



DRILL STEM TEST REPORT

Prepared For: **Red Oak Energy Inc**

7701 E Kellogg Ste 710
Wichita KS 67207

ATTN: Kevin Davis

24 29S 17W Kiowa KS

Robbins 1-24

Start Date: 2007.01.01 @ 13:00:00

End Date: 2007.01.01 @ 00:00:00

Job Ticket #: 27034 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Red Oak Energy Inc

7701 E Kellogg Ste 710
Wichita KS 67207

ATTN: Kevin Davis

Robbins 1-24

24 29S 17W Kiowa KS

Job Ticket: 27034

DST#: 1

Test Start: 2007.01.01 @ 13:00:00

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:58:00

Time Test Ended: 00:00:00

Test Type: Conventional Bottom Hole

Tester: Zach Stover

Unit No: 23

Interval: **2850.00 ft (KB) To 2865.00 ft (KB) (TVD)**

Total Depth: 2865.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2070.00 ft (KB)

2059.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 8167

Press@RunDepth: psig @ ft (KB)

Start Date: 2006.02.22

End Date:

2006.02.22

Capacity: 7000.00 psig

Last Calib.: 1899.12.30

Start Time: 12:19:07

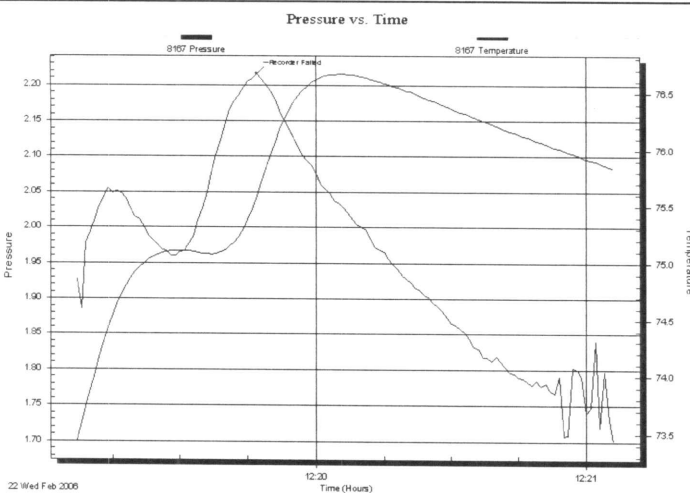
End Time:

12:21:06

Time On Btm:

Time Off Btm:

TEST COMMENT: IF Strong blow BOB in 3 min.
ISI No blow
FF Strong blow BOB immediately
FSI Weak 3 in. blow



PRESSURE SUMMARY

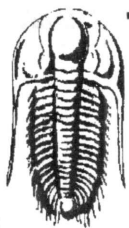
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2.22	75.59	--Recorder Failed

Recovery

Length (ft)	Description	Volume (bbl)

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Red Oak Energy Inc

Robbins 1-24

7701 E Kellogg Ste 710
Wichita KS 67207

24 29S 17W Kiowa KS

Job Ticket: 27034

DST#: 1

ATTN: Kevin Davis

Test Start: 2007.01.01 @ 13:00:00

Tool Information

Drill Pipe:	Length: 2712.00 ft	Diameter: 3.80 inches	Volume: 38.04 bbl	Tool Weight: 2100.00 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: 125.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 50000.00 lb
			Total Volume: 38.65 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	14.00 ft			String Weight: Initial 38000.00 lb
Depth to Top Packer:	2850.00 ft			Final 38000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	15.00 ft			
Tool Length:	42.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			2824.00	
Shut In Tool	5.00			2829.00	
Hydraulic tool	5.00			2834.00	
Jars	5.00			2839.00	
Safety Joint	2.00			2841.00	
Packer	4.00			2845.00	27.00 Bottom Of Top Packer
Packer	5.00			2850.00	
Stubb	1.00			2851.00	
Recorder	0.00	6771	Inside	2851.00	
Perforations	9.00			2860.00	
Recorder	0.00	13789	Outside	2860.00	
Bullnose	5.00			2865.00	15.00 Bottom Packers & Anchor

Total Tool Length: 42.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

Red Oak Energy Inc

Robbins 1-24

7701 E Kellogg Ste 710
Wichita KS 67207

24 29S 17W Kiowa KS

Job Ticket: 27034

DST#: 1

ATTN: Kevin Davis

Test Start: 2007.01.01 @ 13:00:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 10.00 lb/gal

