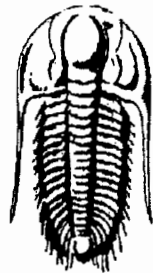


33-12s-17w



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Herman Leob**

PO Box 524
Lawrenceville IL 62439

ATTN: Tom Pronald

Tom Pronald
33-12s-17w
Schmidt #2 'AC'

Start Date: 2005.07.26 @ 12:30:03

End Date: 2005.07.26 @ 20:17:03

Job Ticket #: 22173

DST #: 1

15-051-25434-00-00
NW SE NW SE
1810 FSL 1875 FEL

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Herman Leob

Schmidt #2
'AC'

Tom Pronald

DST # 1

Arb

2005.07.26

33-12-17w



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Herman Leob
PO Box 524
Lawrenceville IL 62439
ATTN: Tom Pronald

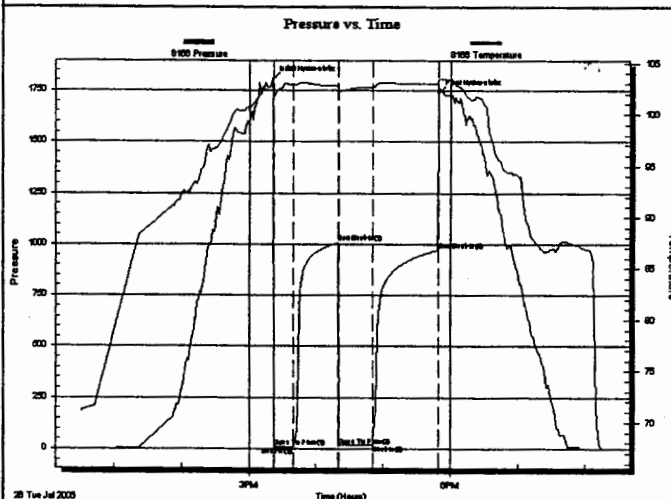
Schmidt #2
Tom Pronald
Job Ticket: 22173 **DST#: 1**
Test Start: 2005.07.26 @ 12:30:03

GENERAL INFORMATION:

Formation: Arb
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 15:22:03
Time Test Ended: 20:17:03
Interval: 3569.00 ft (KB) To 3588.00 ft (KB) (TVD)
Total Depth: 3588.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole
Tester: Michael
Unit No: 15
Reference Elevations: 2075.00 ft (KB)
2068.00 ft (CF)
KB to GR/CF: 7.00 ft

Serial #: 8166 Inside
Press@RunDepth: 20.52 psig @ 3570.00 ft (KB)
Start Date: 2005.07.26 End Date: 2005.07.26
Start Time: 12:30:04 End Time: 20:17:03
Capacity: 7000.00 psig
Last Calib.: 2005.07.26
Time On Btm: 2005.07.26 @ 15:21:18
Time Off Btm: 2005.07.26 @ 17:49:48

TEST COMMENT: IF- 1/4 Blow
IS- no blow
FF-No blow 6m Then weak surface blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1804.04	102.40	Initial Hydro-static
1	11.17	101.83	Open To Flow (1)
18	10.65	102.92	Shut-In(1)
59	1006.94	102.78	End Shut-In(1)
59	15.89	102.48	Open To Flow (2)
90	20.52	102.66	Shut-In(2)
148	970.88	103.03	End Shut-In(2)
149	1738.36	103.32	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
25.00	Clean oil 29gr	0.35

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Herrman Leob

PO Box 524
Lawrenceville IL 62439

ATTN: Tom Pronald

Schmidt #2

Tom Pronald

Job Ticket: 22173

DST#: 1

Test Start: 2005.07.26 @ 12:30:03

Tool Information

Drill Pipe:	Length: 3578.00 ft	Diameter: 3.80 inches	Volume: 50.19 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.25 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:	52000.00 lb
		Total Volume:	50.19 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial	50000.00 lb
Depth to Top Packer:	3569.00 ft			Final	51000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	19.00 ft				
Tool Length:	40.00 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			3549.00	
Shut In Tool	5.00			3554.00	
Hydraulic tool	5.00			3559.00	
Packer	5.00			3564.00	21.00 Bottom Of Top Packer
Packer	5.00			3569.00	
Blank Spacing	1.00			3570.00	
Recorder	0.00	8166	Inside	3570.00	
Perforations	15.00			3585.00	
Recorder	0.00	10991	Outside	3585.00	
Bullnose	3.00			3588.00	19.00 Bottom Packers & Anchor
Total Tool Length:	40.00				



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Herman Leob

Schmidt #2

PO Box 524
Lawrenceville IL 62439

Tom Pronald

Job Ticket: 22173

DST#: 1

ATTN: Tom Pronald

Test Start: 2005.07.26 @ 12:30:03

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 48.00 sec/qt

Water Loss: 7.59 in³

Resistivity: ohm.m

Salinity: 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 ft	Description	Volume bbl
25.00	Clean oil 29gr	0.351

Total Length: 25.00 ft Total Volume: 0.351 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

