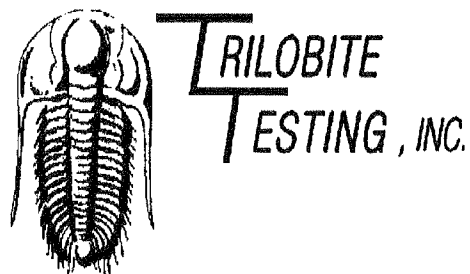


15-135-24888

15-20s-23w

REC



DRILL STEM TEST REPORT

Prepared For: **Pintail Petroleum LTD**

CONFIDENTIAL
MAY 19 2009

225 N Market
Suite 300
Wichita, KS 67202

ATTN: Flip Phillips

15-20s-23w Ness KS

Reinert Trust #1-15

Start Date: 2009.04.04 @ 17:42:07

End Date: 2009.04.05 @ 01:20:37

Job Ticket #: 36133 DST #: 1

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Pintail Petroleum LTD

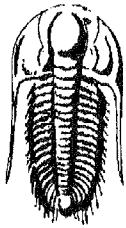
Reinert Trust #1-15

15-20s-23w Ness KS

DST # 1

Cherokee Sand

2009.04.04



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Pintail Petroleum LTD

225 N Market
Suite 300
Wichita, KS 67202
ATTN: Flip Phillips

Reinert Trust #1-15

15-20s-23w Ness KS

Job Ticket: 36133

DST#: 1

Test Start: 2009.04.04 @ 17:42:07

GENERAL INFORMATION:

Formation: **Cherokee Sand**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:57:37

Time Test Ended: 01:20:37

Test Type: Conventional Bottom Hole

Tester: Jason McLemore

Unit No: 32

Interval: **4336.00 ft (KB) To 4389.00 ft (KB) (TVD)**

Total Depth: 4389.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Good

Reference Elevations: 2275.00 ft (KB)

2270.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6755

Inside

Press@RunDepth: 494.08 psig @ 4339.00 ft (KB)

Start Date: 2009.04.04

End Date:

2009.04.05

Start Time: 17:42:09

End Time:

01:20:37

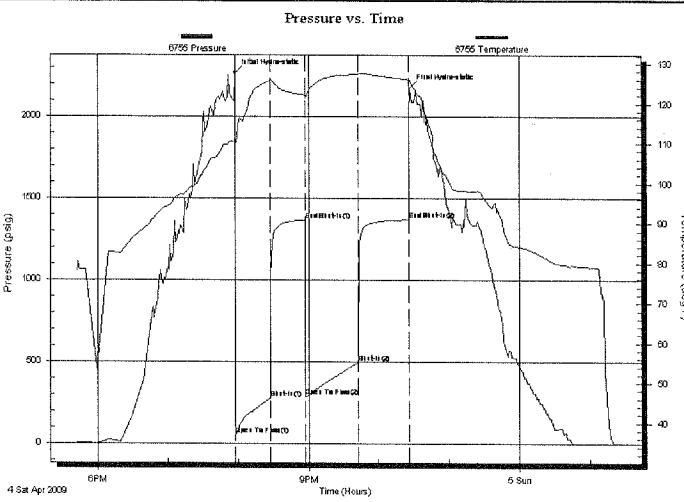
Capacity: 7000.00 psig

Last Calib.: 2009.04.05

Time On Btm: 2009.04.04 @ 19:57:07

Time Off Btm: 2009.04.04 @ 22:27:07

TEST COMMENT: IFF-Good Blow ,BOB in 7 Min.
ISI-Dead
FFP-Good Blow ,BOB in 9 Min.
FSI-Dead



PRESSURE SUMMARY

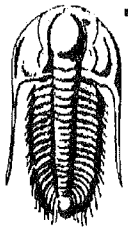
| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2268.03 | 110.82 | Initial Hydro-static |
| 1 | 49.10 | 109.61 | Open To Flow (1) |
| 30 | 276.65 | 125.63 | Shut-In(1) |
| 60 | 1366.88 | 122.19 | End Shut-In(1) |
| 61 | 285.28 | 121.45 | Open To Flow (2) |
| 106 | 494.08 | 127.35 | Shut-In(2) |
| 149 | 1368.95 | 126.05 | End Shut-In(2) |
| 150 | 2176.24 | 126.07 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|---------------------------|--------------|
| 660.00 | Muddy Water-90%W-10%M | 7.01 |
| 330.00 | GOCWM-10%G-25%O-30%W-35%M | 4.63 |
| 40.00 | Clean Oil | 0.56 |
| | | |
| | | |