Viscosity: 32.00 sec/qt

Water Loss: in³

Resistivity: ohm.m

Salinity: 91000.00 ppm

Filter Cake: 0.20 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl

Total Length: ft

Total Volume: bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

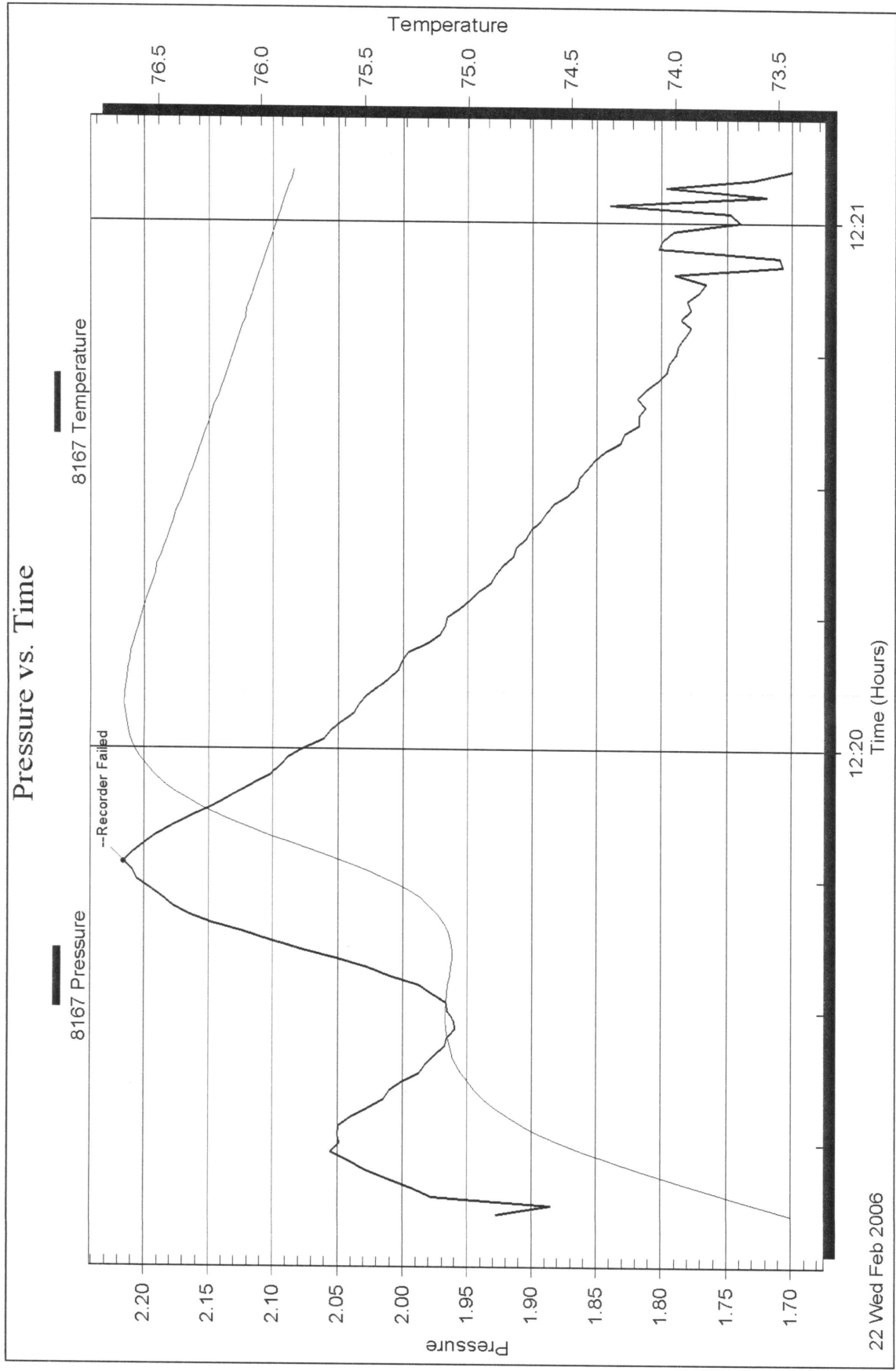
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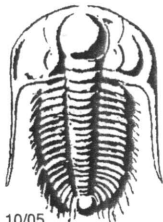
Serial #: 8167

Red Oak Energy Inc

24 29S 17W Kiowa KS

DST Test Number: 1





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

27034 ✓

Test Ticket

Well Name & No. Robbers 1-24 Test No. 1 Date 1-1-07
 Company Red Oak Energy Inc Zone Tested Mississippi
 Address 7701 E. Kellogg St 710 Wichita KS Elevation 2070 KB 2059 GL
 Co. Rep / Geo. Kevin Davis Rig 67207 Fossil
 Location: Sec. 24 Twp. 29S Rge. 17W Co. Kiowa State Ks
 Comment: _____ Release date / time: _____

Interval Tested 2850 - 2865 Initial Str Wt./Lbs. 38000 Unseated Str Wt./Lbs. 38000
 Anchor Length 15' Wt. Set Lbs. 20000 Wt. Pulled Loose/Lbs. 50000
 Top Packer Depth 2845 Tool Weight 2100
 Bottom Packer Depth 2850 Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓
 Total Depth 2865 Wt. Pipe Run — Drill Collar Run 125
 Mud Wt. 9.5 LCM — Vis. 32 WL — Drill Pipe Size 4 1/2" Ft. Run ~~2680~~ 2712
 Blow Description IF: Strong blow. BOB in 3 min.
ISI: No blow.
FF: Strong blow. BOB immediately.
FSI: Weak 3 in blow.

