

**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Dechant Oil Company**

503 W 30th
Hays, KS 67601

ORIGINAL

ATTN: Walter Dechant

6 15s 18w Ellis

Richard Dechant #1

Start Date: 2005.04.24 @ 19:26:48

End Date: 2005.04.25 @ 02:20:03

Job Ticket #: 22777 DST #: 1

API# 15- 051-25387-00-00

RECEIVED

JUL 26 2005

KCC WICHITA

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Dechant Oil Company

503 W 30th
Hays, KS 67601

ATTN: Walter Dechant

Richard Dechant #1

6 15s 18w Ellis

Job Ticket: 22777

DST#: 1

Test Start: 2005.04.24 @ 19:26:48

GENERAL INFORMATION:

Formation: **Lansing C**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 21:26:18

Time Test Ended: 02:20:03

Test Type: **Conventional Bottom Hole**

Tester: **Paul Simpson**

Unit No: **15**

Interval: **3315.00 ft (KB) To 3345.00 ft (KB) (TVD)**

Total Depth: **3345.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Good**

Reference Elevations: **2034.00 ft (KB)**

2028.00 ft (CF)

KB to GR/CF: **6.00 ft**

Serial #: 8166

Inside

Press@RunDepth: **78.54 psig @ 3317.00 ft (KB)**

Start Date: **2005.04.24**

End Date:

2005.04.25

Start Time: **19:26:49**

End Time:

02:20:03

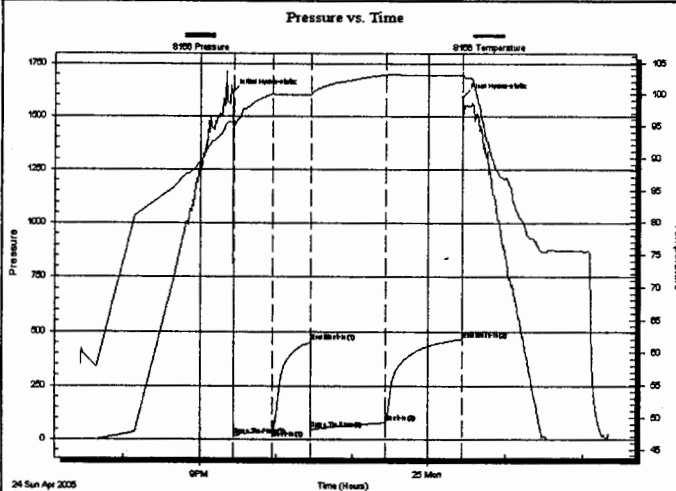
Capacity: **7000.00 psig**

Last Calib.: **2005.03.25**

Time On Btm: **2005.04.24 @ 21:25:18**

Time Off Btm: **2005.04.25 @ 00:27:03**

TEST COMMENT: IF- 1" blow building to bottom of bucket in 26 minutes
IS- no blow for 5 minutes then very weak surface blow
FF 1/2" blow building to bottom of bucket in 28 minutes
FS- Same as initial shut-in ve



PRESSURE SUMMARY

Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	1610.35	95.59	Initial Hydro-static
1	15.72	95.04	Open To Flow (1)
32	41.88	100.02	Shut-In (1)
62	451.39	99.98	End Shut-In (1)
62	47.36	99.90	Open To Flow (2)
121	78.54	103.09	Shut-In (2)
182	464.46	103.04	End Shut-In (2)
182	1590.53	103.45	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
100.00	MV 80% W 20% M	1.40
40.00	SO & WCM 15% O 15% W 70% M	0.56
0.00	240' Gas in pipe	0.00

