

DRILL STEM TEST REPORT

Prepared For: **Stelbar Oil Corporation**

1625 N Waterfront Pkwy.
Wichita, KS 67206-6602

ATTN: David Goldak

LPR #1-21

S21-15-33 Logan, KS

Start Date: 2012.07.16 @ 15:33:00

End Date: 2012.07.17 @ 00:42:30

Job Ticket #: 48934 DST #: 2

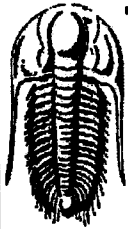
Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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Printed: 2012.07.25 @ 13:53:49

Stelbar Oil Corporation
S21-15-33 Logan, KS
LPR #1-21
DST # 2
LKC "I"
2012.07.16



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Stelbar Oil Corporation

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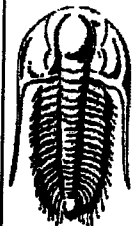
Tool Information

| | | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------|-------------|
| Drill Pipe: | Length: 4065.00 ft | Diameter: 3.80 inches | Volume: 57.02 bbl | Tool Weight: | 2500.00 lb |
| Heavy Wt. Pipe: | Length: 0.00 ft | Diameter: 0.00 inches | Volume: 0.00 bbl | Weight set on Packer: | 20000.00 lb |
| Drill Collar: | Length: 0.00 ft | Diameter: 2.25 inches | Volume: 0.00 bbl | Weight to Pull Loose: | 70000.00 lb |
| | | | Total Volume: 57.02 bbl | Tool Chased | 0.00 ft |
| Drill Pipe Above KB: | 8.50 ft | | | String Weight: Initial | 55000.00 lb |
| Depth to Top Packer: | 4084.00 ft | | | Final | 58000.00 lb |
| Depth to Bottom Packer: | ft | | | | |
| Interval between Packers: | 16.00 ft | | | | |
| Tool Length: | 43.50 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 | | | 4057.50 | |
| Shut In Tool | 5.00 | | | 4062.50 | |
| Hydraulic tool | 5.00 | | | 4067.50 | |
| Jars | 5.00 | | | 4072.50 | |
| Safety Joint | 2.50 | | | 4075.00 | |
| Packer | 5.00 | | | 4080.00 | 27.50 Bottom Of Top Packer |
| Packer | 4.00 | | | 4084.00 | |
| Stubb | 1.00 | | | 4085.00 | |
| Perforations | 2.00 | | | 4087.00 | |
| Recorder | 0.00 | 8018 | Inside | 4087.00 | |
| Recorder | 0.00 | 6751 | Outside | 4087.00 | |
| Perforations | 10.00 | | | 4097.00 | |
| Bullnose | 3.00 | | | 4100.00 | 16.00 Bottom Packers & Anchor |

Total Tool Length: 43.50



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FLUID SUMMARY

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DST#: 2

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Test Start: 2012.07.16 @ 15:33:00

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:

45000 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.50 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|--------------|---------------|
| 485.00 | MW 10m 90w | 6.803 |
| 70.00 | OSMW 30m 70w | 0.982 |

Total Length: 555.00 ft

Total Volume: 7.785 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW: .157 @ 77 Degrees F = 45000 PPM

Serial #: 6751

Outside Selbar Oil Corporation

LPR #1-21

DST Test Number: 2