Recovery - Total Feet 80 GIP — Ft. in DC 80 Ft. in DP —
 Rec. 80 Feet of Big mud %gas %oil %water %mud
 Rec. _____ Feet of _____ %gas %oil %water %mud
 Rec. _____ Feet of _____ %gas %oil %water %mud
 Rec. _____ Feet of _____ %gas %oil %water %mud
 Rec. _____ Feet of _____ %gas %oil %water %mud
 BHT _____ °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 91000 ppm System

(A) Initial Hydrostatic Mud _____ PSI
 (B) First Initial Flow Pressure _____ PSI
 (C) First Final Flow Pressure Recorder failed PSI
 (D) Initial Shut-In Pressure _____ PSI
 (E) Second Initial Flow Pressure No pressure available PSI
 (F) Second Final Flow Pressure _____ PSI
 (G) Final Shut-In Pressure available PSI
 (Q) Final Hydrostatic Mud _____ PSI

TRILOBITE TESTING INC. SHALL NOT BE LIABLE FOR DAMAGED OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Approved By Kevin Davis

Our Representative Zachary L. Stover

Recorder No. 6771 Test ✓ 1100
 (depth) 2851 Jars ✓ 250
 Recorder No. 13789 Safety Jt. ✓ 75
 (depth) 2860 Circ Sub _____
 Recorder No. _____ Sampler _____
 (depth) _____ Straddle _____
 Initial Opening 30 Ext. Packer _____
 Initial Shut-In 30 Shale Packer _____
 Final Flow 45 Ruined Packer 105
 Final Shut-In 60 Mileage ✓ 89RT
 T-On Location 12:00 Sub Total: 1530
 T-Started 13:00 Std. By _____
 T-Open 14:50 Acc. Chg: _____
 T-Pulled 17:43 Other: _____
 T-Out _____ Total: _____



DRILL STEM TEST REPORT

Prepared For: **Red Oak Energy Inc**

7701 E Kellogg Ste 710
Wichita KS 67207

ATTN: Kevin Davis

24 29S 17W Kiowa KS

Robbins 1-24

Start Date: 2007.01.02 @ 00:57:45

End Date: 2007.01.02 @ 07:05:15

Job Ticket #: 27035 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Red Oak Energy Inc

Robbins 1-24

24 29S 17W Kiowa KS

DST # 2

2007.01.02



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Red Oak Energy Inc

7701 E Kellogg Ste 710
Wichita KS 67207

ATTN: Kevin Davis

Robbins 1-24

24 29S 17W Kiowa KS

Job Ticket: 27035

DST#: 2

Test Start: 2007.01.02 @ 00:57:45

GENERAL INFORMATION:

Formation:

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:08:15

Time Test Ended: 07:05:15

Test Type: Conventional Bottom Hole

Tester: Zach Stover

Unit No: 23

Interval: 2868.00 ft (KB) To 2880.00 ft (KB) (TVD)

Total Depth: 2880.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2070.00 ft (KB)

2059.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 6798

Inside

Press@RunDepth: 116.04 psig @ 2869.00 ft (KB)

Start Date: 2007.01.02

End Date:

2007.01.02

Capacity: 7000.00 psig

Last Calib.: 2007.01.02

Start Time: 00:57:50

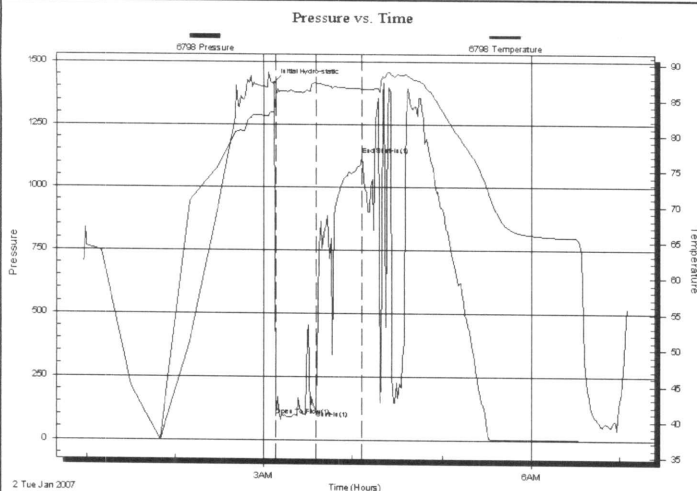
End Time:

07:05:14

Time On Btm: 2007.01.02 @ 03:07:15

Time Off Btm:

TEST COMMENT: IF Weak blow 6 " at start and died before end of flow
ISI No blow
FF No blow Tried to flush tool then pulled off bottom



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1415.76	83.40	Initial Hydro-static
1	92.26	85.71	Open To Flow (1)
28	116.04	87.33	Shut-In(1)
59	1130.59	86.62	End Shut-In(1)

