

**CONFIDENTIAL**

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
**WELL COMPLETION FORM**  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

**ORIGINAL**

Form ACO-1  
June 2009  
Form Must Be Typed  
Form must be Signed  
All blanks must be Filled

7/20/11

OPERATOR: License # 33937  
Name: Meridian Energy Inc.  
Address 1: 1475 North Ward Cr.  
Address 2:  
City: Franktown State: CO Zip: 80116  
Contact Person: Neal LaFon  
Phone: (303) 688-4022  
CONTRACTOR: License # 33905  
Name: Royal Drilling Inc.  
Wellsite Geologist: Neal LaFon  
Purchaser: none  
Designate Type of Completion:

- New Well       Re-Entry       Workover
- Oil      WSW       SWD       StOW
- Gas       D&A       ENHR       SIGW
- OG       GSW       Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic       Other (Coro, 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  
 Conv. to GSW  
 Plug Back:      Plug Back Total Depth  
 Commingled      Permit #: \_\_\_\_\_  
 Dual Completion      Permit #: \_\_\_\_\_  
 SWD      Permit #: \_\_\_\_\_  
 ENHR      Permit #: \_\_\_\_\_  
 GSW      Permit #: \_\_\_\_\_  
2/26/2011      3/4/2011      3/4/2011  
Spud Date or      Date Reached TD      Completion Date or  
Recompletion Date           Recompletion Date

API No. 15 - 163-23928-00-00  
Spot Description: N/2 SE SE  
N/2 SE SE      Sec. 32      Twp. 9      S. R. 18      East West  
1,120      Feet from      North /  South Line of Section  
660      Feet from       East /      West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE       NW       SE       SW  
County: Rooks  
Lease Name: Eichman      Well #: 1  
Field Name:  
Producing Formation:  
Elevation: Ground: 2171      Kelly Bushing: 2177  
Total Depth: 3800      Plug Back Total Depth:  
Amount of Surface Pipe Set and Cemented at: 237      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

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**Drilling Fluid Management Plan**  
(Data must be collected from the Reserve Pit)  
Chloride content: 1500      ppm      Fluid volume: 50      bbls  
Dewatering method used: Evaporation  
Location of fluid disposal if hauled offsite:  
Operator Name:  
Lease Name:      License #:  
Quarter      Sec.      Twp.      S. R.      East West  
County:      Permit #:

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

**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.

Signature: Neal LaFon  
Title: President      Date: 7/20/11

**KCC Office Use ONLY**

Letter of Confidentiality Received  
Date: 7/20/11 ~ 7/20/11

Confidential Release Date:  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

ALT  I  II  III Approved by: DG Date: 7/20/11

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JUL 21 2011  
CONSERVATION DIVISION  
WICHITA, KS

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Operator Name: Meridian Energy Inc. Lease Name: Eichmanq  
 Sec. 32 Twp. 9 S. R. 18  East  West County: Rooks

**INSTRUCTIONS:** Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken  Yes  No  
 (Attach Additional Sheets)

Samples Sent to Geological Survey  Yes  No

Cores Taken  Yes  No

Electric Log Run  Yes  No

Electric Log Submitted Electronically  Yes  No  
 (If no, Submit Copy)

| Name             | Top  | Datum |
|------------------|------|-------|
| Anhydrite        | 1543 | +634  |
| Topeka           | 3132 | -955  |
| Heebner          | 3346 | -1169 |
| Kansas City      | 3390 | -1213 |
| Cong             | 3618 | -1441 |
| Simpson Dolomite | 3712 | -1535 |
| Arbuckle         | 3736 | -1559 |

List All E. Logs Run:  
 Dual Induction  
 Dual Compensated Porosity

| 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 |
| surf  |                   | 8.625                     |                   | 221           |                | 15054        |                            |
|   |                   |                           |                   |               |                |              |                            |
|   |                   |                           |                   |               |                |              |                            |

| ADDITIONAL CEMENTING / SQUEEZE RECORD  |                  |                |              |                            |
|--|------------------|----------------|--------------|----------------------------|
| Purpose:   | Depth Top Bottom | Type of Cement | # Sacks Used | Type and Percent Additives |
| <input type="checkbox"/> Perforate<br><input type="checkbox"/> Protect Casing<br><input type="checkbox"/> Plug Back TD<br><input type="checkbox"/> Plug Off Zone |                  |                |              |                            |

| 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) (Submit ACO-4)<br><input type="checkbox"/> Other (Specify) _____ | PRODUCTION INTERVAL:<br>_____<br>_____ |
|--|---|--|