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Dechant Oil Company

Richard Dechant #1

503 W 30th
Hays, KS 67601

6 15s 18w Ellis

Job Ticket: 22777

DST#: 1

ATTN: Walter Dechant

Test Start: 2005.04.24 @ 19:26:48

Tool Information

Drill Pipe:	Length:	3311.00 ft	Diameter:	3.80 inches	Volume:	46.44 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:	200000.0 lb
Drill Collar:	Length:	0.00 ft	Diameter:	2.25 inches	Volume:	0.00 bbl	Weight to Pull Loose:	34000.00 lb
					Total Volume:	46.44 bbl	Tool Chased	ft
Drill Pipe Above KB:		16.00 ft					String Weight: Initial	32000.00 lb
Depth to Top Packer:		3315.00 ft					Final	32000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		30.00 ft						
Tool Length:		50.00 ft						
Number of Packers:		2	Diameter:	6.75 inches				
Tool Comments:								

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3300.00	
Hydraulic tool	5.00			3305.00	
Packer	5.00			3310.00	20.00 Bottom Of Top Packer
Packer	5.00			3315.00	
Stubb	1.00			3316.00	
Perforations	1.00			3317.00	
Recorder	0.00	8166	Inside	3317.00	
Perforations	25.00			3342.00	
Recorder	0.00	11020	Outside	3342.00	
Bullnose	3.00			3345.00	30.00 Bottom Packers & Anchor
Total Tool Length:	50.00				



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FLUID SUMMARY

Dechant Oil Company

Richard Dechant #1

503 W 30th
Hays, KS 67601

6 15s 18w Ellis

Job Ticket: 22777

DST#: 1

ATTN: Walter Dechant

Test Start: 2005.04.24 @ 19:26:48

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: 80000 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.97 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
100.00	MMV 80% W 20%M	1.403
40.00	SO & WCM 15%O 15%W 70%M	0.561
0.00	240' Gas in pipe	0.000

