

Confidentiality Requested:

☐ Yes ☐ No

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

1238436

Form ACO-1

August 2013

Form must be Typed  
Form must be Signed  
All blanks must be Filled

**WELL COMPLETION FORM**  
**WELL HISTORY - DESCRIPTION OF WELL & LEASE**

OPERATOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Wellsite Geologist: \_\_\_\_\_

Purchaser: \_\_\_\_\_

Designate Type of Completion:

- ☐ New Well ☐ Re-Entry ☐ Workover
- ☐ Oil ☐ WSW ☐ SWD ☐ SIOW
- ☐ Gas ☐ D&A ☐ ENHR ☐ SIGW
- ☐ OG ☐ GSW ☐ Temp. Abd.
- ☐ CM (Coal Bed Methane)
- ☐ Cathodic ☐ Other (Core, Expl., etc.): \_\_\_\_\_

If Workover/Re-entry: Old Well Info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

- ☐ Deepening ☐ Re-perf. ☐ Conv. to ENHR ☐ Conv. to SWD
- ☐ Plug Back ☐ Conv. to GSW ☐ Conv. to Producer
- ☐ Commingled Permit #: \_\_\_\_\_
- ☐ Dual Completion Permit #: \_\_\_\_\_
- ☐ SWD Permit #: \_\_\_\_\_
- ☐ ENHR Permit #: \_\_\_\_\_
- ☐ GSW Permit #: \_\_\_\_\_

Spud Date or  
Recompletion Date

Date Reached TD

Completion Date or  
Recompletion Date

API No. 15 - \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_ ☐ East ☐ West

\_\_\_\_\_ Feet from ☐ North / ☐ South Line of Section

\_\_\_\_\_ Feet from ☐ East / ☐ West Line of Section

Footages Calculated from Nearest Outside Section Corner:

☐ NE ☐ NW ☐ SE ☐ SW

GPS Location: Lat: \_\_\_\_\_, Long: \_\_\_\_\_  
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Vertical Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ Feet

Multiple Stage Cementing Collar Used? ☐ Yes ☐ No

If yes, show depth set: \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from: \_\_\_\_\_

feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

**Drilling Fluid Management Plan**

(Data must be collected from the Reserve Pit)

Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: \_\_\_\_\_

Location of fluid disposal if hauled offsite:

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_ ☐ East ☐ West

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

**AFFIDAVIT**

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

**KCC Office Use ONLY**

☐ Confidentiality Requested

Date: \_\_\_\_\_

☐ Confidential Release Date: \_\_\_\_\_

☐ Wireline Log Received

☐ Geologist Report Received

☐ UIC Distribution

ALT ☐ I ☐ II ☐ III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_



1238436

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_ ☐ East ☐ West County: \_\_\_\_\_

**INSTRUCTIONS:** Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

|                                                      |                                                          |                              |                                  |                                 |
|------------------------------------------------------|----------------------------------------------------------|------------------------------|----------------------------------|---------------------------------|
| Drill Stem Tests Taken<br>(Attach Additional Sheets) | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Log | Formation (Top), Depth and Datum | <input type="checkbox"/> Sample |
| Samples Sent to Geological Survey                    | <input type="checkbox"/> Yes <input type="checkbox"/> No | Name                         | Top                              | Datum                           |
| Cores Taken                                          | <input type="checkbox"/> Yes <input type="checkbox"/> No |                              |                                  |                                 |
| Electric Log Run                                     | <input type="checkbox"/> Yes <input type="checkbox"/> No |                              |                                  |                                 |
| List All E. Logs Run:                                |                                                          |                              |                                  |                                 |

| CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used  |                   |                           |                   |               |                |              |                            |
|---------------------------------------------------------------------------|-------------------|---------------------------|-------------------|---------------|----------------|--------------|----------------------------|
| Report all strings set-conductor, surface, intermediate, production, etc. |                   |                           |                   |               |                |              |                            |
| Purpose of String                                                         | Size Hole Drilled | Size Casing Set (In O.D.) | Weight Lbs. / Ft. | Setting Depth | Type of Cement | # Sacks Used | Type and Percent Additives |
|                                                                           |                   |                           |                   |               |                |              |                            |
|                                                                           |                   |                           |                   |               |                |              |                            |
|                                                                           |                   |                           |                   |               |                |              |                            |

| ADDITIONAL CEMENTING / SQUEEZE RECORD |                  |                |              |                            |
|---------------------------------------|------------------|----------------|--------------|----------------------------|
| Purpose:                              | Depth Top Bottom | Type of Cement | # Sacks Used | Type and Percent Additives |
| ____ Perforate                        |                  |                |              |                            |
| ____ Protect Casing                   |                  |                |              |                            |
| ____ Plug Back TD                     |                  |                |              |                            |
| ____ Plug Off Zone                    |                  |                |              |                            |

Did you perform a hydraulic fracturing treatment on this well? ☐ Yes ☐ No (If No, skip questions 2 and 3)

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? ☐ Yes ☐ No (If No, skip question 3)

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? ☐ Yes ☐ No (If No, fill out Page Three of the ACO-1)

| Shots Per Foot | PERFORATION RECORD - Bridge Plugs Set/Type<br>Specify Footage of Each Interval Perforated |  | Acid, Fracture, Shot, Cement Squeeze Record<br>(Amount and Kind of Material Used) |  | Depth |
|----------------|-------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------|--|-------|
|                |                                                                                           |  |                                                                                   |  |       |
|                |                                                                                           |  |                                                                                   |  |       |
|                |                                                                                           |  |                                                                                   |  |       |
|                |                                                                                           |  |                                                                                   |  |       |
|                |                                                                                           |  |                                                                                   |  |       |

|                                                 |           |                                                                                                                                                                         |             |                                                                     |
|-------------------------------------------------|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------------------------------------------------------------|
| TUBING RECORD:                                  | Size:     | Set At:                                                                                                                                                                 | Packer At:  | Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Date of First, Resumed Production, SWD or ENHR. |           | Producing Method:<br><input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____ |             |                                                                     |
| Estimated Production Per 24 Hours               | Oil Bbls. | Gas Mcf                                                                                                                                                                 | Water Bbls. | Gas-Oil Ratio Gravity                                               |

|                                                                                                                                                            |                                                                                                                                                                                                                                       |                                        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|
| DISPOSITION OF GAS:<br><input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease<br>(If vented, Submit ACO-18.) | METHOD OF COMPLETION:<br><input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled<br>(Submit ACO-5) <input type="checkbox"/> Other (Specify) _____ | PRODUCTION INTERVAL:<br>_____<br>_____ |
|------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|

|           |                        |
|-----------|------------------------|
| Form      | ACO1 - Well Completion |
| Operator  | Mikol Oil LLC          |
| Well Name | Miller 1-14            |
| Doc ID    | 1238436                |

#### All Electric Logs Run

|                            |
|----------------------------|
|                            |
| Sonic Log                  |
| Compensated Density Netron |
| Dual Induction             |
| Micro Resistivity          |

|           |                        |
|-----------|------------------------|
| Form      | ACO1 - Well Completion |
| Operator  | Mikol Oil LLC          |
| Well Name | Miller 1-14            |
| Doc ID    | 1238436                |