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# ALLIED CEMENTING CO., LLC. 034162

REMIT TO: P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT: Russell

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|                          |                 |                              |                 |                     |                 |           |            |
|--------------------------|-----------------|------------------------------|-----------------|---------------------|-----------------|-----------|------------|
| DATE <u>3-5-11</u>       | SEC. <u>32</u>  | TWP. <u>9</u>                | RANGE <u>18</u> | CALLED OUT          | LOCATION        | JOB START | JOB FINISH |
| LEASE <u>Euchre</u>      | WELL # <u>1</u> | LOCATION <u>Planville 15</u> | CONFIDENTIAL    | COUNTY <u>Rooks</u> | STATE <u>KS</u> |           |            |
| OLD OR NEW (Circle one): |                 | <u>Enite</u>                 |                 |                     |                 |           |            |

CONTRACTOR Reed Drilling Co #1

TYPE OF JOB PTA

HOLE SIZE 3 7/8 T.D.

CASING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE 4 1/2 DEPTH 3700'

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_

CEMENT LEFT IN CSG: \_\_\_\_\_

PERFS: \_\_\_\_\_

DISPLACEMENT \_\_\_\_\_

OWNER \_\_\_\_\_

CEMENT AMOUNT ORDERED 245

COMMON \_\_\_\_\_

POZMIX \_\_\_\_\_

GEL \_\_\_\_\_

CHLORIDE \_\_\_\_\_

ASC \_\_\_\_\_

**EQUIPMENT**

PUMP TRUCK CEMENTER Steve Heath

# 417 HELPER Tony

BULK TRUCK \_\_\_\_\_

# 422 DRIVER Todd

BULK TRUCK \_\_\_\_\_

# \_\_\_\_\_ DRIVER \_\_\_\_\_

HANDLING \_\_\_\_\_

MILEAGE \_\_\_\_\_

**REMARKS:**

|                  |                |               |
|------------------|----------------|---------------|
| <u>15</u>        | <u>3700</u>    | <u>25 sks</u> |
| <u>1560</u>      | <u>25 sks</u>  |               |
| <u>95</u>        | <u>100 sks</u> |               |
| <u>29</u>        | <u>40 sks</u>  |               |
| <u>40</u>        | <u>10 sks</u>  |               |
| <u>Rel Hole</u>  | <u>30 sks</u>  |               |
| <u>More Hole</u> | <u>15 sks</u>  |               |

CHARGE TO: Meridian Energy

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

TOTAL \_\_\_\_\_

SERVICE \_\_\_\_\_

DEPTH OF JOB \_\_\_\_\_

PUMP TRUCK CHARGE \_\_\_\_\_

EXTRA FOOTAGE @ \_\_\_\_\_

MILEAGE @ \_\_\_\_\_

MANIFOLD @ \_\_\_\_\_

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TOTAL

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**PLUG & FLOAT EQUIPMENT**

To Allied Cementing Co., LLC.  
You are hereby requested to rent cementing equipment

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

Dis Hole Plug @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

# ALLIED CEMENTING CO., LLC. 034117

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT: Russell KS

KCC

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|  |                 |                            |                 |                    |                           |                            |
|--|-----------------|----------------------------|-----------------|--------------------|---------------------------|----------------------------|
| DATE <u>2-26-2011</u>  | SEC. <u>32</u>  | TWP. <u>9</u>              | RANGE <u>18</u> | CALLED ON LOCATION | JOB START <u>10:00 PM</u> | JOB FINISH <u>10:30 PM</u> |
| LEASE <u>Edman</u>   | WELL # <u>1</u> | LOCATION <u>Plainville</u> | <u>3 W 14 N</u> | COUNTY <u>ROCK</u> | STATE <u>KANSAS</u>       |                            |
| <input checked="" type="checkbox"/> OLD OR <input type="checkbox"/> NEW (Circle one) |                 |                            |                 |                    |                           |                            |