Recovery

Length (ft)	Description	Volume (bbl)
130.00	M	0.68

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Red Oak Energy Inc

Robbins 1-24

7701 E Kellogg Ste 710
Wichita KS 67207

24 29S 17W Kiowa KS

Job Ticket: 27035

DST#: 2

ATTN: Kevin Davis

Test Start: 2007.01.02 @ 00:57:45

Tool Information

Drill Pipe:	Length: 2744.00 ft	Diameter: 3.80 inches	Volume: 38.49 bbl	Tool Weight: 2100.00 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: 125.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 50000.00 lb
		Total Volume: 39.10 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 38000.00 lb
Depth to Top Packer:	2868.00 ft			Final 38000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	12.00 ft			
Tool Length:	39.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:
Hit bridge 7 stands from bottom. Tool slid 10-15'

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			2842.00	
Shut In Tool	5.00			2847.00	
Hydraulic tool	5.00			2852.00	
Jars	5.00			2857.00	
Safety Joint	2.00			2859.00	
Packer	4.00			2863.00	27.00 Bottom Of Top Packer
Packer	5.00			2868.00	
Stubb	1.00			2869.00	
Recorder	0.00	6798	Inside	2869.00	
Perforations	6.00			2875.00	
Recorder	0.00	13789	Outside	2875.00	
Bullnose	5.00			2880.00	12.00 Bottom Packers & Anchor

Total Tool Length: 39.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

Red Oak Energy Inc

Robbins 1-24

7701 E Kellogg Ste 710
Wichita KS 67207

24 29S 17W Kiowa KS

Job Ticket: 27035

DST#: 2

ATTN: Kevin Davis

Test Start: 2007.01.02 @ 00:57:45

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 10.00 lb/gal

Viscosity: 32.00 sec/qt

Water Loss: in³

Resistivity: ohm.m

Salinity: 91000.00 ppm

Filter Cake: 0.20 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

Oil API:

Water Salinity:

deg API

ppm

ft

bbl

psig

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
130.00	M	0.685

Total Length: 130.00 ft

Total Volume: 0.685 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

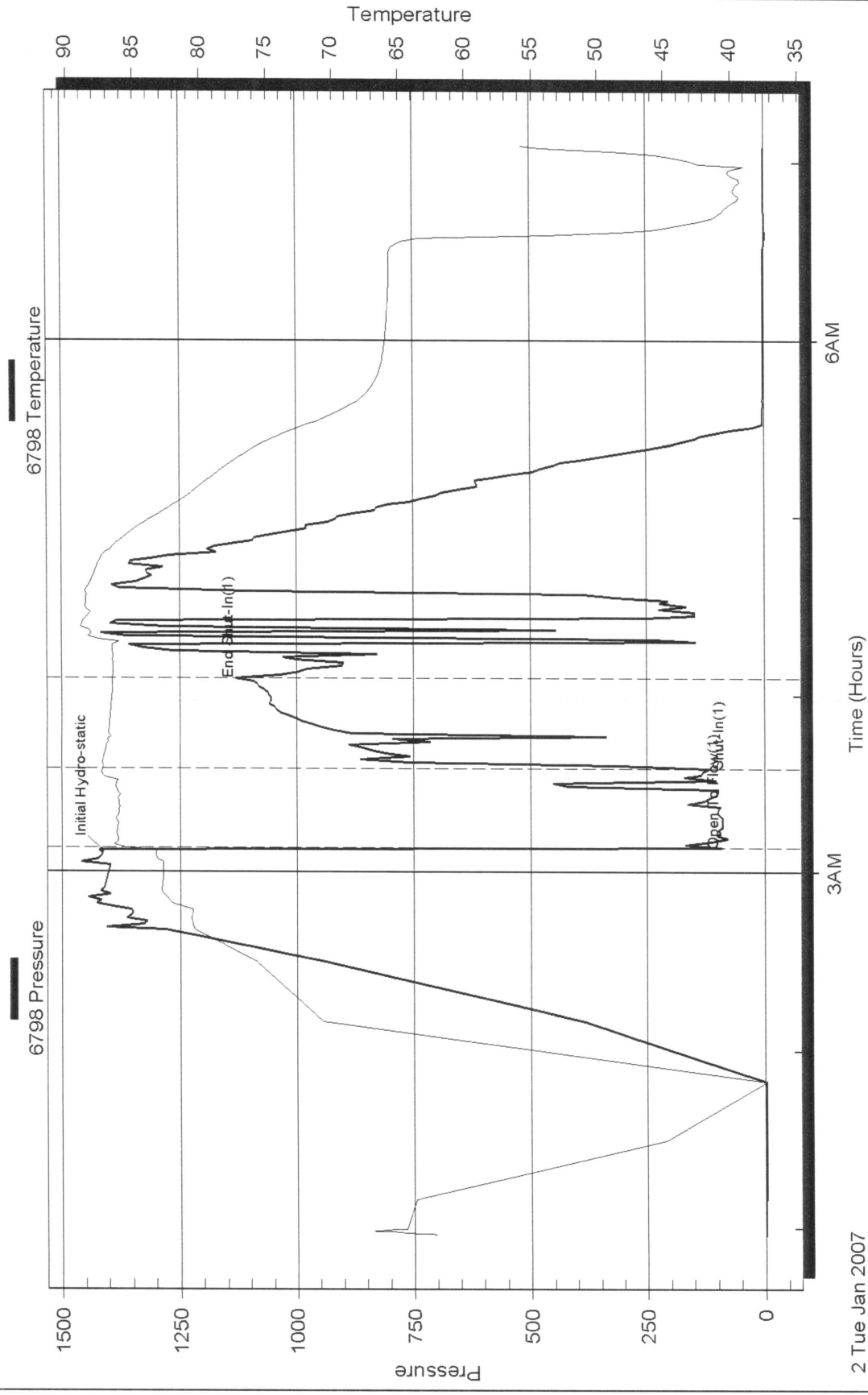
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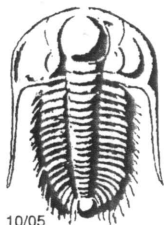
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