#### Tops

| Name           | Top  | Datum |
|----------------|------|-------|
| Top Anhydrite  | 1344 | +811  |
| Base Anhydrite | 1379 | +776  |
| Topeka         | 3116 | -961  |
| Heebner        | 3357 | -1202 |
| Toronto        | 3378 | -1223 |
| LKC            | 3403 | -1248 |
| BKC            | 3636 | -1481 |
| Arbuckle       | 3710 | -1555 |



|                                                                                                                                   |  |                                                                   |                                                                            |              |                    |
|-----------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------|----------------------------------------------------------------------------|--------------|--------------------|
| <b>Marc A. Downing</b><br><br><b>Consulting Petroleum Geologist</b>                                                               |  | <b>Geologic Report</b><br><br><b>Drilling Time and Sample Log</b> |                                                                            |              |                    |
| <b>Operator Mikol Oil LLC</b>                                                                                                     |  |                                                                   | <b>Elevation</b><br>KB 2155<br>DF 2153<br>GL 2147                          |              |                    |
| <b>Lease Miller</b>                                                                                                               |  | <b>No. 1-14</b>                                                   |                                                                            |              |                    |
| <b>API # 15-051-26746-0000</b>                                                                                                    |  |                                                                   | <b>Casing Record</b><br>Surface 8 5/8" @ 222'<br>Production 5 1/2" @ 3764' |              |                    |
| <b>Field Wildcat</b>                                                                                                              |  |                                                                   | <b>Electrical Surveys</b><br><b>CNDL, DIL, MEL, Sonic</b>                  |              |                    |
| <b>Location 1597' FSL &amp; 1140' FWL</b>                                                                                         |  | <b>Sec. 14      Twp. 12s      Rge. 17w</b>                        |                                                                            |              |                    |
| <b>County Ellis</b>                                                                                                               |  | <b>State Kansas</b>                                               |                                                                            |              |                    |
| <b>Formation</b>                                                                                                                  |  | <b>Sample tops</b>                                                | <b>Log Tops</b>                                                            | <b>Datum</b> | <b>Struct Comp</b> |
| Top Anhydrite                                                                                                                     |  | 1346                                                              | 1344                                                                       | +811         | -11                |
| Base Anhydrite                                                                                                                    |  | 1380                                                              | 1379                                                                       | +776         | NA                 |
|                                                                                                                                   |  |                                                                   |                                                                            |              |                    |
| Topeka                                                                                                                            |  | 3116                                                              | 3116                                                                       | -961         | NA                 |
| Heebner                                                                                                                           |  | 3357                                                              | 3357                                                                       | -1202        | -1                 |
| Toronto                                                                                                                           |  | 3379                                                              | 3378                                                                       | -1223        | FL                 |
| LKC                                                                                                                               |  | 3402                                                              | 3403                                                                       | -1248        | -3                 |
| BKC                                                                                                                               |  | 3636                                                              | 3636                                                                       | -1481        | +1                 |
| Arbuckle                                                                                                                          |  | 3710                                                              | 3710                                                                       | -1555        | +103               |
|                                                                                                                                   |  |                                                                   |                                                                            |              |                    |
| Total Depth                                                                                                                       |  | 3765                                                              | 3765                                                                       | -1610        |                    |
|                                                                                                                                   |  |                                                                   |                                                                            |              |                    |
|                                                                                                                                   |  |                                                                   |                                                                            |              |                    |
|                                                                                                                                   |  |                                                                   |                                                                            |              |                    |
|                                                                                                                                   |  |                                                                   |                                                                            |              |                    |
| Reference Well For Structural Comparison <b>Phillips &amp; Hanson</b><br><b>Miller #1</b> <b>SW NE SW</b> <b>Sec. 14-12ss-17w</b> |  |                                                                   |                                                                            |              |                    |

| Drilling Contractor         |          | Discovery Drilling, Rig #3 |          |
|-----------------------------|----------|----------------------------|----------|
| Commenced                   | 10-17-14 | Completed                  | 10-23-14 |
| Samples Saved From          | 3100     | To                         | RTD      |
| Drilling Time Kept From     | 3000     | To                         | RTD      |
| Samples Examined From       | 3100     | To                         | RTD      |
| Geological Supervision From | 3000     | To                         | RTD      |

**Summary and Recommendations**

**Due to structural position, DST recovery, and log evaluation, it was decided to set 5 1/2" production casing for completion.**

**Perforations:**

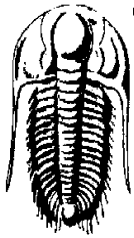
LKC L: 3625-3629  
LKC K: 3606-3612  
LKC J: 3584-3586  
LKC F: 3484-3486 (Before Abandonment)  
LKC E: 3478-3480 (Before Abandonment)  
LKC C: 3433-3439 (Before Abandonment)

Respectfully Submitted,

Marc A. Downing

[illegible]





**TRILOBITE**  
**TESTING, INC.**

## DRILL STEM TEST REPORT

Mikol Oil LLC

1407 Washington Cir  
Hays KS, 67601

ATTN: Marc Downing

**14-12s-17w Ellis KS**

**Miller 1-14**

Job Ticket: 59371

**DST#: 1**

Test Start: 2014.10.21 @ 10:59:00

### GENERAL INFORMATION:

Formation: **LKC "C"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:21:15

Time Test Ended: 17:57:15

Test Type: Conventional Bottom Hole (Initial)

Tester: Cody Bloedorn

Unit No: 73

**Interval: 3405.00 ft (KB) To 3445.00 ft (KB) (TVD)**

Reference Elevations: 2147.00 ft (KB)

Total Depth: 3445.00 ft (KB) (TVD)

2139.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

**Serial #: 8648 Inside**

Press@RunDepth: 52.33 psig @ 3442.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.10.21

End Date:

2014.10.21

Last Calib.: 2014.10.21

Start Time: 10:59:05

End Time:

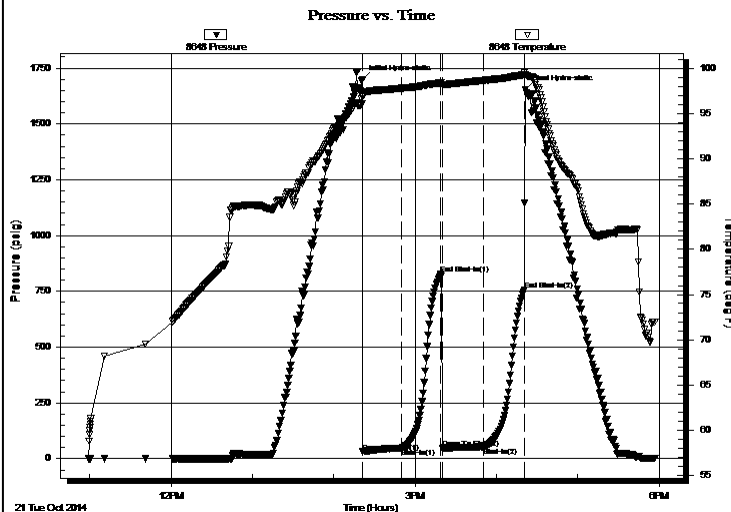
17:57:14

Time On Btm: 2014.10.21 @ 14:21:00

Time Off Btm: 2014.10.21 @ 16:21:30

TEST COMMENT: 30 - IF- 1 1/4" blow  
30 - IS- No return  
30 - FF- 1 3/4" blow  
30 - FS- No return

### PRESSURE SUMMARY



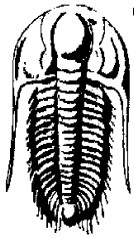
| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation           |
|-------------|-----------------|--------------|----------------------|
| 0           | 1699.58         | 97.01        | Initial Hydro-static |
| 1           | 30.52           | 96.13        | Open To Flow (1)     |
| 29          | 46.93           | 97.82        | Shut-In(1)           |
| 58          | 826.86          | 98.40        | End Shut-In(1)       |
| 59          | 46.11           | 98.22        | Open To Flow (2)     |
| 90          | 52.33           | 98.67        | Shut-In(2)           |
| 120         | 755.44          | 99.30        | End Shut-In(2)       |
| 121         | 1654.43         | 99.36        | Final Hydro-static   |

### Recovery

| Length (ft) | Description      | Volume (bbl) |
|-------------|------------------|--------------|
| 45.00       | SOCM, 10%O, 90%M | 0.36         |
|             |                  |              |
|             |                  |              |
|             |                  |              |
|             |                  |              |

### Gas Rates

|  | Choke (inches) | Pressure (psig) | Gas Rate (Mcf/d) |
|--|----------------|-----------------|------------------|
|--|----------------|-----------------|------------------|



