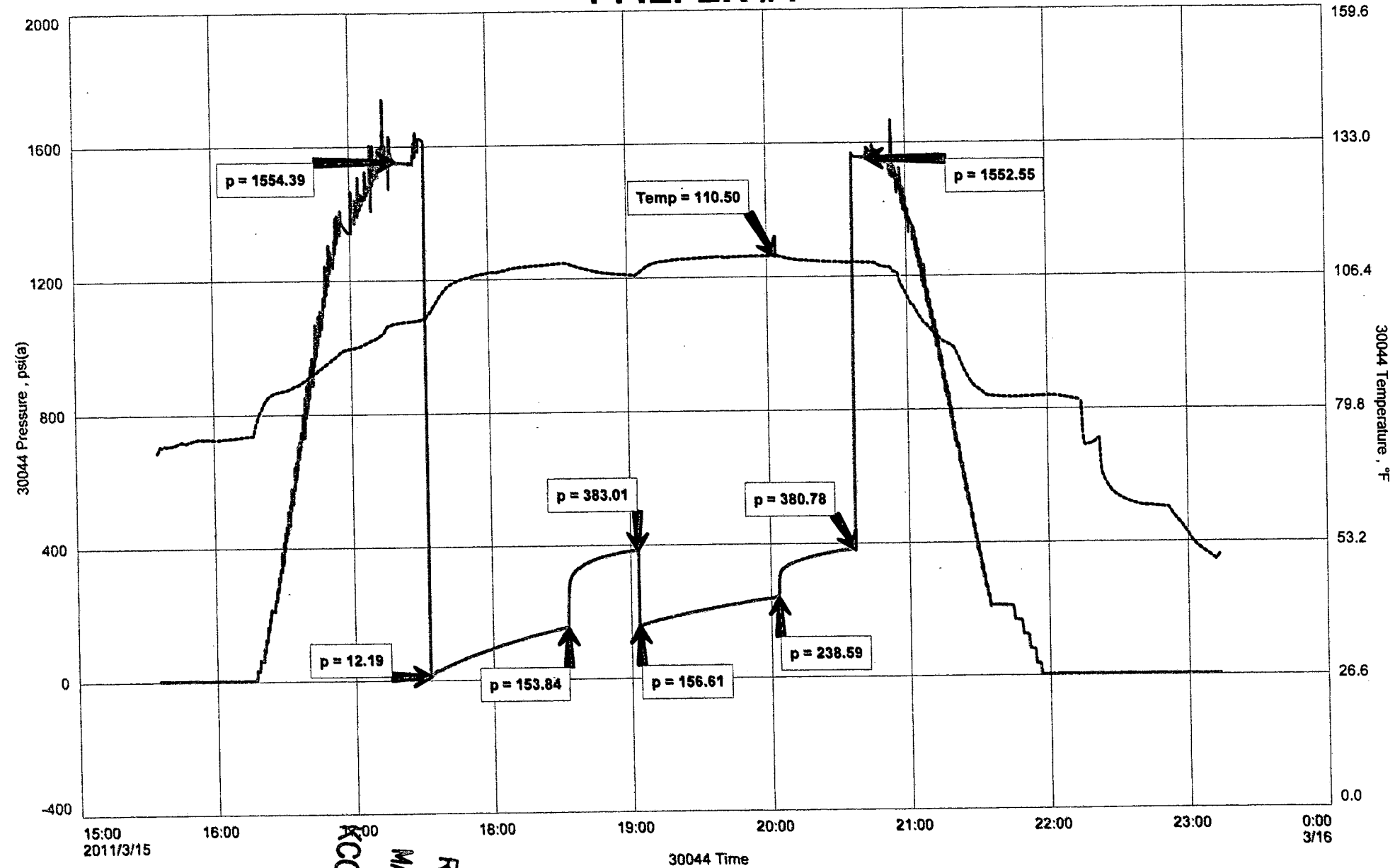
|                              |                  |              |                         |                          |                    |                     |            |
|------------------------------|------------------|--------------|-------------------------|--------------------------|--------------------|---------------------|------------|
| Time Set Packer(s)           | <b>5:30 P.M.</b> | A.M.<br>P.M. | Time Started Off Bottom | <b>8:30 P.M.</b>         | A.M.<br>P.M.       | Maximum Temperature | <b>111</b> |
| Initial Hydrostatic Pressure |                  |              |                         | (A)                      | <b>1554 P.S.I.</b> |                     |            |
| Initial Flow Period          | Minutes          | <b>60</b>    | (B)                     | <b>12 P.S.I. to (C)</b>  |                    | <b>154 P.S.I.</b>   |            |
| Initial Closed In Period     | Minutes          | <b>30</b>    | (D)                     | <b>383 P.S.I.</b>        |                    |                     |            |
| Final Flow Period            | Minutes          | <b>60</b>    | (E)                     | <b>157 P.S.I. to (F)</b> |                    | <b>239 P.S.I.</b>   |            |
| Final Closed In Period       | Minutes          | <b>30</b>    | (G)                     | <b>381 P.S.I.</b>        |                    |                     |            |
| Final Hydrostatic Pressure   |                  |              |                         | (H)                      | <b>1553 P.S.I.</b> |                     |            |