27035

Test Ticket

Well Name & No. Ralston 1-24 Test No. 2 Date 1-2-07
 Company Red Oak Energy Inc Zone Tested _____
 Address 7701 E. Kellogg Ste 700 Wichita KS 67207 Elevation 2070 KB 2059 GL _____
 Co. Rep / Geo. Dustin Davis Rig Fossil
 Location: Sec. 24 Twp. 29s Rge. 17w Co. Kiowa State KS
 Comment: Hit bridge 7 stands from bottom Release date / time: _____

Interval Tested 2868 - 2880 Initial Str Wt./Lbs. 38000 Unseated Str Wt./Lbs. 38000
 Anchor Length 12' Wt. Set Lbs. 20000 Wt. Pulled Loose/Lbs. 50000
 Top Packer Depth 2863 Tool Weight 2100
 Bottom Packer Depth 2868 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 2880 Wt. Pipe Run _____ Drill Collar Run 125
 Mud Wt. 9.5 LCM _____ Vis. 32 WL _____ Drill Pipe Size 4 1/2" Ft. Run 12744
 Blow Description IF: Weak 6" blow. Died off at end of flow
ISI: No blow
FF: Flush tool. No blow. Pulled off bottom

Recovery - Total Feet 130 GIP _____ Ft. in DC 125 Ft. in DP 5
 Rec. 130 Feet of Mud %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 BHT 87 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 91000 ppm System

(A) Initial Hydrostatic Mud	AK-1	Alpine	1416	PSI	Recorder No.	6798	Test	✓ misrun 900
(B) First Initial Flow Pressure			92	PSI	(depth)	2869	Jars	✓ 250
(C) First Final Flow Pressure			116	PSI	Recorder No.	13789	Safety Jt.	✓ 75
(D) Initial Shut-In Pressure			828	PSI	(depth)	2875	Circ Sub	_____
(E) Second Initial Flow Pressure			147	PSI	Recorder No.	_____	Sampler	_____
(F) Second Final Flow Pressure			pulled	PSI	(depth)	_____	Straddle	_____
(G) Final Shut-In Pressure			tool	PSI	Initial Opening	30	Ext. Packer	_____
(Q) Final Hydrostatic Mud				PSI	Initial Shut-In	30	Shale Packer	_____

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Approved By [Signature]
 Our Representative Zachary R. Stover

Final Flow _____
 Final Shut-In _____
 T-On Location 00:20
 T-Started 00:57
 T-Open 3:15
 T-Pulled 4:18
 T-Out 7:05
 Ruined Packer 103
 Mileage ✓ 84 RT
 Sub Total: 1330
 Std. By _____
 Acc. Chg: _____
 Other: _____
 Total: _____



DRILL STEM TEST REPORT

Prepared For: **Red Oak Energy Inc**

7701 E Kellogg Ste 710
Wichita KS 67207

ATTN: Kevin Davis

24 29S 17W Kiowa KS

Robbins 1-24

Start Date: 2007.01.02 @ 14:22:15

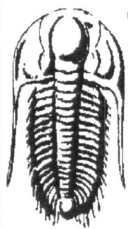
End Date: 2007.01.03 @ 00:09:15

Job Ticket #: 27036 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



TRILOBITE
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DRILL STEM TEST REPORT

Red Oak Energy Inc

7701 E Kellogg Ste 710
Wichita KS 67207

ATTN: Kevin Davis

Robbins 1-24

24 29S 17W Kiowa KS

Job Ticket: 27036

DST#: 3

Test Start: 2007.01.02 @ 14:22:15

GENERAL INFORMATION:

Formation:

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:59:15

Time Test Ended: 00:09:15

Test Type: Conventional Bottom Hole

Tester: Zach Stover

Unit No: 23

Interval: 2868.00 ft (KB) To 2883.00 ft (KB) (TVD)

Total Depth: 2883.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2070.00 ft (KB)

2059.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 6798

Inside

Press@RunDepth: 504.07 psig @ 2878.00 ft (KB)