CONTRACTOR Royal Dalg Rig #1

TYRE OF JOB Cement SURFACE CSG

HOLE SIZE 12 1/4 T.D. 237'

CASING SIZE 8 5/8 New DEPTH 237

TUBING SIZE 23 # CSG DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG 15'

PERFS

DISPLACEMENT 14.14 BBL

OWNER

CEMENT

AMOUNT ORDERED 160 SX Cement

39000

29000

COMMON

POZMIX

GEL

CHLORIDE

ASC

**EQUIPMENT**

PUMP TRUCK CEMENTER SKANN

# 398 HELPER WOODY

BULK TRUCK

# 378 DRIVER TODD

BULK TRUCK

# DRIVER

HANDLING

MILEAGE

TOTAL

**REMARKS:**

Ran 5 New JTS 8 5/8 CSG

SPURT @ 237' Cement

w/ 160 SX Com 2+3. Displaced

14.14 BBL Shut in @ 250#.

Cement did circulate

TO SURFACE.

THANKS

CHARGE TO Meridian Energy Inc.

STREET

CITY STATE ZIP

**SERVICE**

DEPTH OF JOB 1

PUMP TRUCK CHARGE

EXTRA FOOTAGE @

MILEAGE @

MANIFOLD @

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KCC INDUSTRIA

**PLUG & FLOAT EQUIPMENT**

To Allied Cementing Co., LLC.

You are hereby requested to rent cementing equipment

## WELL REPORT

Well: Meridian Energy Inc. #1 Eichman  
Approx. N/2 SE SE Section 32  
1120' fsl x 660' fel  
T. 9 S., R. 18W.  
Rooks County, Kansas

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Elevation: GL 2171  
KB 2177

Total Depth: Driller 3800 Logger 3898

Date spudded: 12/7/09

Date completed: 3/4/11

Drill Stem Test: 2 tests Kansas City, Simpson dolomite

Results: Plugged and Abandoned

Drilling Contractor: Royal Drilling, Rig 1

Mud Contractor: Andy's Mud

Logs Run: Log-Tech- Dual Induction Log/ Neutron/Density

Wellsite Geologist: Neal LaFon- Franktown, Colorado

### FORMATION TOPS

|                  |      |       |
|------------------|------|-------|
| Anhydrite        | 1543 | +634  |
| Topeka           | 3132 | - 955 |
| Heebner          | 3346 | -1169 |
| Toronto          | 3372 | -1195 |
| Kansas City      | 3390 | -1213 |
| Conglomerate     | 3618 | -1441 |
| Simpson Dolomite | 3712 | -1535 |
| Arbuckle         | 3736 | -1559 |
| Total Depth      | 3800 |       |

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3500-3515 Ls, wt, chalky, soft, no show, one grn w/SSFO, poor por vugular, lots ls, wt micro xtn, tt, no show, some chert

H 3520-3534 Ls, wt, micro xtn, tt, no show, tr chert, tr chalky, no show

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I 3540-3550 Ls, gry-wt, micro xtn, tt, no show, one grn foss, moldic por, poor p and p, v lt stn NSFO

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J 3550-3568 Ls, wt, micro xtn, tt, no show, one grn brn, poor oomoldic por, lt stn NSFO

K 3578-3590 Ls, brn, m xtn, intergran por, fair amt /vug por, mostly poor por, brn stn, NSFO (washed out?), one grn FSFO, bleeding oil, pinpt vug por, (tested by DST #1)

L 3600-3606 Ls, wt, med grnstn, gd por, blk stn, FSFO, some Ls, m xtn, w/pin pt vug por, one grn oozing oil, GSFO gd odor

CONG 3610-3625 shale, red

3625-3642 chert, wt, no show

3642-3700 chert, glassy, lots dead bitumen, some weathered chert, w/ intergran por, NSFO, some large chunks of bitumin 1/4 " across!