**TRILOBITE**  
**TESTING, INC.**

## DRILL STEM TEST REPORT

Mikol Oil LLC

1407 Washington Cir  
Hays KS, 67601

ATTN: Marc Downing

**14-12s-17w Ellis KS**

**Miller 1-14**

Job Ticket: 59371

**DST#: 1**

Test Start: 2014.10.21 @ 10:59:00

### GENERAL INFORMATION:

Formation: **LKC "C"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:21:15

Time Test Ended: 17:57:15

Test Type: Conventional Bottom Hole (Initial)

Tester: Cody Bloedorn

Unit No: 73

**Interval: 3405.00 ft (KB) To 3445.00 ft (KB) (TVD)**

Total Depth: 3445.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2147.00 ft (KB)

2139.00 ft (CF)

KB to GR/CF: 8.00 ft

**Serial #: 8940 Outside**

Press@RunDepth: psig @ 3442.00 ft (KB)

Start Date: 2014.10.21

End Date:

2014.10.21

Start Time: 10:59:05

End Time:

17:57:14

Capacity: 8000.00 psig

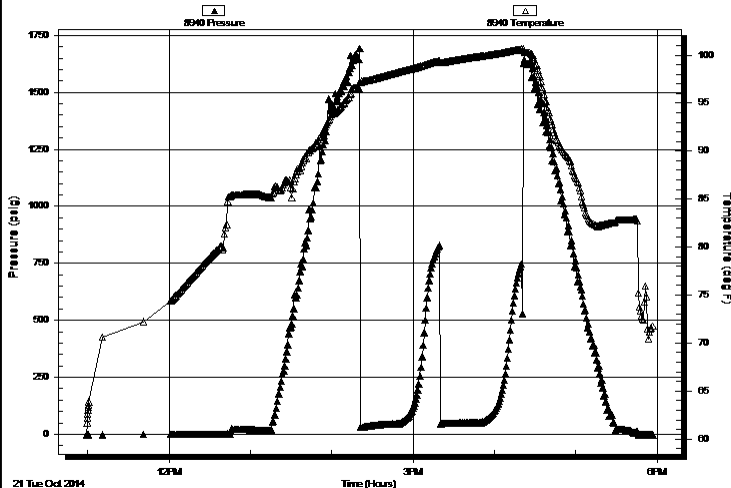
Last Calib.: 2014.10.21

Time On Btm:

Time Off Btm:

TEST COMMENT: 30 - IF- 1 1/4" blow  
30 - IS- No return  
30 - FF- 1 3/4" blow  
30 - FS- No return

Pressure vs. Time



### PRESSURE SUMMARY

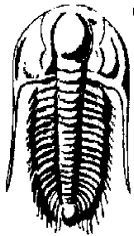
| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|------------|
|-------------|-----------------|--------------|------------|

### Recovery

| Length (ft) | Description      | Volume (bbl) |
|-------------|------------------|--------------|
| 45.00       | SOCM, 10%O, 90%M | 0.36         |
|             |                  |              |
|             |                  |              |
|             |                  |              |
|             |                  |              |

### Gas Rates

|  | Choke (inches) | Pressure (psig) | Gas Rate (Mcf/d) |
|--|----------------|-----------------|------------------|
|--|----------------|-----------------|------------------|



**TRILOBITE**  
**TESTING, INC.**

## DRILL STEM TEST REPORT

### FLUID SUMMARY

Mikol Oil LLC

**14-12s-17w Ellis KS**

1407 Washington Cir  
Hays KS, 67601

**Miller 1-14**

Job Ticket: 59371

**DST#: 1**

ATTN: Marc Downing

Test Start: 2014.10.21 @ 10:59:00

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.99 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 1.50 inches

### Recovery Information

Recovery Table

| Length<br>ft | Description      | Volume<br>bbl |
|--------------|------------------|---------------|
| 45.00        | SOCM, 10%O, 90%M | 0.358         |