Diamond Testing shall not be liable for damages 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 statement or opinion concerning the result 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.

KANSAS OIL RESOURCES  
DST#1 3303-3450 B/TOPEKA,TORONTO,UPPER KC  
Start Test Date: 2011/03/15  
Final Test Date: 2011/03/15

PFIEFER #1  
Formation: DST#1 3303-3450 B/TOPEKA,TORONTO,UPPER KC  
Pool: WILDCAT  
Job Number: M118

PFIEFER #1



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# DIAMOND TESTING

## Pressure Survey Report

### General Information

Company Name  
Well Name  
Unique Well ID  
Surface Location  
Field  
Well Type

KANSAS OIL RESOURCES Job Number  
PFIEFER #1 Representative  
DST#1 3303-3450 B/TOPEKA,TORONTO,UPPER KC Well Operator  
SEC.14-13S-19W ELLIS CO. KS. Report Date  
WILDCAT Prepared By  
Vertical Qualified By  
Test Unit

M118  
MIKE COCHRAN  
KANSAS OIL RESOURCES  
2011/03/15  
MIKE COCHRAN  
STEVE ANGLE  
NO. 1

### Test Information

Test Type  
Formation  
Test Purpose (AEUB)

CONVENTIONAL  
DST#1 3303-3450 B/TOPEKA,TORONTO,UPPER KC  
Initial Test

Start Test Date  
Final Test Date

2011/03/15 Start Test Time  
2011/03/15 Final Test Time  
Well Fluid Type

15:35:00  
23:15:00  
01 Oil

Gauge Name  
Gauge Serial Number

30044

### Test Results

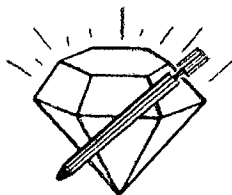
#### Remarks

RECOVERED:  
2 INCHES OF CO  
470' MW 85% WTR, 15% MUD LIGHT SCUM OF OIL  
470' TOTAL FLUID

CHLOR: 59,000 PPM  
RW: .14@68 DEG  
PH: 7.5

TOOL SAMPLE: 67% WTR, 33% MUD HEAVIER SCUM OF OIL

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DIAMOND TESTING  
P.O. Box 157  
HOISINGTON, KANSAS 67544  
(800) 542-7313  
DRILL-STEM TEST TICKET  
FILE: PIFR1DST3

TIME ON: 0735  
TIME OFF: 1447

Company **KANSAS OIL RESOURCES** Lease & Well No. **PFEIFER #1**  
Contractor **MUSTANG RIG 108** Charge to **KANSAS OIL RESOURCES**  
Elevation **2075 GL** Formation **CONGL.** Effective Pay \_\_\_\_\_ Ft. Ticket No. **M120**  
Date **03/18/11** Sec. **14** Twp. **13 S** Range **19 W** County **ELLIS** State **KANSAS**  
Test Approved By **STEVE ANGLE** Diamond Representative **MIKE COCHRAN**

Formation Test No. **3** Interval Tested from **3644 ft.** to **3686 ft.** Total Depth **3800 ft.**  
Packer Depth **3639 ft.** Size **6 3/4 in.** Packer depth **3687 ft.** Size **6 3/4 in.**  
Packer Depth **3644 ft.** Size **6 3/4 in.** Packer depth **NA ft.** Size **6 3/4 in.**

Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) **3626 ft.** Recorder Number **30044** Cap. **5,000 P.S.I.**  
Bottom Recorder Depth (Outside) **3678 ft.** Recorder Number **13386** Cap. **3,875 P.S.I.**  
Below Straddle Recorder Depth **3797 ft.** Recorder Number **13299** Cap. **6,275 P.S.I.**  
Mud Type **CHEMICAL** Viscosity **60** Drill Collar Length **0 ft.** I.D. **2 1/4 in.**  
Weight **9.2** Water Loss **8.0 cc.** Weight Pipe Length **0 ft.** I.D. **2 7/8 in.**  
Chlorides **6,100 P.P.M.** Drill Pipe Length **3612 ft.** I.D. **3 1/2 in.**  
Jars: Make **STERLING** Serial Number **1** Test Tool Length **32 ft.** Tool Size **3 1/2-HF in.**  
Did Well Flow? **NO** Reversed Out **NO** Anchor Length **156 ft.** Size **4 1/2-FH in.**  
Main Hole Size **7 7/8** Tool Joint Size **4 1/2 XH in.** Surface Choke Size **1 in.** Bottom Choke Size **5/8 in.**

Blow: 1st Open: **WSB, BUILT TO 1/2" IN 26 MIN, THEN DIMINISHED TO A WEAK INTERMITTENT SB (NO BB)**

2nd Open: **WSB, THEN NOTHING, FLUSH TOOL@ 10 MIN, THEN MAINTAINED A VWSB THAT DIED AFTER 26 MIN (NO BB)**

Recovered **10 ft.** of **GM 1% GAS, 99% MUD**

Recovered **10 ft.** of **TOTAL FLUID**

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Remarks: \_\_\_\_\_

TOOL SAMPLE: **DM W/ SPOTS OF LIGHT OIL**

Time Set Packer(s) **9:45 A.M.** A.M. P.M. Time Started Off Bottom **12:15 P.M.** A.M. P.M. Maximum Temperature **107**  
Initial Hydrostatic Pressure \_\_\_\_\_ (A) **1759 P.S.I.**  
Initial Flow Period \_\_\_\_\_ Minutes **60** (B) **7 P.S.I.** to (C) **10 P.S.I.**  
Initial Closed In Period \_\_\_\_\_ Minutes **30** (D) **20 P.S.I.**  
Final Flow Period \_\_\_\_\_ Minutes **30** (E) **9 P.S.I.** to (F) **12 P.S.I.**  
Final Closed In Period \_\_\_\_\_ Minutes **30** (G) **19 P.S.I.**  
Final Hydrostatic Pressure \_\_\_\_\_ (H) **1744 P.S.I.**