3700-3710 Sh, green Dolomite, wt, f x tln, tt, no show

SIMPSON

DOLOMITE 3715-3717 Dolo, red-wt, m xtn, p-exc por, blk stn, GSFO some big vugs, gd stn, gd odor, (DST #2)

1

3717-3746 Sh, red, blue, green

ARBUCKLE 3746- 3800 Dolo, buff, f xtn, tt, no show, couple pieces w/vug por, no show

BIT RECORD:

1 7 7/8 QX20 out at 2811 made 2590  
2 7 7/8 EPO216 out at 3665 made 854

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**MUD RECORD**

|        |        |        |        |      |         |
|--------|--------|--------|--------|------|---------|
| 3/1/11 | @2850' | WT 8.6 | VIS 60 | WL 8 | MC 1/32 |
| 3/2/11 | @ 3275 | WT 9.1 | VIS 54 | WL 8 | MC 1/32 |
| 3/3/11 | @ 3643 | WT 9.2 | VIS 54 | WL 8 | MC 1/32 |
| 3/4/11 | @ 3725 | WT 9.2 | VIS 53 | WL 8 | MC 1/32 |

**DEVIATIONS**

|        |     |
|--------|-----|
| @ 2380 | 3/4 |
| @ 3643 | 1   |

**DRILL STEM TESTS**

Dst #1 3555-3643 OP 5 SI 45 OP 90 SI 90  
Rec 55' MCO (60% oil 40% M- .77 bbls)  
FP 30-30 32-38  
SIPP 1015-961

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Tool slid 5 ' to bottom- good test

Dst #2 3710-3725 OP 5 SI 45 OP 60 SI 60

Rec: 185 ' SOCW (3% O, 97% W)  
1240' W

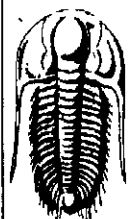
RW .13 @ 70 degrees, 25,000 ppm chlorides

**COMMENTS**

This well came in structurally flat with the old plugged producers to the west. DST of the Simpson dolomite revealed it to be depleted of oil. Dst of Kansas City recovered non-commercial amounts of oil from a thin and largely tight and impermeable zone.

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**TRILOBITE TESTING, INC**

**DRILL STEM TEST REPORT**

Meridian Energy Inc  
1475 N Ward Cr  
Franktown Co 80116  
ATTN: Neal LaFon

Eichman # 1  
32-9-18-Rooks-Ks  
Job Ticket: 041691  
DST#: 2  
Test Start: 2011.03.04 @ 06:20:17

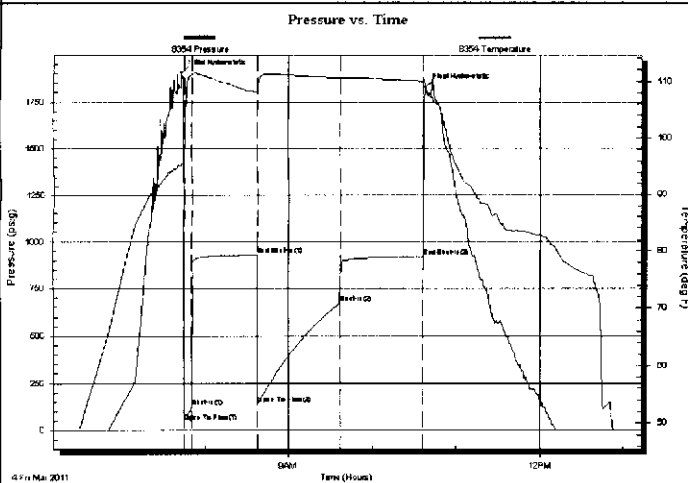
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**GENERAL INFORMATION:**

Formation: **Simpson Dolomite**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 07:45:17  
Time Test Ended: 12:53:47  
Test Type: Conventional Bottom Hole  
Tester: Dan Bangle  
Unit No: 38  
Interval: **3710.00 ft (KB) To 3725.00 ft (KB) (TVD)**  
Reference Elevations: 2177.00 ft (KB)  
Total Depth: 3643.00 ft (KB) (TVD)  
2171.00 ft (CF)  
Hole Diameter: 7.88 inches Hole Condition: Good  
KB to GR/CF: 6.00 ft