Total Length: 45.00 ft

Total Volume: 0.358 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



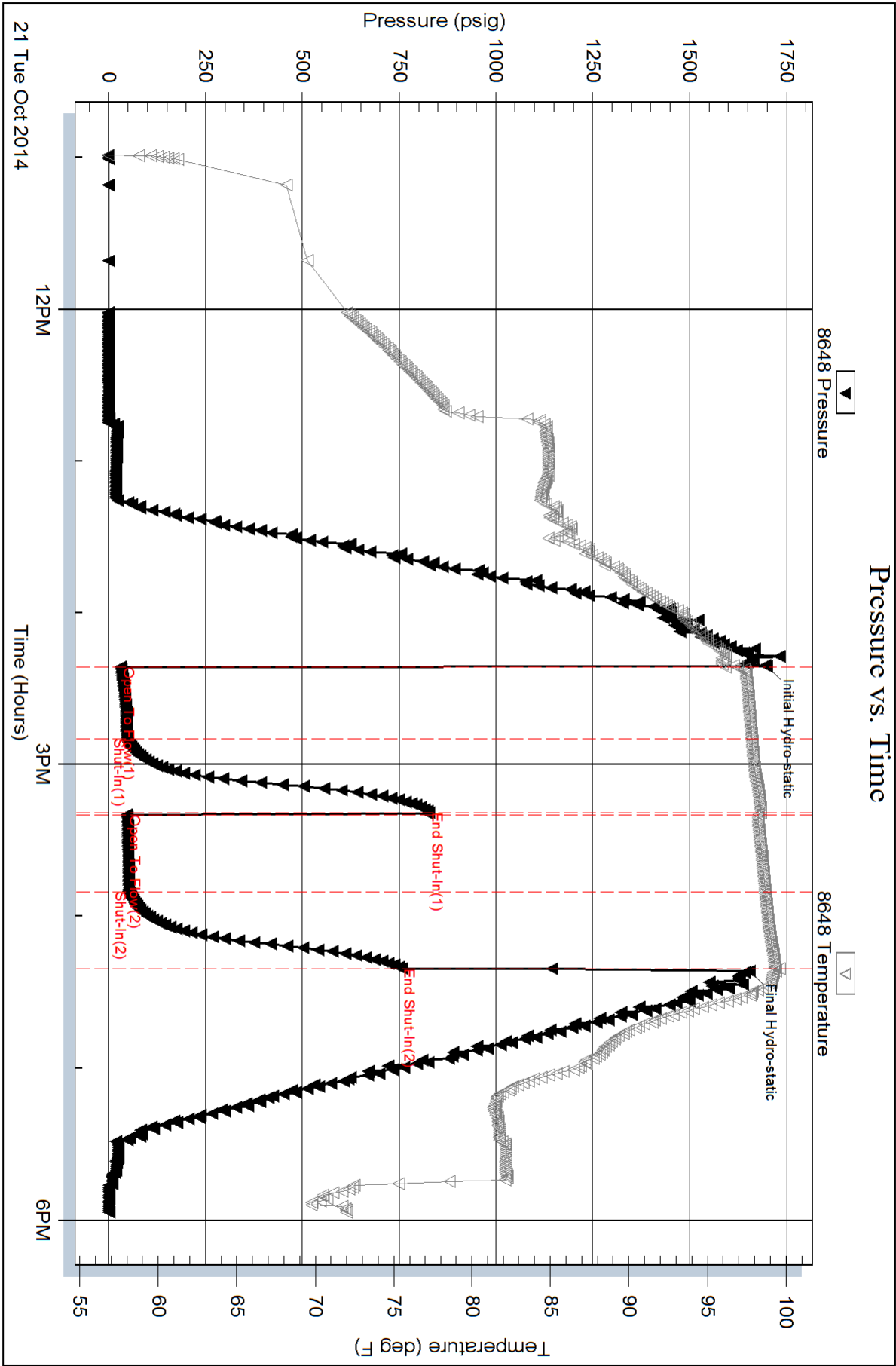
Serial #: 8648

Inside

Mkol Oil LLC

Miller 1-14

DST Test Number: 1

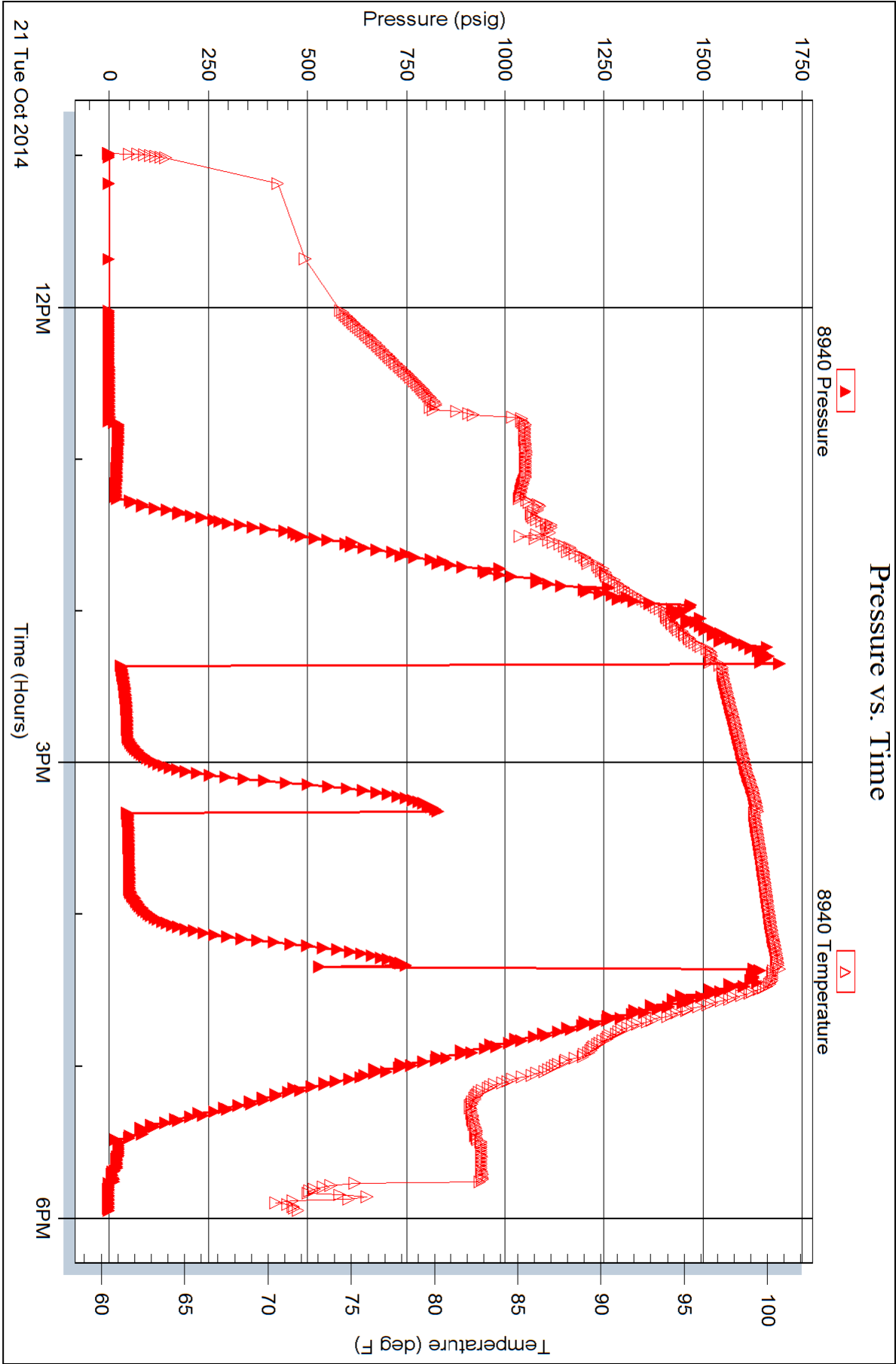


Serial #: 8940

Outside Mikol Oil LLC

Miller 1-14

DST Test Number: 1





**TRILOBITE**  
**TESTING, INC.**

## DRILL STEM TEST REPORT

Mikol Oil LLC

**14-12s-17w Ellis KS**

1407 Washington Cir  
Hays KS, 67601

**Miller 1-14**

Job Ticket: 59372

**DST#: 2**

ATTN: Marc Downing

Test Start: 2014.10.22 @ 06:42:00

### GENERAL INFORMATION:

Formation: **LKC "H-I"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:10:00

Time Test Ended: 12:38:45

Test Type: Conventional Bottom Hole (Reset)

Tester: Cody Bloedorn

Unit No: 73

**Interval: 3520.00 ft (KB) To 3569.00 ft (KB) (TVD)**

Total Depth: 3569.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2147.00 ft (KB)

2139.00 ft (CF)

KB to GR/CF: 8.00 ft

**Serial #: 8648 Inside**

Press@RunDepth: 35.84 psig @ 3557.00 ft (KB)

Start Date: 2014.10.22

End Date:

2014.10.22

Start Time: 06:42:05

End Time:

12:38:44

Capacity: 8000.00 psig

Last Calib.: 2014.10.22

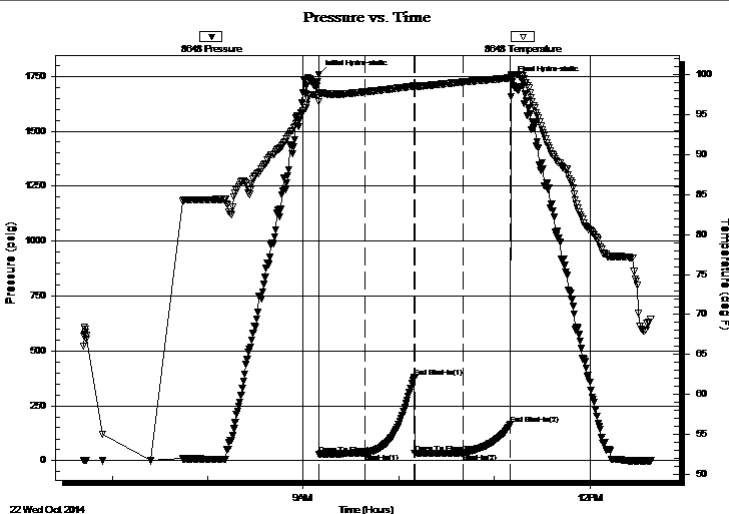
Time On Btm: 2014.10.22 @ 09:09:45

Time Off Btm: 2014.10.22 @ 11:10:45

TEST COMMENT: 30 - IF- 1/4" blow  
30 - IS- No return  
30 - FF- Surface blow  
30 - FS- No return

### PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation           |
|-------------|-----------------|--------------|----------------------|
| 0           | 1758.65         | 97.71        | Initial Hydro-static |
| 1           | 29.35           | 96.64        | Open To Flow (1)     |
| 30          | 32.85           | 97.83        | Shut-In(1)           |
| 60          | 380.13          | 98.56        | End Shut-In(1)       |
| 61          | 34.31           | 98.40        | Open To Flow (2)     |
| 91          | 35.84           | 99.05        | Shut-In(2)           |
| 121         | 164.44          | 99.57        | End Shut-In(2)       |
| 121         | 1731.56         | 99.89        | Final Hydro-static   |



### Recovery

| Length (ft) | Description      | Volume (bbl) |
|-------------|------------------|--------------|
| 15.00       | SOCM, 10%O, 90%M | 0.07         |
|             |                  |              |
|             |                  |              |
|             |                  |              |
|             |                  |              |
|             |                  |              |

### Gas Rates

|  | Choke (inches) | Pressure (psig) | Gas Rate (Mcf/d) |
|--|----------------|-----------------|------------------|
|--|----------------|-----------------|------------------|