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Pintail Petroleum LTD

Reinert Trust #1-15

225 N Market
Suite 300
Wichita, KS 67202
ATTN: Flip Phillips

15-20s-23w Ness KS
Job Ticket: 36133 **DST#: 1**
Test Start: 2009.04.04 @ 17:42:07

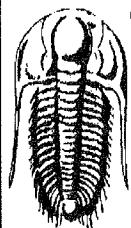
Tool Information

| | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe: | Length: 4086.00 ft | Diameter: 3.80 inches | Volume: 57.32 bbl | Tool Weight: 2000.00 lb |
| Heavy Wt. Pipe: | Length: 0.00 ft | Diameter: 2.70 inches | Volume: 0.00 bbl | Weight set on Packer: 25000.00 lb |
| Drill Collar: | Length: 247.00 ft | Diameter: 2.25 inches | Volume: 1.21 bbl | Weight to Pull Loose: 58000.00 lb |
| | | | <u>Total Volume: 58.53 bbl</u> | Tool Chased 0.00 ft |
| Drill Pipe Above KB: | 18.00 ft | | | String Weight: Initial 50000.00 lb |
| Depth to Top Packer: | 4336.00 ft | | | Final 54000.00 lb |
| Depth to Bottom Packer: | ft | | | |
| Interval between Packers: | 53.00 ft | | | |
| Tool Length: | 74.00 ft | | | |
| Number of Packers: | 2 | Diameter: 6.75 inches | | |

Tool Comments:

| Tool Description | Length (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths |
|------------------|-------------|------------|----------|------------|------------------------------------|
| Change Over Sub | 1.00 | | | 4316.00 | |
| Shut In Tool | 5.00 | | | 4321.00 | |
| Hydraulic tool | 5.00 | | | 4326.00 | |
| Packer | 5.00 | | | 4331.00 | 21.00 Bottom Of Top Packer |
| Packer | 5.00 | | | 4336.00 | |
| Stubb | 1.00 | | | 4337.00 | |
| Perforations | 1.00 | | | 4338.00 | |
| Recorder | 0.00 | 8360 | Inside | 4338.00 | |
| Change Over Sub | 1.00 | | | 4339.00 | |
| Recorder | 0.00 | 6755 | Inside | 4339.00 | |
| Blank Spacing | 32.00 | | | 4371.00 | |
| Change Over Sub | 1.00 | | | 4372.00 | |
| Perforations | 14.00 | | | 4386.00 | |
| Bullnose | 3.00 | | | 4389.00 | 53.00 Bottom Packers & Anchor |

Total Tool Length: 74.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Pintail Petroleum LTD

Reinert Trust #1-15

225 N Market
Suite 300
Wichita, KS 67202
ATTN: Flip Phillips

15-20s-23w Ness KS
Job Ticket: 36133 **DST#: 1**
Test Start: 2009.04.04 @ 17:42:07

Mud and Cushion Information

| | | | | | |
|--------------|-----------------|-----------------------|------|-----------------|------------|
| Mud Type: | Gel Chem | Cushion Type: | | Oil API: | 34 deg API |
| Mud Weight: | lb/gal | Cushion Length: | ft | Water Salinity: | 29000 ppm |
| Viscosity: | sec/qt | Cushion Volume: | bbl | | |
| Water Loss: | in ³ | Gas Cushion Type: | | | |
| Resistivity: | ohm.m | Gas Cushion Pressure: | psig | | |
| Salinity: | ppm | | | | |
| Filter Cake: | inches | | | | |

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|---------------------------|---------------|
| 660.00 | Muddy Water-90%W-10%M | 7.008 |
| 330.00 | GOCWM-10%G-25%O-30%W-35%M | 4.629 |
| 40.00 | Clean Oil | 0.561 |

Total Length: 1030.00 ft Total Volume: 12.198 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: RW .479 @ 35F 29,000 ppm chlorides

Serial #: 6755

Inside Pintai Petroleum LTD

15-20s-23w Ness KS

DST Test Number: 1

Pressure vs. Time