**Serial #: 8354 Inside**  
Press@RunDepth: 670.77 psig @ 3711.00 ft (KB) Capacity: 8000.00 psig  
Start Date: 2011.03.04 End Date: 2011.03.04 Last Calib.: 2011.03.04  
Start Time: 06:30:17 End Time: 12:53:47 Time On Btm: 2011.03.04 @ 07:43:27  
Time Off Btm: 2011.03.04 @ 10:37:47

TEST COMMENT: IF-Strong B-B in 3 min  
FF-Strong B-B in 5 min  
Times[5-45-60-60]



**PRESSURE SUMMARY**

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation           |
|-------------|-----------------|--------------|----------------------|
| 0           | 1901.73         | 95.25        | Initial Hydro-static |
| 2           | 46.75           | 95.33        | Open To Flow (1)     |
| 8           | 125.12          | 111.17       | Shut-In(1)           |
| 54          | 927.25          | 108.09       | End Shut-In(1)       |
| 55          | 141.30          | 109.08       | Open To Flow (2)     |
| 114         | 670.77          | 110.52       | Shut-In(2)           |
| 173         | 918.70          | 109.96       | End Shut-In(2)       |
| 175         | 1826.82         | 109.07       | Final Hydro-static   |

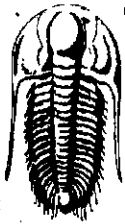
**Recovery**

| Length (ft) | Description          | Volume (bbl) |
|-------------|----------------------|--------------|
| 1240.00     | Gsy Wtr              | 17.39        |
| 185.00      | Silty OCWtr 3%o 97%w | 2.60         |
|             |                      |              |
|             |                      |              |
|             |                      |              |

**Gas Rates**

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

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**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Meridian Energy Inc  
1475 N Ward Cr  
Franktown Co 80116  
ATTN: Neal LaFon

Eichman # 1  
**32-9-18-Rooks-Ks**  
Job Ticket: 041691      DST#: 2  
Test Start: 2011.03.04 @ 06:20:17

**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: | 25000 ppm |
| Viscosity: 54.00 sec/qt          | Cushion Volume: bbl        |                 |           |
| Water Loss: 7.96 in <sup>3</sup> | Gas Cushion Type:          |                 |           |
| Resistivity: ohm.m               | Gas Cushion Pressure: psig |                 |           |
| Salinity: 3000.00 ppm            |                            |                 |           |
| Filter Cake: inches              |                            |                 |           |