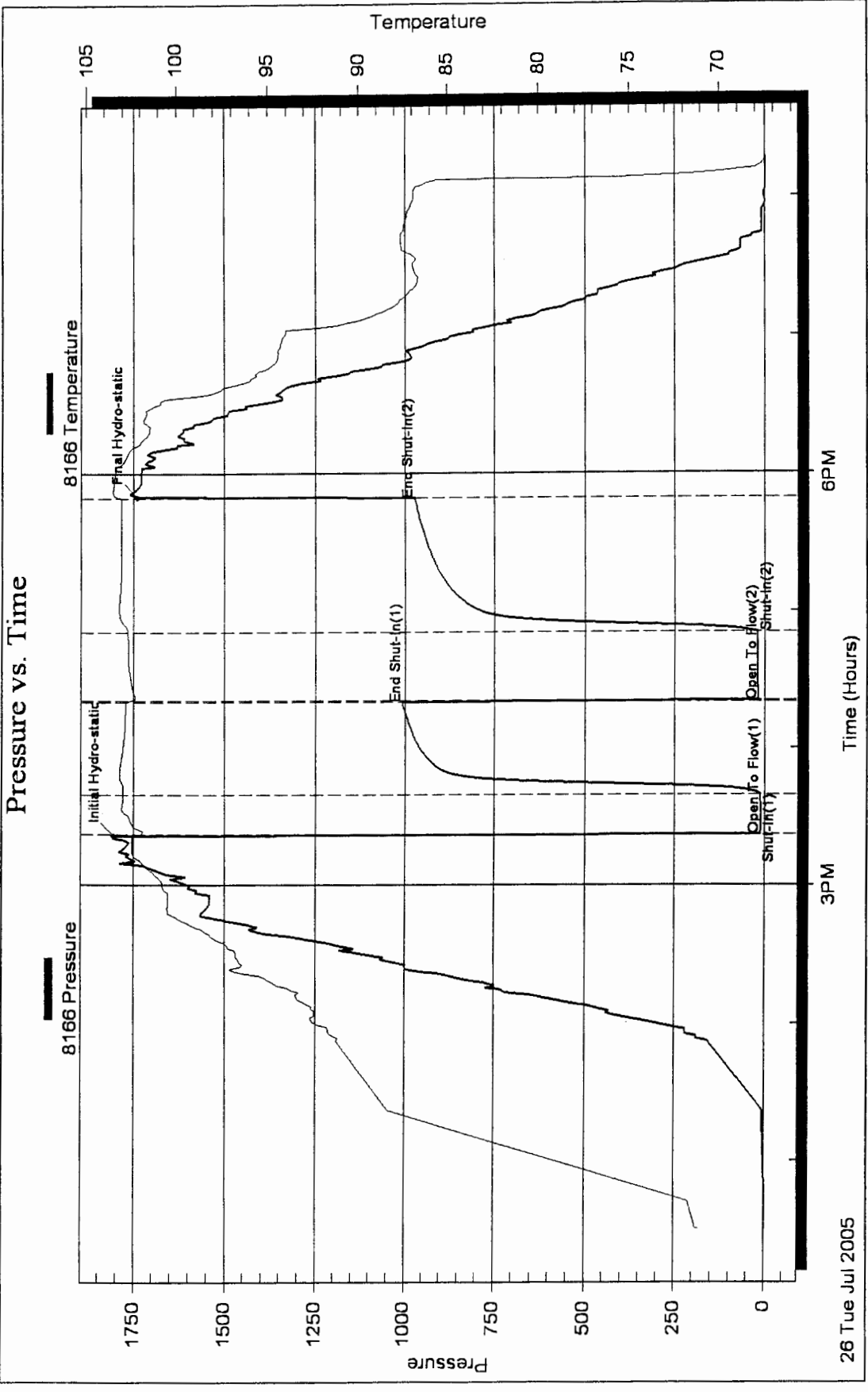
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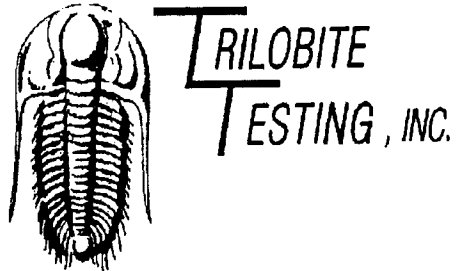
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Herman Leob**

PO Box 524
Lawrenceville IL 62439

ATTN: Tom Pronald

Tom Pronald

Schmidt #2

Start Date: 2005.07.27 @ 05:20:57

End Date: 2005.07.27 @ 14:47:27

Job Ticket #: 22174 DST #: 2

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

Herman Leob

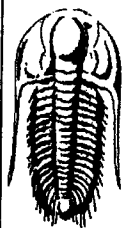
Schmidt #2

Tom Pronald

DST # 2

ARB

2005.07.27



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Herman Leob
PO Box 524
Lawrenceville IL 62439
ATTN: Tom Pronald

Schmidt #2
Tom Pronald
Job Ticket: 22174 DST#: 2
Test Start: 2005.07.27 @ 05:20:57

GENERAL INFORMATION:

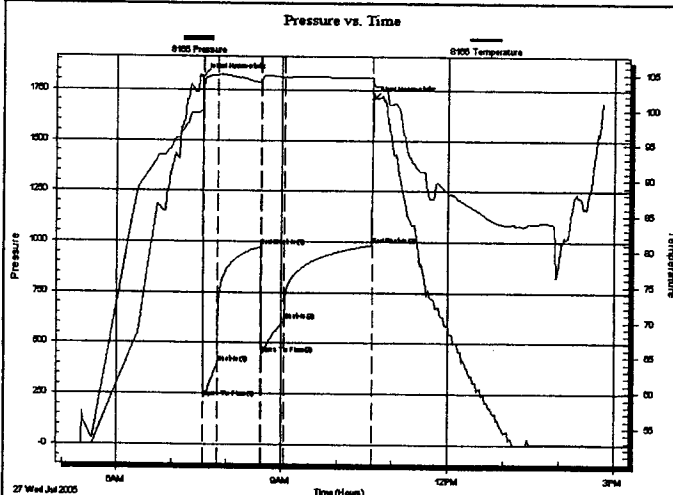
Formation: **ARB**
Deviated: **No** Whipstock: ft (KB)
Time Tool Opened: 07:35:12
Time Test Ended: 14:47:27
Interval: **3593.00 ft (KB) To 36134.0 ft (KB) (TVD)**
Total Depth: **3613.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: **Fair**
Test Type: **Conventional Bottom Hole**
Tester: **Michael**
Unit No: **15**
Reference Elevations: **2075.00 ft (KB)**
2068.00 ft (CF)
KB to GR/CF: **7.00 ft**

Serial #: 8166

Inside

Press@RunDepth: **612.21 psig @ 3594.00 ft (KB)**
Start Date: **2005.07.27** End Date: **2005.07.27** Capacity: **7000.00 psig**
Start Time: **05:20:58** End Time: **14:47:27** Last Calib.: **2005.07.27**
Time On Btmr: **2005.07.27 @ 07:33:42**
Time Off Btmr: **2005.07.27 @ 10:38:57**

TEST COMMENT: IF- Bottom of the bucket 30s
IS- Slow building 4" blow back
FF- bottom of the bucket 1m
FS- Weak surface blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1812.84	99.86	Initial Hydro-static
2	230.07	102.93	Open To Flow (1)
16	396.31	104.77	Shut-In(1)
64	974.69	103.90	End Shut-In(1)
64	444.43	103.83	Open To Flow (2)
90	612.21	104.59	Shut-In(2)
185	984.19	104.49	End Shut-In(2)
186	1702.43	104.14	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	Mud & Water cut Oil 10w 15m 75%o	1.68
420.00	Mud & Water cut oil 2m 5w 93%o	5.89
840.00	Water cut oil 5w 95%o	11.78
75.00	Clean 23 Gravity oil	1.05

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Herman Leob

PO Box 524
Lawrenceville IL 62439

ATTN: Tom Pronald

Schmidt #2

Tom Pronald

Job Ticket: 22174

DST#: 2

Test Start: 2005.07.27 @ 05:20:57

Tool Information

Drill Pipe: Length: 3578.00 ft Diameter: 3.80 inches Volume: 50.19 bbl
Heavy Wt. Pipe: Length: 0.00 ft Diameter: 2.25 inches Volume: 0.00 bbl
Drill Collar: Length: 0.00 ft Diameter: 2.25 inches Volume: 0.00 bbl
Total Volume: 50.19 bbl

Drill Pipe Above KB: 6.00 ft

Depth to Top Packer: 3593.00 ft

Depth to Bottom Packer: ft

Interval between Packers: 20.00 ft

Tool Length: 41.00 ft

Number of Packers: 2 Diameter: 6.75 inches

Tool Comments:

Tool Weight: 2000.00 lb

Weight set on Packer: 20000.00 lb

Weight to Pull Loose: lb

Tool Chased 0.00 ft

String Weight: Initial 52000.00 lb

Final lb

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3573.00	
Shut In Tool	5.00			3578.00	
Hydraulic tool	5.00			3583.00	
Packer	5.00			3588.00	21.00 Bottom Of Top Packer
Packer	5.00			3593.00	
Blank Spacing	1.00			3594.00	
Recorder	0.00	8166	Inside	3594.00	
Perforations	16.00			3610.00	
Recorder	0.00	10991	Outside	3610.00	
Bullnose	3.00			3613.00	20.00 Bottom Packers & Anchor
Total Tool Length:	41.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Herman Leob

Schmidt #2

PO Box 524
Lawrenceville IL 62439

Tom Pronald

Job Ticket: 22174

DST#: 2

ATTN: Tom Pronald

Test Start: 2005.07.27 @ 05:20:57

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 48.00 sec/qt

Water Loss: 7.59 in³

Resistivity: ohm.m

Salinity: ppm

Filter Cake: inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	Mud & Water cut Oil 10w 15m 75%o	1.683
420.00	Mud & Water cut oil 2m 5w 93%o	5.891
840.00	Water cut oil 5w 95%o	11.783
75.00	Clean 23 Gravity oil	1.052

Total Length: 1455.00 ft

Total Volume: 20.409 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