Start Date: 2007.01.02

End Date:

2007.01.03

Start Time: 14:22:20

End Time:

00:09:15

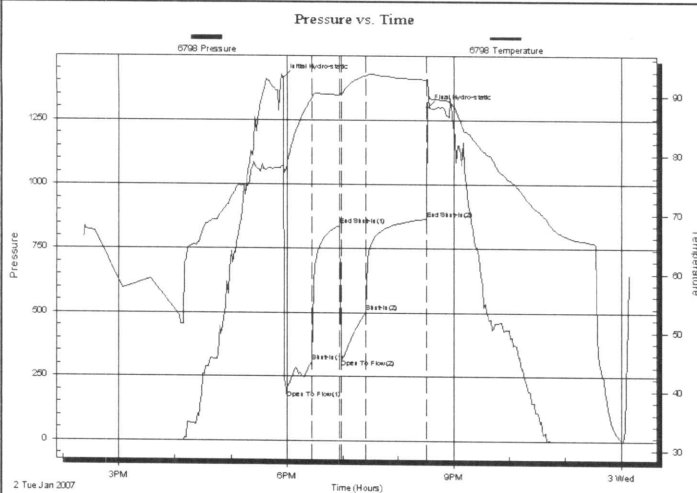
Capacity: 7000.00 psig

Last Calib.: 2007.01.03

Time On Btm: 2007.01.02 @ 17:55:15

Time Off Btm: 2007.01.02 @ 20:31:45

TEST COMMENT: IF Strong blow BOB immediately GTS in 13 min. Gauged up to 50# on 1/2 " choke
ISI Strong blow through entire shut in
FF Strong blow Gauged 70# on 1/8 " choke
FSI Strong blow through entire shut in



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1412.52	78.17	Initial Hydro-static
4	162.24	78.31	Open To Flow (1)
32	308.31	89.63	Shut-In(1)
62	840.84	90.12	End Shut-In(1)
64	319.50	90.34	Open To Flow (2)
90	504.07	93.38	Shut-In(2)
156	865.14	92.73	End Shut-In(2)
157	1297.70	92.83	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
660.00	GSY MCW 5%G 90%W 5%M	8.12
60.00	GSY MCW 10%G 60%W 30%M	0.84
120.00	GSY MUD 10%G 90%M	1.68

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	70.00	133.89
Last Gas Rate	0.13	70.00	31.59
Max. Gas Rate	0.25	70.00	133.89



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Red Oak Energy Inc

Robbins 1-24

7701 E Kellogg Ste 710
Wichita KS 67207

24 29S 17W Kiowa KS

Job Ticket: 27036

DST#: 3

ATTN: Kevin Davis

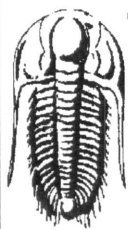
Test Start: 2007.01.02 @ 14:22:15

Tool Information

Drill Pipe:	Length: 2744.00 ft	Diameter: 3.80 inches	Volume: 38.49 bbl	Tool Weight: 2100.00 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: 125.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 50000.00 lb
		Total Volume: 39.10 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	2868.00 ft			Final 44000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	15.00 ft			
Tool Length:	42.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			2842.00	
Shut In Tool	5.00			2847.00	
Hydraulic tool	5.00			2852.00	
Jars	5.00			2857.00	
Safety Joint	2.00			2859.00	
Packer	4.00			2863.00	27.00 Bottom Of Top Packer
Packer	5.00			2868.00	
Stubb	1.00			2869.00	
Perforations	9.00			2878.00	
Recorder	0.00	6798	Inside	2878.00	
Bullnose	5.00			2883.00	15.00 Bottom Packers & Anchor
Total Tool Length:	42.00				



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Red Oak Energy Inc

Robbins 1-24

7701 E Kellogg Ste 710
Wichita KS 67207

24 29S 17W Kiowa KS

Job Ticket: 27036

DST#: 3

ATTN: Kevin Davis

Test Start: 2007.01.02 @ 14:22:15

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:

39000 ppm

Viscosity: 34.00 sec/qt

Cushion Volume:

bbl

Water Loss: in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 114000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
660.00	GSY MCW 5%G 90%W 5%M	8.119
60.00	GSY MCW 10%G 60%W 30%M	0.842
120.00	GSY MUD 10%G 90%M	1.683

Total Length: 840.00 ft

Total Volume: 10.644 bbl

Num Fluid Samples: 0

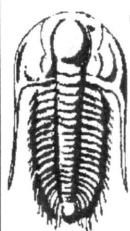
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