**Recovery Information**

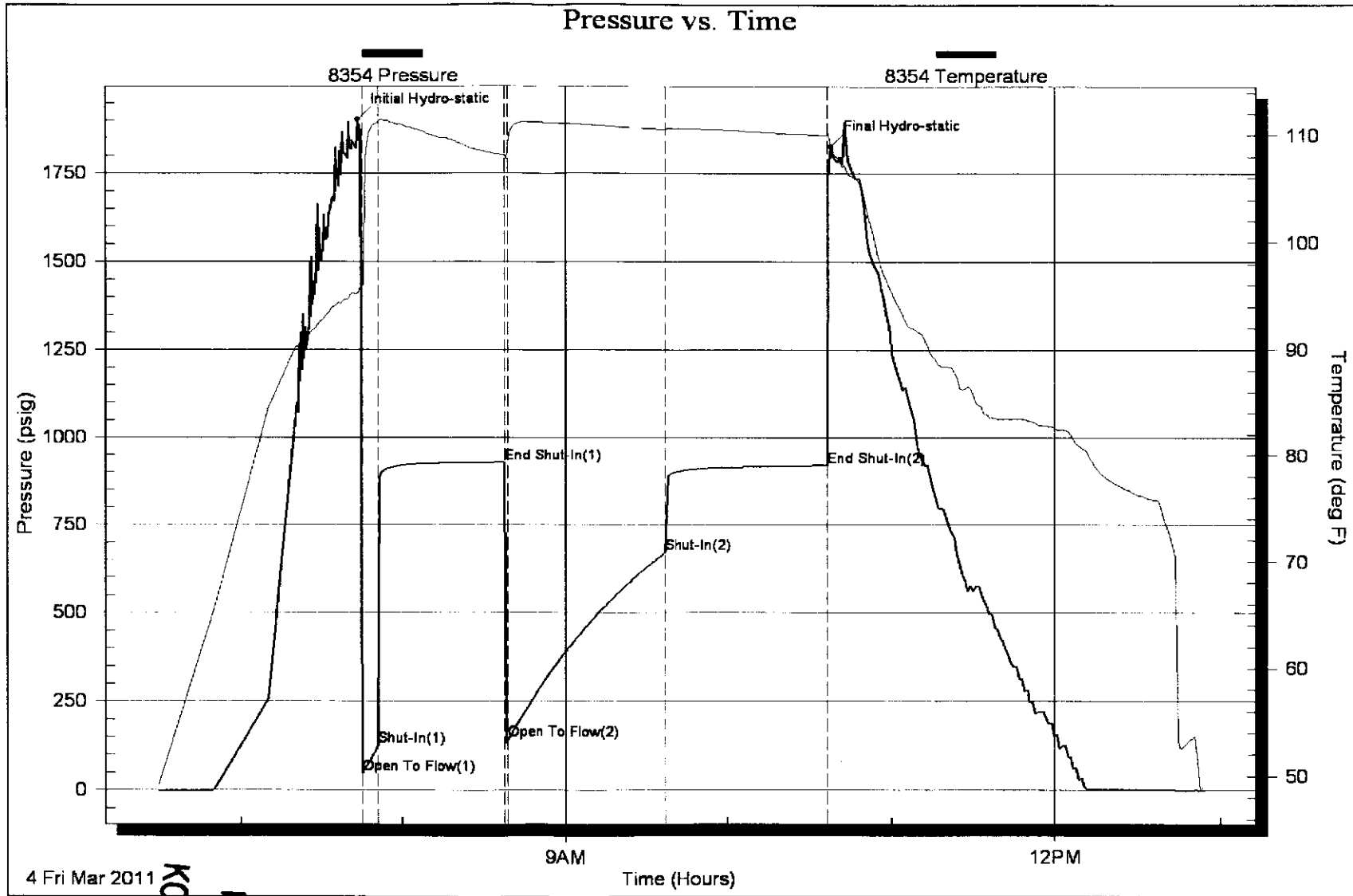
Recovery Table

| Length<br>ft | Description          | Volume<br>bbl |
|--------------|----------------------|---------------|
| 1240.00      | Gsy Wtr              | 17.394        |
| 185.00       | Sltly OCWtr 3%o 97%w | 2.595         |

Total Length: 1425.00 ft      Total Volume: 19.989 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments: Rw .13 @ 70 = 25000ppm

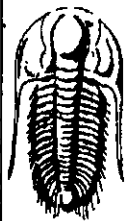
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**TRILOBITE TESTING, INC.**

## DRILL STEM TEST REPORT

Meridion Energy Inc  
 1475 N Ward Cr  
 Franktown Co 80116  
 ATTN: Neal LaFon

**Eichman # 1**

**32-9-18-Rooks-Ks**

Job Ticket: 041690

**DST#: 1**

Test Start: 2011.03.03 @ 11:56:29

### GENERAL INFORMATION:

Formation: **LKC**  
 Deviated: **No** Whipstock: **ft (KB)**  
 Time Tool Opened: 13:51:19  
 Time Test Ended: 19:01:59

Test Type: **Conventional Bottom Hole**  
 Tester: **Dan Bangle**  
 Unit No: **88**

Interval: **3555.00 ft (KB) To 3643.00 ft (KB) (TVD)**  
 Total Depth: **3643.00 ft (KB) (TVD)**  
 Hole Diameter: **7.88 inches** Hole Condition: **Good**