\* Recovery from multiple tests



**TRILOBITE**  
**TESTING, INC.**

## DRILL STEM TEST REPORT

### FLUID SUMMARY

Mikol Oil LLC

**14-12s-17w Ellis KS**

1407 Washington Cir  
Hays KS, 67601

**Miller 1-14**

Job Ticket: 59372

**DST#: 2**

ATTN: Marc Downing

Test Start: 2014.10.22 @ 06:42:00

### Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 51.00 sec/qt

Water Loss: 7.98 in<sup>3</sup>

Resistivity: ohm.m

Salinity: 3000.00 ppm

Filter Cake: 1.50 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

Oil API:

Water Salinity:

deg API

ppm

ft

bbl

psig

### Recovery Information

Recovery Table

| Length<br>ft | Description      | Volume<br>bbl |
|--------------|------------------|---------------|
| 15.00        | SOCM, 10%O, 90%M | 0.074         |

Total Length: 15.00 ft

Total Volume: 0.074 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8648

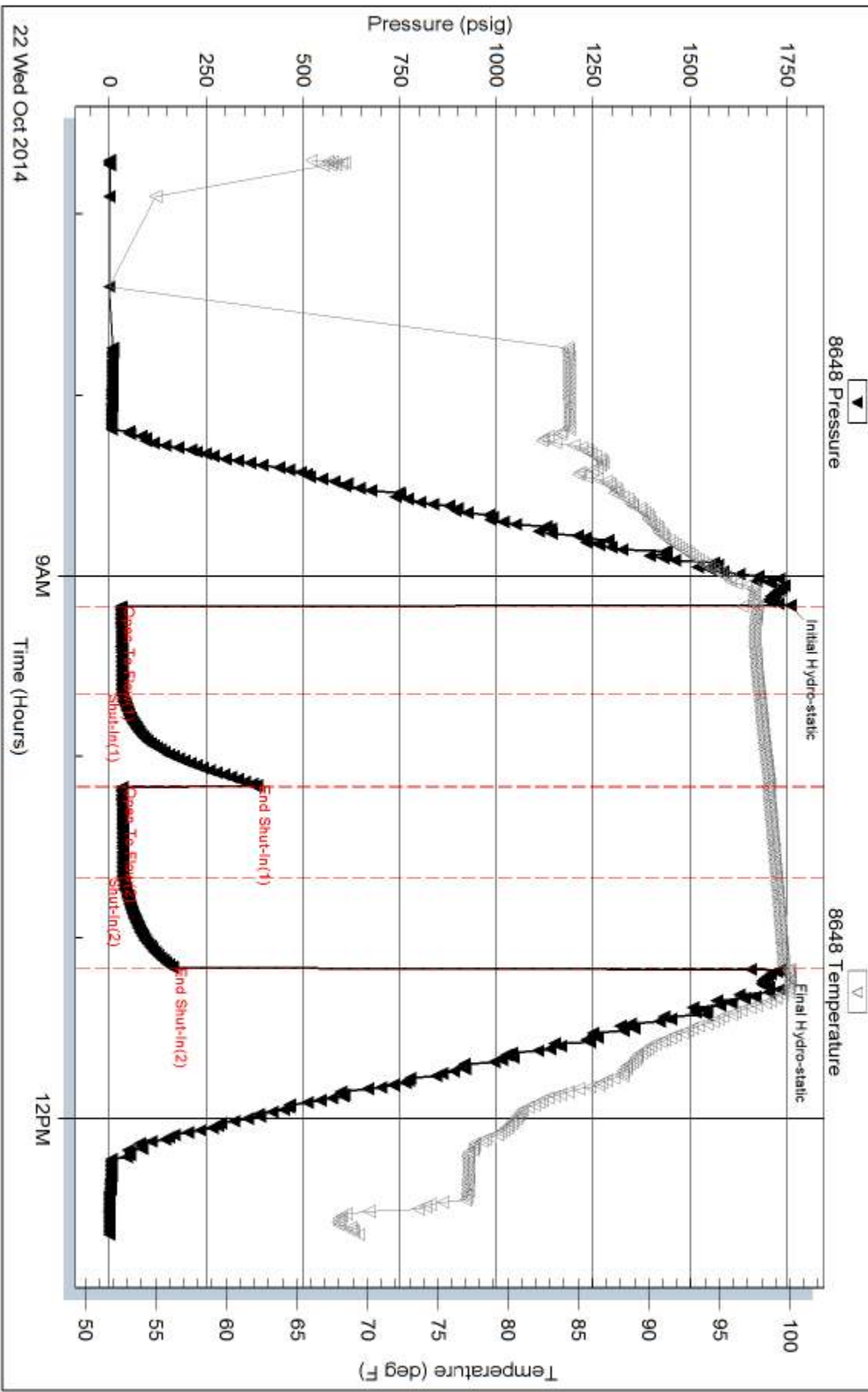
Inside

Mkol Oil LLC

Miller 1-14

DST Test Number: 2

# Pressure vs. Time







**TRILOBITE**  
**TESTING, INC.**

## DRILL STEM TEST REPORT

Mikol Oil LLC

1407 Washington Cir  
Hays KS, 67601

ATTN: Marc Downing

**14-12s-17w Ellis KS**

**Miller 1-14**

Job Ticket: 59373

**DST#: 3**

Test Start: 2014.10.22 @ 19:35:00

### GENERAL INFORMATION:

Formation: **LKC "J-K"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:52:45

Time Test Ended: 02:42:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Cody Bloedorn

Unit No: 73

**Interval: 3570.00 ft (KB) To 3620.00 ft (KB) (TVD)**

Reference Elevations: 2147.00 ft (KB)

Total Depth: 3620.00 ft (KB) (TVD)

2139.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

**Serial #: 8648 Inside**

Press@RunDepth: 77.68 psig @ 3607.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.10.22

End Date:

2014.10.23

Last Calib.: 2014.10.23

Start Time: 19:35:05

End Time:

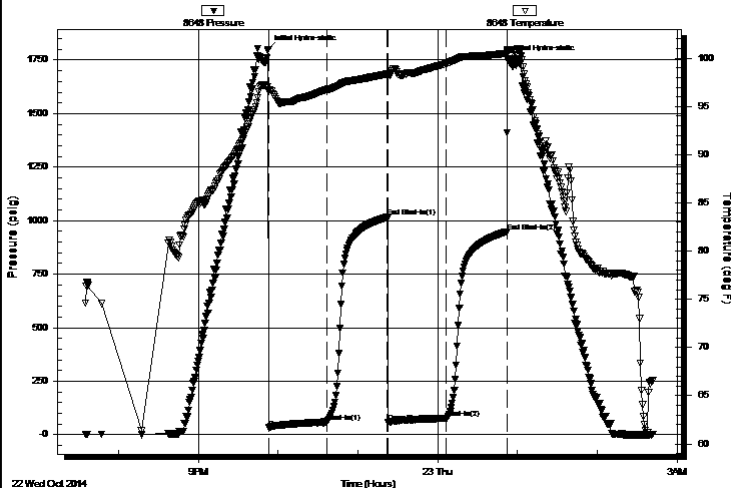
02:41:59

Time On Btm: 2014.10.22 @ 21:52:30

Time Off Btm: 2014.10.23 @ 00:52:30

TEST COMMENT: 45 - IF- B.O.B. in 42 minutes  
45 - IS- Surface return  
45 - FF- 8" blow  
45 - FS- Surface return, died in 18 minutes

Pressure vs. Time



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation           |
|-------------|-----------------|--------------|----------------------|
| 0           | 1800.51         | 97.08        | Initial Hydro-static |
| 1           | 31.88           | 96.56        | Open To Flow (1)     |
| 44          | 60.07           | 96.76        | Shut-In(1)           |
| 90          | 1016.35         | 98.37        | End Shut-In(1)       |
| 91          | 56.26           | 98.11        | Open To Flow (2)     |
| 134         | 77.68           | 99.43        | Shut-In(2)           |
| 180         | 948.71          | 100.51       | End Shut-In(2)       |
| 180         | 1753.97         | 100.85       | Final Hydro-static   |