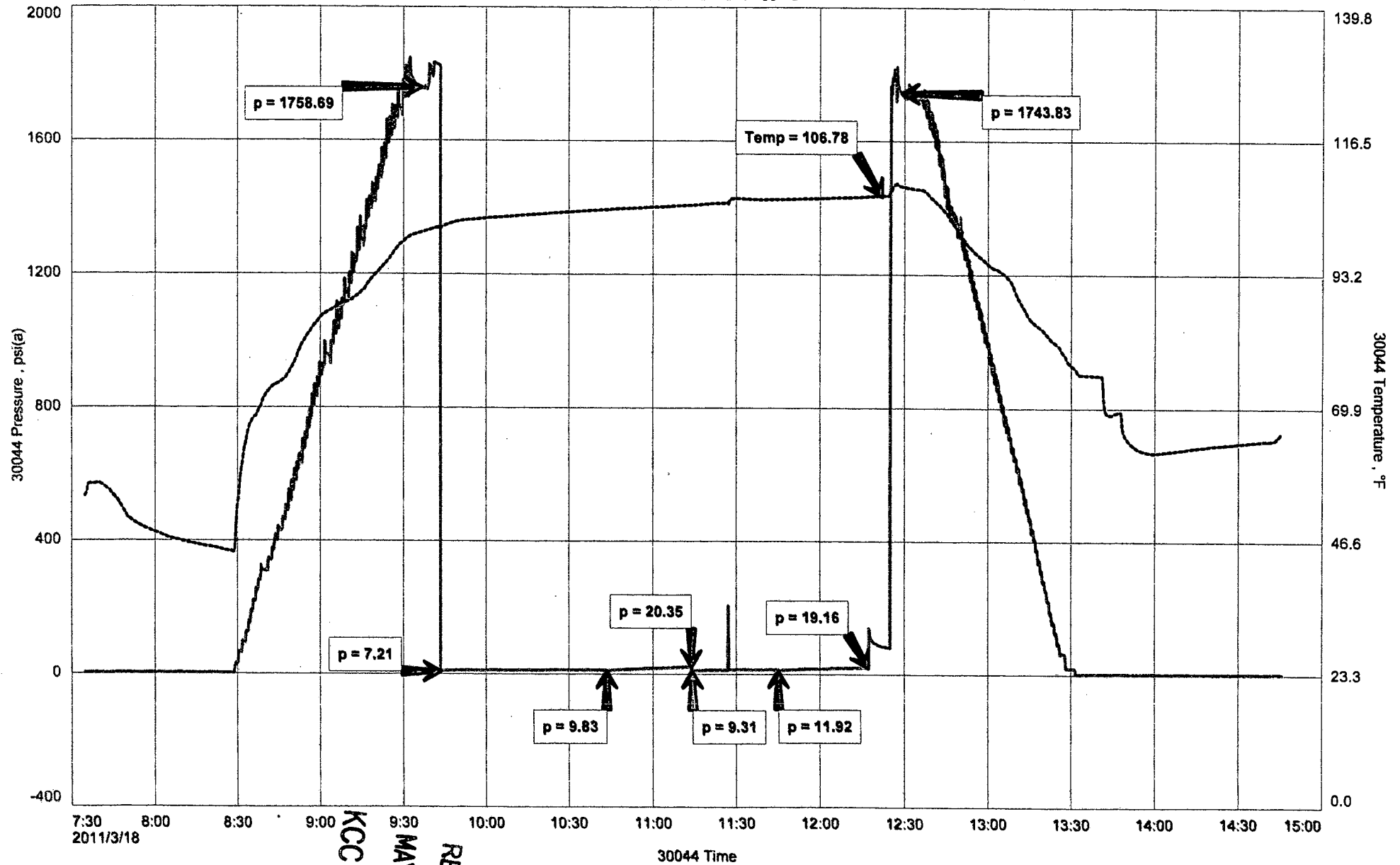
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KANSAS OIL RESOURCES  
DST#3 3644-3686 CONGL.  
Start Test Date: 2011/03/18  
Final Test Date: 2011/03/18

PFEIFER #1  
Formation: DST#3 3644-3686 CONGL.  
Pool: WILDCAT  
Job Number: M120

PFEIFER #1



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# DIAMOND TESTING

## Pressure Survey Report

### General Information

|                  |                              |                |                      |
|------------------|------------------------------|----------------|----------------------|
| Company Name     | KANSAS OIL RESOURCES         | Job Number     | M120                 |
| Well Name        | PFEIFER #1                   | Representative | MIKE COCHRAN         |
| Unique Well ID   | DST#3 3644-3686 CONGL.       | Well Operator  | KANSAS OIL RESOURCES |
| Surface Location | SEC.14-13S-19W ELLIS CO. KS. | Report Date    | 2011/03/18           |
| Field            | WILDCAT                      | Prepared By    | MIKE COCHRAN         |
| Well Type        | Vertical                     | Qualified By   | STEVE ANGLE          |
|                  | Test Unit                    |                | NO. 1                |

### Test Information

|                     |                        |                 |          |
|---------------------|------------------------|-----------------|----------|
| Test Type           | CONVENTIONAL           |                 |          |
| Formation           | DST#3 3644-3686 CONGL. |                 |          |
| Test Purpose (AEUB) | Initial Test           |                 |          |
| Start Test Date     | 2011/03/18             | Start Test Time | 07:35:00 |
| Final Test Date     | 2011/03/18             | Final Test Time | 14:47:00 |
|                     |                        | Well Fluid Type | 01 Oil   |
| Gauge Name          | 30044                  |                 |          |
| Gauge Serial Number |                        |                 |          |

### Test Results

Remarks RECOVERED:  
10' GM 1% GAS, 99% MUD  
10' TOTAL FLUID

TOOL SAMPLE: DM W/ SPOTS OF LIGHT OIL

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