Total Length: 140.00 ft

Total Volume: 1.964 bbl

Num Fluid Samples: 0

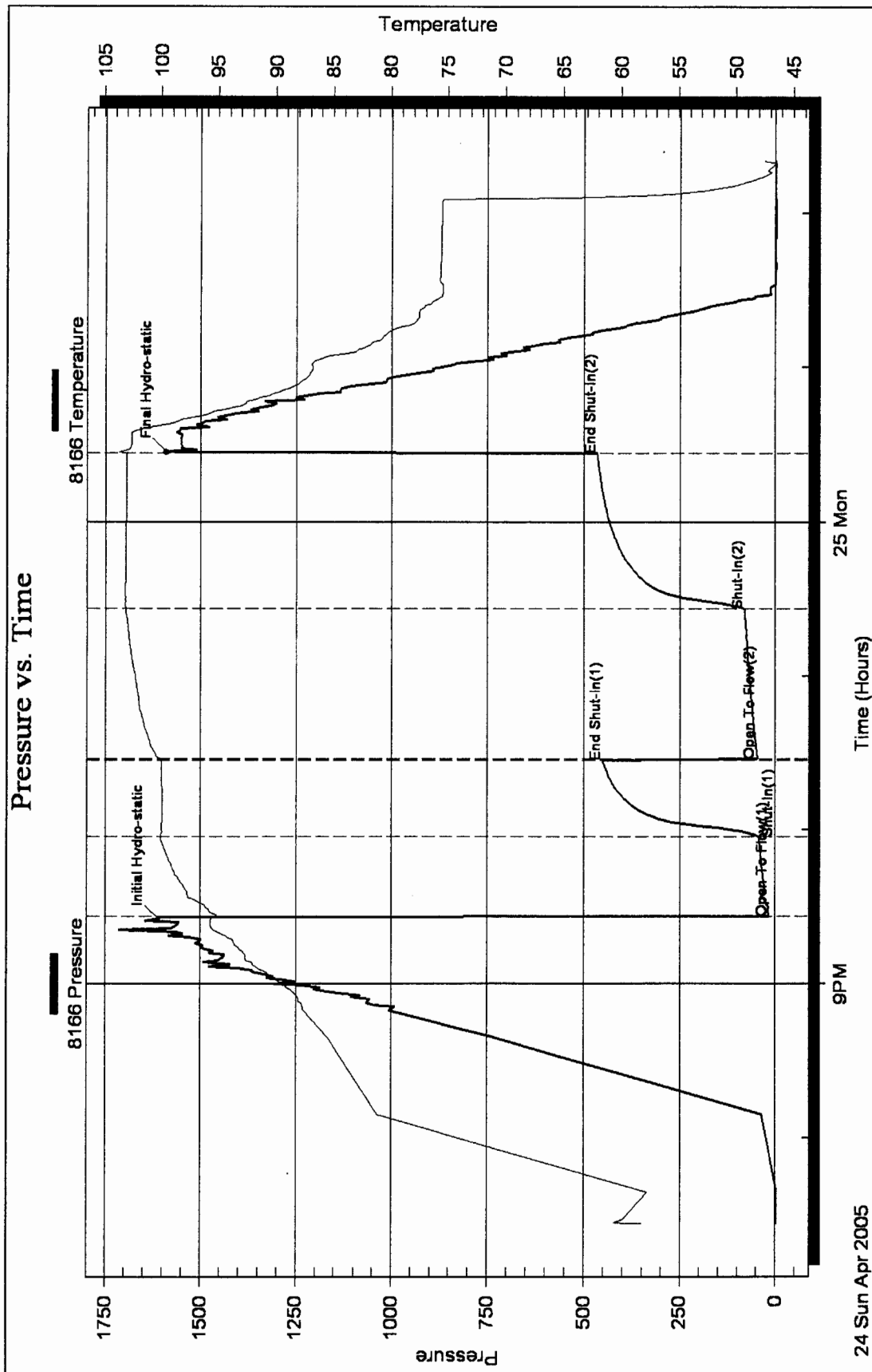
Num Gas Bombs: 0

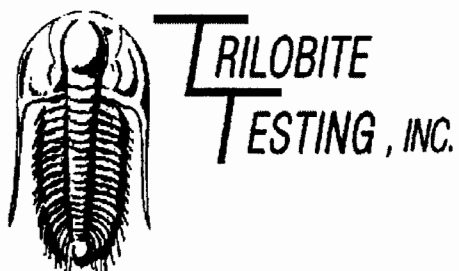
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Rw, 11 @ 52





DRILL STEM TEST REPORT

Prepared For: **Dechant Oil Company**

503 W 30th
Hays, KS 67601

ATTN: Walter Dechant

6 15s 18w Ellis

Richard Dechant #1

Start Date: 2005.04.26 @ 02:50:26

End Date: 2005.04.26 @ 11:35:11

Job Ticket #: 22778

DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Dechant Oil Company

Richard Dechant #1

6 15s 18w Ellis

DST # 2

Arbuckle

2005.04.26



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DRILL STEM TEST REPORT

Dechant Oil Company

503 W 30th
Hays, KS 67601

ATTN: Walter Dechant

Richard Dechant #1

6 15s 18w Ellis

Job Ticket: 22778

DST#: 2

Test Start: 2005.04.26 @ 02:50:26

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 04:18:56

Time Test Ended: 11:35:11

Test Type: **Conventional Bottom Hole**

Tester: **Paul Simpson**

Unit No: **15**

Interval: **3590.00 ft (KB) To 3642.00 ft (KB) (TVD)**

Total Depth: **3662.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Good**

Reference Elevations: **2034.00 ft (KB)**

2028.00 ft (CF)

KB to GR/CF: **6.00 ft**

Serial #: 8166

Inside

Press@RunDepth: **466.14 psig @ 3625.00 ft (KB)**

Start Date: **2005.04.26**

End Date:

2005.04.26

Capacity: **7000.00 psig**

Last Calib.: **2005.04.26**

Start Time: **02:50:27**

End Time:

11:35:11

Time On Btm: **2005.04.26 @ 04:17:11**

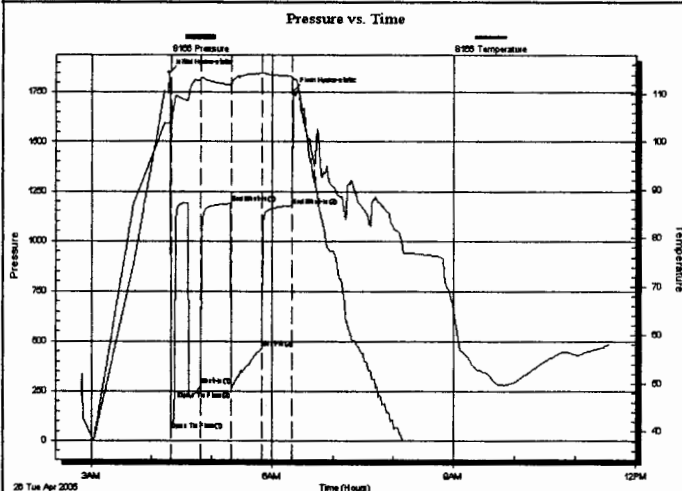
Time Off Btm: **2005.04.26 @ 06:20:41**

TEST COMMENT: IF- 1" blow building to bottom of bucket in 4 minutes

ISI- no blow

FF 1" blow Building to bottom of bucket in 4 minutes

FSI no blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1848.84	103.81	Initial Hydro-static
2	52.17	103.92	Open To Flow (1)
32	281.07	113.14	Shut-In(1)
62	1188.95	111.80	End Shut-In(1)
63	250.78	111.85	Open To Flow (2)
93	466.14	114.23	Shut-In(2)
123	1177.66	113.59	End Shut-In(2)
124	1758.06	113.29	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
844.00	M&WCO 70%o 25%w 5%m	11.84
186.00	M&WCO 50%o 25%w 25%m	2.61

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TOOL DIAGRAM

Dechant Oil Company

Richard Dechant #1

503 W 30th
Hays, KS 67601

6 15s 18w Ellis

Job Ticket: 22778

DST#: 2

ATTN: Walter Dechant

Test Start: 2005.04.26 @ 02:50:26

Tool Information

Drill Pipe:	Length: 3590.00 ft	Diameter: 3.80 inches	Volume: 50.36 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: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 45000.00 lb
			Total Volume: 50.36 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 36000.00 lb
Depth to Top Packer:	3590.00 ft			Final 38000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	77.00 ft			
Tool Length:	97.00 ft			
Number of Packers:	3	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3575.00	
Hydraulic tool	5.00			3580.00	
Packer	5.00			3585.00	20.00 Bottom Of Top Packer
Packer	5.00			3590.00	
Stubb	1.00			3591.00	
Perforations	1.00			3592.00	
Change Over Sub	1.00			3593.00	
Blank Spacing	31.00			3624.00	
Change Over Sub	1.00			3625.00	
Recorder	0.00	8166	Inside	3625.00	
Perforations	12.00			3637.00	
Recorder	0.00	10991	Outside	3637.00	
Blank Off Sub	5.00			3642.00	77.00 Tool Interval
Packer	5.00			3647.00	
Stubb	1.00			3648.00	
Anchor	16.00			3664.00	
Recorder	0.00	11090	Below	3664.00	
Bullnose	3.00			3667.00	1000096.00 Bottom Packers & Anchor

Total Tool Length: 97.00



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Job Ticket: 22778

DST#: 2

ATTN: Walter Dechant

Test Start: 2005.04.26 @ 02:50:26

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:

ppm

Viscosity: 49.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
844.00	M&WCO 70%o 25%w 5%m	11.839
186.00	M&WCO 50%o 25%w 25%m	2.609

Total Length: 1030.00 ft

Total Volume: 14.448 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

