



DRILL STEM TEST REPORT

Prepared For: **Te-Pe Oil&Gas**

P.O. Box 522
Canton KS 67428

ATTN: Terry Bandy

29-15S-12W Russell

Steinle B #7

Start Date: 2004.08.25 @ 18:26:16

End Date: 2004.08.26 @ 00:38:45

Job Ticket #: 20163 DST #: 1

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Te-Pe Oil&Gas

Steinle B #7

29-15S-12W Russell

DST # 1

Arb.

2004.08.25



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TESTING, INC**

DRILL STEM TEST REPORT

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P.O. Box 522
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ATTN: Terry Bandy

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29-15S-12W Russell

Job Ticket: 20163

DST#: 1

Test Start: 2004.08.25 @ 18:26:16

GENERAL INFORMATION:

Formation: Arb.

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:58:45

Time Test Ended: 00:38:45

Test Type: Conventional Bottom Hole

Tester: Ray Schwager & Steve

Unit No: 28

Interval: 3296.00 ft (KB) To 3334.00 ft (KB) (TVD)

Total Depth: 3334.00 ft (KB) (TVD)

Hole Diameter: 7.85 inches Hole Condition: Fair

Reference Elevations: 1880.00 ft (KB)

1871.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 6668

Inside

Press@RunDepth: 236.32 psig @ 3302.01 ft (KB)

Capacity: 7000.00 psig

Start Date: 2004.08.25

End Date:

2004.08.26

Last Calib.: 2004.08.26

Start Time: 18:26:16

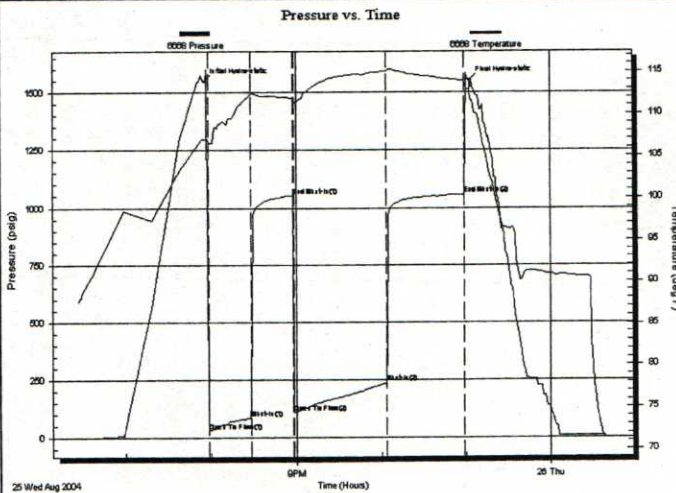
End Time:

00:38:45

Time On Btm: 2004.08.25 @ 19:55:45

Time Off Btm: 2004.08.25 @ 23:02:15

TEST COMMENT: FFP-w k to strg bl in 17 min
FFP-w k to strg bl in 16 min
Times 30-30-60-60
no bl on shut-in



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 1547.47 | 106.92 | Initial Hydro-static |
| 3 | 30.12 | 106.72 | Open To Flow (1) |
| 33 | 85.61 | 112.21 | Shut-In(1) |
| 62 | 1051.78 | 111.79 | End Shut-In(1) |
| 63 | 107.64 | 111.48 | Open To Flow (2) |
| 128 | 236.32 | 115.03 | Shut-In(2) |
| 183 | 1057.44 | 113.87 | End Shut-In(2) |
| 187 | 1551.58 | 112.85 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|---------------------|--------------|
| 90.00 | socm 1% oil 99% mud | 1.26 |
| 425.00 | w ater RW .26@73F | 5.96 |
| | | |
| | | |
| | | |

Gas Rates

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



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TOOL DIAGRAM

Te-Pe Oil&Gas

Steinle B #7

P.O. Box 522
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29-15S-12W Russell

Job Ticket: 20163

DST#: 1

ATTN: Terry Bandy

Test Start: 2004.08.25 @ 18:26:16

Tool Information

| | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe: | Length: 3298.00 ft | Diameter: 3.80 inches | Volume: 46.26 bbl | Tool Weight: 2200.00 lb |
| Heavy Wt. Pipe: | Length: 0.00 ft | Diameter: 0.00 inches | Volume: 0.00 bbl | Weight set on Packer: 25000.00 lb |
| Drill Collar: | Length: 0.00 ft | Diameter: 0.00 inches | Volume: 0.00 bbl | Weight to Pull Loose: 50000.00 lb |
| | | | Total Volume: 46.26 bbl | Tool Chased 0.00 ft |
| Drill Pipe Above KB: | 23.00 ft | | | String Weight: Initial 38000.00 lb |
| Depth to Top Packer: | 3296.00 ft | | | Final 40000.00 lb |
| Depth to Bottom Packer: | ft | | | |
| Interval between Packers: | 38.02 ft | | | |
| Tool Length: | 59.02 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 | | | 3276.00 | |
| Shut In Tool | 5.00 | | | 3281.00 | |
| Hydraulic tool | 5.00 | | | 3286.00 | |
| Packer | 5.00 | | | 3291.00 | 21.00 Bottom Of Top Packer |
| Packer | 5.00 | | | 3296.00 | |
| Stubb | 1.00 | | | 3297.00 | |
| Perforations | 5.00 | | | 3302.00 | |
| Recorder | 0.01 | 6668 | Inside | 3302.01 | |
| Perforations | 29.00 | | | 3331.01 | |
| Recorder | 0.01 | 13534 | Outside | 3331.02 | |
| Bullhose | 3.00 | | | 3334.02 | 38.02 Bottom Packers & Anchor |

Total Tool Length: 59.02



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FLUID SUMMARY

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P.O. Box 522
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Steinle B #7
29-15S-12W Russell
Job Ticket: 20163 **DST#: 1**
Test Start: 2004.08.25 @ 18:26:16

ATTN: Terry Bandy

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 43.00 sec/qt
Water Loss: 12.77 in³
Resistivity: ohm.m
Salinity: 4200.00 ppm
Filter Cake: 2.00 inches

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

Oil API: deg API
Water Salinity: 26000 ppm

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|---------------------|---------------|
| 90.00 | socm 1% oil 99% mud | 1.262 |
| 425.00 | water RW .26@73F | 5.962 |

Total Length: 515.00 ft Total Volume: 7.224 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