Recovery

| Length (ft) | Description             | Volume (bbl) |
|-------------|-------------------------|--------------|
| 124.00      | GHMCO, 20%M, 30%G, 50%O | 1.47         |
| 0.00        | 248' of G.I.P.          | 0.00         |
|             |                         |              |
|             |                         |              |
|             |                         |              |
|             |                         |              |

Gas Rates

|  | Choke (inches) | Pressure (psig) | Gas Rate (Mcf/d) |
|--|----------------|-----------------|------------------|
|--|----------------|-----------------|------------------|

\* Recovery from multiple tests



**TRILOBITE**  
**TESTING, INC.**

## DRILL STEM TEST REPORT

### FLUID SUMMARY

Mikol Oil LLC

**14-12s-17w Ellis KS**

1407 Washington Cir  
Hays KS, 67601

**Miller 1-14**

Job Ticket: 59373

**DST#: 3**

ATTN: Marc Downing

Test Start: 2014.10.22 @ 19:35:00

### Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 50.00 sec/qt

Water Loss: 7.99 in<sup>3</sup>

Resistivity: ohm.m

Salinity: 5000.00 ppm

Filter Cake: 1.50 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

deg API

ppm

### Recovery Information

Recovery Table

| Length<br>ft | Description             | Volume<br>bbl |
|--------------|-------------------------|---------------|
| 124.00       | GHMCO, 20%M, 30%G, 50%O | 1.466         |
| 0.00         | 248' of G.I.P.          | 0.000         |

Total Length: 124.00 ft

Total Volume: 1.466 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8648

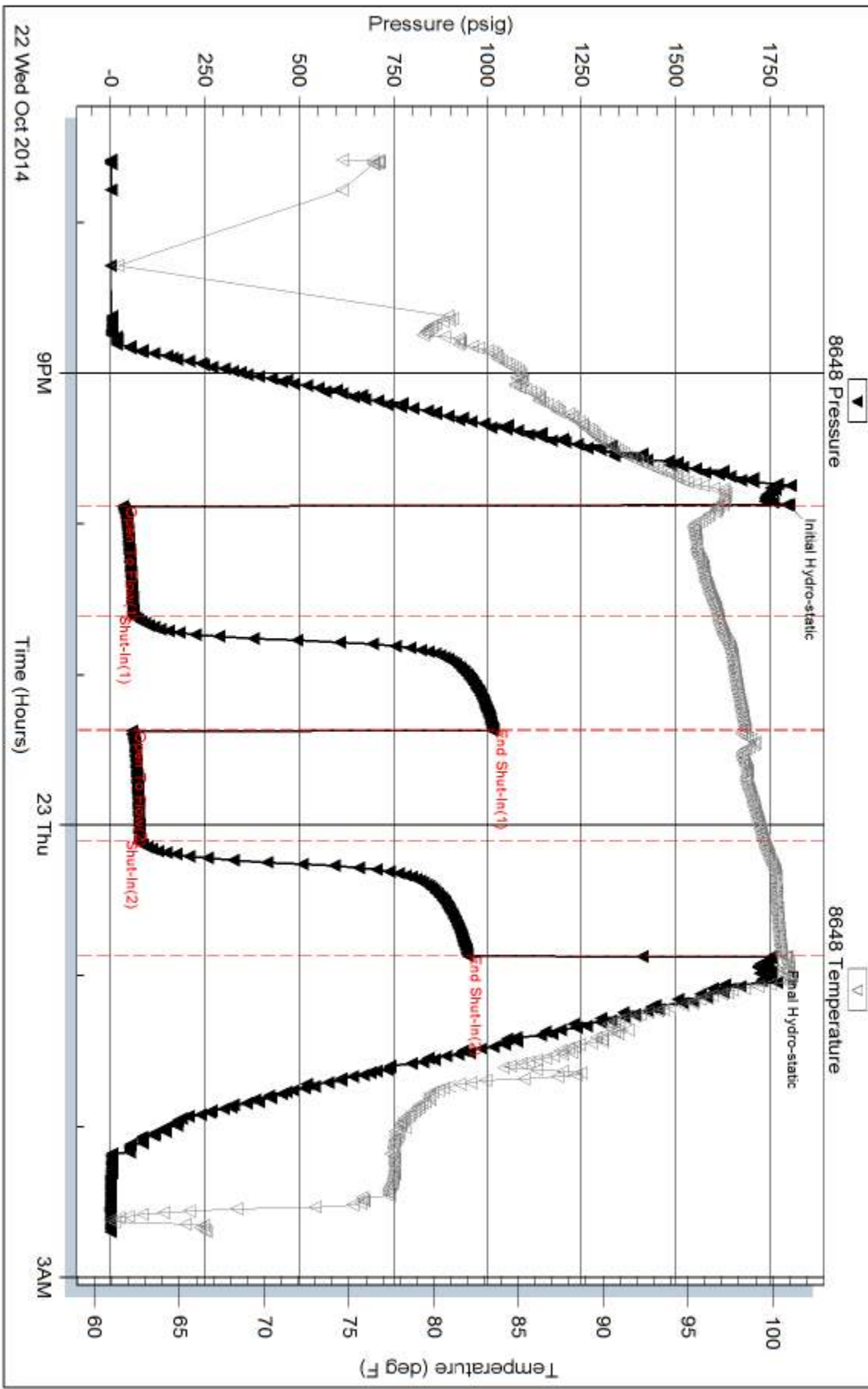
Inside

Mkol Oil LLC

Miller 1-14

DST Test Number: 3

# Pressure vs. Time



KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form C-5  
July 2014

**PRODUCTION TEST & GOR REPORT**

**IMPORTANT:** This form is intended to convey information pertinent to a single well, not an entire lease.  
In so far as possible, while testing the well, production of both oil and natural gas shall be held within assigned daily allowable limits.

|                                                                                                                                                                    |                              |                                                                                                 |                                                                                         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| TYPE TEST: <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input type="checkbox"/> Workover <input type="checkbox"/> Reclassification |                              | TEST DATE: <u>12-29-2014</u>                                                                    |                                                                                         |
| Company: <u>Mikol Oil, LLC</u>                                                                                                                                     |                              | Lease: <u>Miller</u> Well No.: <u>1-14</u>                                                      |                                                                                         |
| County: <u>Ellis</u>                                                                                                                                               | Location: <u>SE SE NW SW</u> | Sec. <u>14</u> Twp. <u>12S</u> R. <u>17</u>                                                     | <input type="checkbox"/> East <input checked="" type="checkbox"/> West Acres: <u>40</u> |
| API Well No.: <u>15-051-26746</u>                                                                                                                                  |                              | Reservoir(s): _____ Gas Pipeline Connection: _____                                              |                                                                                         |
| Completion Date: <u>11/05/14</u>                                                                                                                                   |                              | Liquid to Surface Thru (Describe): _____ Plug Back T.D.: <u>3597</u> Packer Set At: <u>3556</u> |                                                                                         |
| Lifting Method: <input type="checkbox"/> None <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> ESP           |                              | Type Liquid: <u>oil</u> API Gravity of Liquid / Oil: <u>34</u>                                  |                                                                                         |
| Casing Diameter: <u>5.5</u>                                                                                                                                        | Weight: <u>15.5</u>          | I.D.: _____                                                                                     | Set At: <u>3758</u> Perforations: _____ To: _____                                       |
| Tubing Diameter: <u>2 3/8</u>                                                                                                                                      | Weight: _____                | I.D.: _____                                                                                     | Set At: <u>3698</u> Perforations: <u>3584</u> To: <u>3584</u>                           |
| <u>GPS 39.00631 099.18235 26" stroke 5.6 strokes per min. 3627 - 3629</u>                                                                                          |                              |                                                                                                 |                                                                                         |
| Pretest Starting Date: _____ Time: _____                                                                                                                           |                              | Ending Date: _____ Time: _____                                                                  |                                                                                         |
| Test Starting Date: <u>12-28-14</u> Time: <u>9:30</u>                                                                                                              |                              | Ending Date: <u>12-29-14</u> Time: <u>9:30</u>                                                  |                                                                                         |