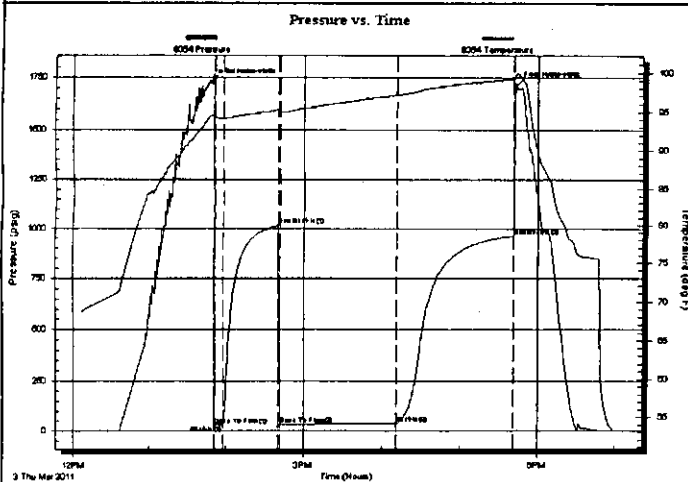
Reference Elevations: **2177.00 ft (KB)**  
**2171.00 ft (CF)**  
 KB to GR/CF: **6.00 ft**

**Serial #: 8354** **Inside**  
 Press@RunDepth: **38.31 psig @ 3562.00 ft (KB)**  
 Start Date: **2011.03.03** End Date: **2011.03.03**  
 Start Time: **12:06:29** End Time: **19:01:59**

Capacity: **8000.00 psig**  
 Last Calib.: **2011.03.03**  
 Time On Btm: **2011.03.03 @ 13:47:39**  
 Time Off Btm: **2011.03.03 @ 17:42:59**

TEST COMMENT: IF-Weak building to 1/2" [Slid tool 5' to bottom]  
 FF-Weak building to 3/4"  
 Times[5-45-90-90]

**KCC**  
**MAY 09 2011**  
**CONFIDENTIAL**



### PRESSURE SUMMARY

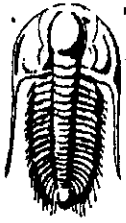
| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation           |
|-------------|-----------------|--------------|----------------------|
| 0           | 1729.63         | 94.53        | Initial Hydro-static |
| 4           | 30.64           | 94.50        | Open To Flow (1)     |
| 10          | 30.70           | 94.13        | Shut-In(1)           |
| 53          | 1015.38         | 95.26        | End Shut-In(1)       |
| 54          | 32.41           | 95.04        | Open To Flow (2)     |
| 144         | 38.31           | 97.14        | Shut-In(2)           |
| 234         | 961.63          | 99.15        | End Shut-In(2)       |
| 236         | 1715.43         | 99.81        | Final Hydro-static   |

### Recovery

| Length (ft) | Description    | Volume (bbl) |
|-------------|----------------|--------------|
| 55.00       | MCO 60%o 40% m | 0.77         |
|             |                |              |
|             |                |              |
|             |                |              |
|             |                |              |

### Gas Rates

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



**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Meridion Energy Inc  
1475 N Ward Cr  
Franktown Co 80116  
  
ATTN: Neal LaFon

**Eichman # 1**  
**32-9-18-Rooks-Ks**  
Job Ticket: 041690      **DST#: 1**  
Test Start: 2011.03.03 @ 11:56:29

**Mud and Cushion Information**

Mud Type: Gel Chem  
Mud Weight: 9.00 lb/gal  
Viscosity: 54.00 sec/qt  
Water Loss: 7.98 in<sup>3</sup>  
Resistivity: ohm.m  
Salinity: 3000.00 ppm  
Filter Cake: inches

Cushion Type:  
Cushion Length: ft  
Cushion Volume: bbl  
Gas Cushion Type:  
Gas Cushion Pressure: psig

Oil API: deg API  
Water Salinity: ppm

**Recovery Information**

Recovery Table

| Length<br>ft | Description   | Volume<br>bbl |
|--------------|---------------|---------------|
| 55.00        | MCO 60%o 40%m | 0.772         |

Total Length: 55.00 ft      Total Volume: 0.772 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