GAS RATES

Red Oak Energy Inc

Robbins 1-24

7701 E Kellogg Ste 710
Wichita KS 67207

24 29S 17W Kiowa KS

Job Ticket: 27036

DST#: 3

ATTN: Kevin Davis

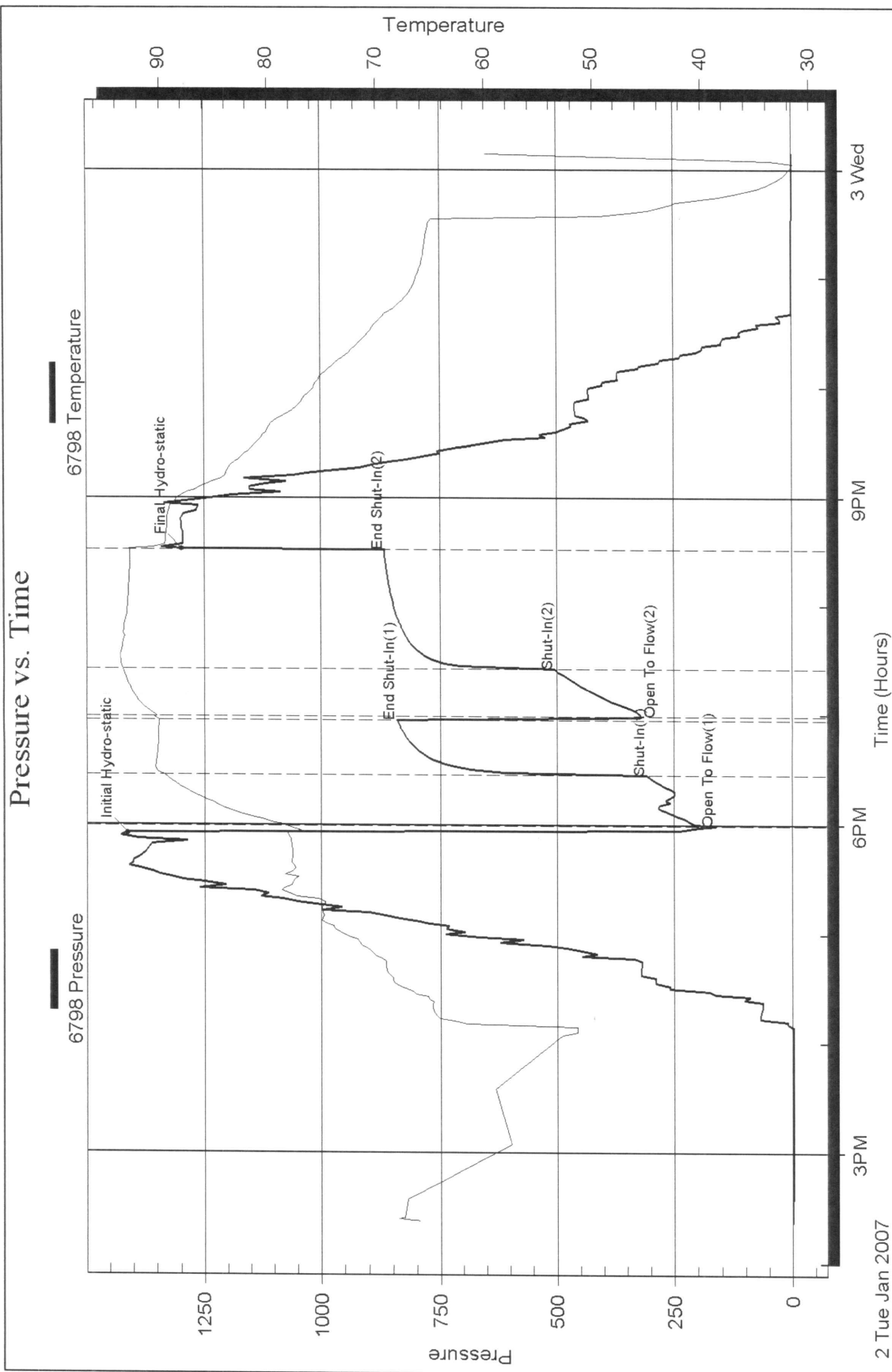
Test Start: 2007.01.02 @ 14:22:15

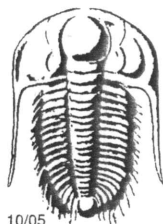
Gas Rates Information

Temperature: 59 deg C
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m³/d)
1	15	0.25	70.00	133.89
1	20	0.50	50.00	434.42
1	30	0.25	30.00	70.44
2	0	0.13	5.00	7.26
2	10	0.13	30.00	16.62
2	20	0.13	52.00	24.85
2	30	0.13	70.00	31.59





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

27036

Test Ticket

Well Name & No.	<u>Rabbits 1-24</u>	Test No.	<u>3</u>	Date	<u>1-2-07</u>
Company	<u>Red Oak Energy Inc.</u>	Zone Tested			
Address	<u>7701 E. Kellogg Ste. 710 Wichita, KS 67207</u>	Elevation	<u>2070</u> KB	<u>2059</u> GL	
Co. Rep / Geo.	<u>Kevin W Davis</u>	Rig	<u>700511</u>		
Location: Sec.	<u>24</u>	Twp.	<u>29S</u>	Rge.	<u>17W</u>
		Co.	<u>Kiowa</u>	State	<u>KS</u>
Comment:	Release date / time:				