**OIL PRODUCTION OBSERVED DATA**

| Producing Wellhead Pressure |                         |                         | Separator Pressure |        |         |              |        |         | Choke Size    |      |
|-----------------------------|-------------------------|-------------------------|--------------------|--------|---------|--------------|--------|---------|---------------|------|
| Casing:            Psig     |                         | Tubing:            Psig |                    | Psig   |         |              |        |         |               |      |
| Bbls./In.                   | Stock Tank              |                         | Starting Gauge     |        |         | Ending Gauge |        |         | Net API Bbls. |      |
|                             | Size                    | Number                  | Feet               | Inches | Barrels | Feet         | Inches | Barrels | Water         | Oil  |
| Pretest:                    | 12x10 2600BL Ser. 34536 |                         |                    | 3.5"   | 5.84    |              | 3.0"   | 5.01    | 5.01          | 5.84 |
| Test 1:                     |                         |                         |                    |        |         |              |        |         |               |      |
| Test 2:                     |                         |                         |                    |        |         |              |        |         |               |      |

**GAS PRODUCTION OBSERVED DATA**

| Orifice Meter Connections                                                          |                                |                           | Orifice Meter Location              |                     |  | Check one: <input type="checkbox"/> Downstream of Separator <input type="checkbox"/> At Wellhead |                               |                |
|------------------------------------------------------------------------------------|--------------------------------|---------------------------|-------------------------------------|---------------------|--|--------------------------------------------------------------------------------------------------|-------------------------------|----------------|
| Check one: <input type="checkbox"/> Pipe Taps <input type="checkbox"/> Flange Taps |                                |                           | Ranges > Differential: _____ Inches |                     |  | Static Pressure: _____ inches / psi                                                              |                               |                |
| Type Measuring Device                                                              | Sales Line Entry Size (inches) | Orifice Size              | Meter - Prover - Tester Pressure    |                     |  | Diff. Pressure (H <sub>w</sub> ) or (h <sub>d</sub> )                                            | Gas Gravity (G <sub>g</sub> ) | Flow Temp. (t) |
| In. Water                                                                          | In. Merc.                      | Psig or (P <sub>d</sub> ) | %CO <sub>2</sub>                    | H <sub>2</sub> Sppm |  |                                                                                                  |                               |                |
| Orifice Meter                                                                      |                                |                           |                                     |                     |  |                                                                                                  |                               |                |
| Critical Flow Prover                                                               |                                |                           |                                     |                     |  |                                                                                                  |                               |                |
| MERLA Well Tester                                                                  |                                |                           |                                     |                     |  |                                                                                                  |                               |                |

**GAS FLOW RATE CALCULATIONS (R)**

| Plate Coeff. MCFD (F <sub>b</sub> ) (F <sub>p</sub> ) | Meter - Prover Press. (Psia) (P <sub>p</sub> ) | Press Extension $\sqrt{h_w \times P_m}$ | Gravity Factor (F <sub>g</sub> ) | Choke Setting | Flowing Temp. Factor (F <sub>t</sub> ) | Deviation Factor (F <sub>pv</sub> ) | Sqr. Rt. Chart Factor (F <sub>i</sub> ) |
|-------------------------------------------------------|------------------------------------------------|-----------------------------------------|----------------------------------|---------------|----------------------------------------|-------------------------------------|-----------------------------------------|
| Trial 1:                                              |                                                |                                         |                                  |               |                                        |                                     |                                         |
| Trial 2:                                              |                                                |                                         |                                  |               |                                        |                                     |                                         |

Gas Prod. MCF Flow Rate (R): \_\_\_\_\_ Oil Prod. Bbls / Day: \_\_\_\_\_ Gas / Oil Ratio (GOR): \_\_\_\_\_ Cubic Feet per Bbl.

The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that every aspect of said report is true and correct. Executed this 19 day of December 2014

George L. Young  
For Offset Operator

[Signature]  
For Commission

[Signature]  
For Company

Mail to: KCC - Conservation Division, 266 N Main St, Ste 220, Wichita, KS 67202-1513



# QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025  
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 821

|      |          |      |    |      |    |       |    |                            |       |       |        |             |  |        |         |
|------|----------|------|----|------|----|-------|----|----------------------------|-------|-------|--------|-------------|--|--------|---------|
| Date | 10-17-14 | Sec. | 14 | Twp. | 12 | Range | 17 | County                     | Ellis | State | KANSAS | On Location |  | Finish | 9:00 PM |
|      |          |      |    |      |    |       |    | Location                   |       |       |        |             |  |        |         |
|      |          |      |    |      |    |       |    | Codell RD & Buckey RD. Jct |       |       |        |             |  |        |         |

|                     |                            |                                                                                                                                                                                |           |                                                                                  |                 |
|---------------------|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------------------------------------------------------------------------|-----------------|
| Lease               | Miller                     | Well No.                                                                                                                                                                       | 1-14      | Owner                                                                            | 1/4 N 1/4 E D&O |
| Contractor          | Discovery DRG. Rig #3 Mike | To Quality Oilwell Cementing, Inc.<br>You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed. |           |                                                                                  |                 |
| Type Job            | Surface                    |                                                                                                                                                                                |           |                                                                                  |                 |
| Hole Size           | 12"4                       | T.D.                                                                                                                                                                           | 223'      | Charge To                                                                        | MIKOL OIL LLC.  |
| Csg.                | 8 5/8                      | Depth                                                                                                                                                                          | 223       | Street                                                                           |                 |
| Tbg. Size           |                            | Depth                                                                                                                                                                          |           | City                                                                             | State           |
| Tool                |                            | Depth                                                                                                                                                                          |           | The above was done to satisfaction and supervision of owner agent or contractor. |                 |
| Cement Left in Csg. | 15'                        | Shoe Joint                                                                                                                                                                     |           | Cement Amount Ordered                                                            | 150 sx Com.     |
| Meas Line           |                            | Displace                                                                                                                                                                       | 13.25 bbl |                                                                                  | 2% Gel 3% cc    |

## EQUIPMENT

|         |    |     |          |          |          |     |
|---------|----|-----|----------|----------|----------|-----|
| Pumptrk | 17 | No. | Cementer | Glenn G. | Common   | 150 |
|         |    |     | Helper   | Cody R.  | Poz. Mix |     |
| Bulktrk | 15 | No. | Driver   | Tyson S. | Gel.     | 3   |
|         |    |     | Driver   |          | Calcium  | 5   |
| Bulktrk |    | No. | Driver   |          |          |     |
|         |    |     | Driver   |          |          |     |

## JOB SERVICES & REMARKS

|                    |                         |
|--------------------|-------------------------|
| Remarks:           | Hulls                   |
| Rat Hole           | Salt                    |
| Mouse Hole         | Flowseal                |
| Centralizers       | Kol-Seal                |
| Baskets            | Mud CLR 48              |
| D/V or Port Collar | CFL-117 or CD110 CAF 38 |
|                    | Sand                    |
|                    | Handling 150            |
|                    | Mileage                 |

## FLOAT EQUIPMENT

|             |
|-------------|
| Guide Shoe  |
| Centralizer |
| Baskets     |
| AFU Inserts |
| Float Shoe  |
| Latch Down  |

Cement Circulated

THANK IS

Pumptrk Charge Surface

Mileage 15

X Signature

John Dasher

Tax

Discount

Total Charge



# QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025  
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 776

Date 10-23-14 Sec 14 Twp. 12 Range 17 County Ellis State KS On Location 10.00pm Finish 4.15Am

Lease Miller Location Codell RD Buckeye RD 1/4 N

Well No. 1-14 Owner Einto

Contractor Discovery 3 To Quality Oilwell Cementing, Inc.  
You are hereby requested to rent cementing equipment and furnish  
cementer and helper to assist owner or contractor to do work as listed.

Type Job pipe job T.D. 3765 C.T. Mikol Oil

Hole Size 7 7/8 Depth 3762.62 S

Csg. 5 1/2 Depth City State

Tbg. Size Depth The above was done to satisfaction and supervision of owner agent or contractor.

Tool Depth Cement Amount Ordered 200 Com 10% Salt

Cement Left in Csg. 22.8ft Shoe Joint 22.8ft

Meas Line 15.5 Displace 89.

## EQUIPMENT

Pumptrk 20 No. Cementer mat Common 200

Bulktrk 14 No. Helper mat Poz. Mix

Bulktrk pu No. Driver Nick Gel.

Bulktrk pu No. Driver tyson Calcium

## JOB SERVICES & REMARKS

Hulls

Remarks: Salt 17

Rat Hole 30 5/8 Flowseal

Mouse Hole 15 5/8 Kol-Seal

Centralizers 3, 5, 6, 9, 57 Mud CLR 48 500 gal

Baskets 57 CFL-117 or CD110 CAF 38

Port Collar #58 1347ft Sand

Dropped Ball Circulated Handling 217

30 min Run mud flush Mileage 50

plugged Port and mouse FLOAT EQUIPMENT

note mixed SS down Guide Shoe

hole Displace with Centralizer 1

water Baskets 5

Lift 600 AFU Inserts

Land 1500 Float Shoe 1

PSI Latch Down 1

PSI Port Collar

Pumptrk Charge proed string

Mileage 15

Signature James W. Priesner

Tax

Discount

Total Charge



# QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025  
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 780

|                         |          |      |    |      |    |       |    |                                                                                                                                          |       |       |    |             |          |        |          |
|-------------------------|----------|------|----|------|----|-------|----|------------------------------------------------------------------------------------------------------------------------------------------|-------|-------|----|-------------|----------|--------|----------|
| Date                    | 10-28-14 | Sec. | 14 | Twp. | 12 | Range | 17 | County                                                                                                                                   | Ellis | State | KS | On Location | 10.30 AM | Finish | 12.00 PM |
| Lease                   |          |      |    |      |    |       |    | Location                                                                                                                                 |       |       |    |             |          |        |          |
| Miller                  |          |      |    |      |    |       |    | Codell and Buckeye RD                                                                                                                    |       |       |    |             |          |        |          |
| Contractor              |          |      |    |      |    |       |    | Owner                                                                                                                                    |       |       |    |             |          |        |          |
| Westech Well Service    |          |      |    |      |    |       |    | JAN WIRTO                                                                                                                                |       |       |    |             |          |        |          |
| Type Job                |          |      |    |      |    |       |    | To Quality Oilwell Cementing, Inc.                                                                                                       |       |       |    |             |          |        |          |
| port collar             |          |      |    |      |    |       |    | You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed. |       |       |    |             |          |        |          |
| Hole Size               |          |      |    |      |    |       |    | Charge To                                                                                                                                |       |       |    |             |          |        |          |
| 5 1/2                   |          |      |    |      |    |       |    | Mikol Oil                                                                                                                                |       |       |    |             |          |        |          |
| Csg.                    |          |      |    |      |    |       |    | Street                                                                                                                                   |       |       |    |             |          |        |          |
| 5 1/2                   |          |      |    |      |    |       |    | City                                                                                                                                     |       |       |    |             |          |        |          |
| Tbg. Size               |          |      |    |      |    |       |    | State                                                                                                                                    |       |       |    |             |          |        |          |
| 2 1/2                   |          |      |    |      |    |       |    | The above was done to satisfaction and supervision of owner agent or contractor.                                                         |       |       |    |             |          |        |          |
| Tool                    |          |      |    |      |    |       |    | Cement Amount Ordered                                                                                                                    |       |       |    |             |          |        |          |
| Depth                   |          |      |    |      |    |       |    | 225 Qmdc                                                                                                                                 |       |       |    |             |          |        |          |
| Depth                   |          |      |    |      |    |       |    | Yr floored used 140                                                                                                                      |       |       |    |             |          |        |          |
| Cement Left in Csg.     |          |      |    |      |    |       |    | Common 140                                                                                                                               |       |       |    |             |          |        |          |
| Shoe Joint              |          |      |    |      |    |       |    | Poz. Mix                                                                                                                                 |       |       |    |             |          |        |          |
| Meas Line               |          |      |    |      |    |       |    | Gel.                                                                                                                                     |       |       |    |             |          |        |          |
| Displace                |          |      |    |      |    |       |    | Calcium                                                                                                                                  |       |       |    |             |          |        |          |
| EQUIPMENT               |          |      |    |      |    |       |    | Hulls                                                                                                                                    |       |       |    |             |          |        |          |
| Pumptrk 20 No. Cementer |          |      |    |      |    |       |    | Salt                                                                                                                                     |       |       |    |             |          |        |          |
| Bulktrk 9 No. Helper    |          |      |    |      |    |       |    | Flowseal 56 #                                                                                                                            |       |       |    |             |          |        |          |
| Bulktrk 9 No. Driver    |          |      |    |      |    |       |    | Kol-Seal                                                                                                                                 |       |       |    |             |          |        |          |
| Bulktrk 9 No. Driver    |          |      |    |      |    |       |    | Mud CLR 48                                                                                                                               |       |       |    |             |          |        |          |
| Bulktrk 9 No. Driver    |          |      |    |      |    |       |    | CFL-117 or CD110 CAF 38                                                                                                                  |       |       |    |             |          |        |          |
| Bulktrk 9 No. Driver    |          |      |    |      |    |       |    | Sand                                                                                                                                     |       |       |    |             |          |        |          |
| Bulktrk 9 No. Driver    |          |      |    |      |    |       |    | Handling 225                                                                                                                             |       |       |    |             |          |        |          |
| Bulktrk 9 No. Driver    |          |      |    |      |    |       |    | Mileage                                                                                                                                  |       |       |    |             |          |        |          |
| JOB SERVICES & REMARKS  |          |      |    |      |    |       |    | FLOAT EQUIPMENT                                                                                                                          |       |       |    |             |          |        |          |
| Remarks:                |          |      |    |      |    |       |    | Guide Shoe                                                                                                                               |       |       |    |             |          |        |          |
| Rat Hole                |          |      |    |      |    |       |    | Centralizer                                                                                                                              |       |       |    |             |          |        |          |
| Mouse Hole              |          |      |    |      |    |       |    | Baskets                                                                                                                                  |       |       |    |             |          |        |          |
| Centralizers            |          |      |    |      |    |       |    | AFU Inserts                                                                                                                              |       |       |    |             |          |        |          |
| Baskets                 |          |      |    |      |    |       |    | Float Shoe                                                                                                                               |       |       |    |             |          |        |          |
| D/V or Port Collar      |          |      |    |      |    |       |    | Latch Down                                                                                                                               |       |       |    |             |          |        |          |
| 1345 ft                 |          |      |    |      |    |       |    | Pumptrk Charge                                                                                                                           |       |       |    |             |          |        |          |
| test tool to 1000 PSI   |          |      |    |      |    |       |    | port collar                                                                                                                              |       |       |    |             |          |        |          |
| Open mix 140 SHS to     |          |      |    |      |    |       |    | Mileage 15                                                                                                                               |       |       |    |             |          |        |          |
| See face shut tool      |          |      |    |      |    |       |    | Tax                                                                                                                                      |       |       |    |             |          |        |          |
| tested to 1000 PSI      |          |      |    |      |    |       |    | Discount                                                                                                                                 |       |       |    |             |          |        |          |
| Run 10 Sonit Washed     |          |      |    |      |    |       |    | Total Charge                                                                                                                             |       |       |    |             |          |        |          |
| Clean                   |          |      |    |      |    |       |    |                                                                                                                                          |       |       |    |             |          |        |          |
| Cement I did            |          |      |    |      |    |       |    |                                                                                                                                          |       |       |    |             |          |        |          |
| Circulate               |          |      |    |      |    |       |    |                                                                                                                                          |       |       |    |             |          |        |          |
| Signature               |          |      |    |      |    |       |    |                                                                                                                                          |       |       |    |             |          |        |          |