Interval Tested	<u>2868-2883</u>	Initial Str Wt./Lbs.	<u>40000</u>	Unseated Str Wt./Lbs.	<u>44000</u>
Anchor Length	<u>15</u>	Wt. Set Lbs.	<u>20000</u>	Wt. Pulled Loose/Lbs.	<u>50000</u>
Top Packer Depth	<u>2863</u>	Tool Weight	<u>2100</u>		
Bottom Packer Depth	<u>2868</u>	Hole Size 7 7/8"	<u>✓</u>	Rubber Size 6 3/4"	<u>✓</u>
Total Depth	<u>2883</u>	Wt. Pipe Run	<u>125</u>	Drill Collar Run	<u>125</u>
Mud Wt.	<u>9.1</u> LCM	Drill Pipe Size	<u>4 1/2"</u>	Ft. Run	<u>2744</u>
Blow Description	<u>IF: Strong blow. BOB immediately. GTS in 13 min. Danged up to 50# on 1/2" choke. ISI: Strong blow. Entire shut in.</u> <u>FF: Strong blow. Danged 70# on 1/8" choke.</u> <u>FSI: Strong blow. Entire shut in.</u>				

Recovery - Total Feet	<u>840</u>	GIP	<u>0</u>	Ft. in DC	<u>120</u>	Ft. in DP	<u>720</u>
Rec.	<u>660</u>	Feet of	<u>GS4 MCW</u>	%gas	<u>5</u>	%oil	<u>90</u>
Rec.	<u>60</u>	Feet of	<u>GS4 MCW</u>	%gas	<u>10</u>	%oil	<u>60</u>
Rec.	<u>120</u>	Feet of	<u>GS4 Heavy mud</u>	%gas	<u>10</u>	%oil	<u>90</u>
Rec.		Feet of		%gas		%oil	
Rec.		Feet of		%gas		%oil	
BHT	<u>93</u>	*F Gravity		*API D @		*F Corrected Gravity	
RW	<u>.36</u>	@	<u>38</u>	*F Chlorides		ppm Recovery	<u>39000</u>
				Chlorides	<u>114000</u>	ppm System	

(A) Initial Hydrostatic Mud	<u>1427</u> PSI	Recorder No.	<u>6798</u>	Test	<u>✓</u>	<u>1100</u>
(B) First Initial Flow Pressure	<u>162</u> PSI	(depth)	<u>2878</u>	Jars	<u>✓</u>	<u>250</u>
(C) First Final Flow Pressure	<u>308</u> PSI	Recorder No.	<u>-</u>	Safety Jt.		
(D) Initial Shut-In Pressure	<u>841</u> PSI	(depth)	<u>-</u>	Circ Sub		
(E) Second Initial Flow Pressure	<u>320</u> PSI	Recorder No.	<u>-</u>	Sampler		
(F) Second Final Flow Pressure	<u>504</u> PSI	(depth)	<u>-</u>	Straddle		
(G) Final Shut-In Pressure	<u>865</u> PSI	Initial Opening	<u>30</u>	Ext. Packer		
(Q) Final Hydrostatic Mud	<u>1298</u> PSI	Initial Shut-In	<u>30</u>	Shale Packer		

TRILOBITE TESTING INC. SHALL NOT BE LIABLE FOR DAMAGED OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Approved By _____

Our Representative Zachary D Staves

Final Flow	<u>30</u>	Ruined Packer	<u>105</u>
Final Shut-In	<u>60</u>	Mileage	<u>184 RT</u>
T-On Location	<u>14:15</u>	Sub Total:	
T-Started	<u>14:22</u>	Std. By	<u>✓ 1hr</u>
T-Open	<u>17:53</u>	Acc. Chg:	<u>1555</u>
T-Pulled	<u>20:26</u>	Other:	
T-Out	<u>00:09</u>	Total:	

GAS VOLUME REPORT

Redoak Energy Inc
OPERATOR

TIME REPORT
Kallens 1-24

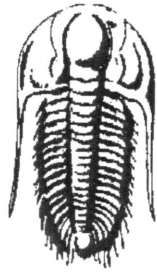
3
DST

Initial Flow

Second Flow

Min.	Inch. of Water PSIG	Orifice Size	CF/D
15	70	1/4	134.0
20	50	1/2	434.4
30	31	1/4	70.4

Remarks:



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Red Oak Energy Inc**

7701 E Kellogg Ste 710
Wichita KS 67207

ATTN: Kevin Davis

24 29S 17W Kiowa KS

Robbins 1-24

Start Date: 2006.01.05 @ 12:25:13

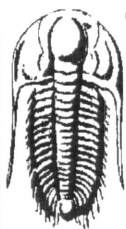
End Date: 2006.01.05 @ 21:10:58

Job Ticket #: 25893 DST #: 4

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Red Oak Energy Inc

7701 E Kellogg Ste 710
Wichita KS 67207

ATTN: Kevin Davis

Robbins 1-24

24 29S 17W Kiowa KS

Job Ticket: 25893

DST#: 4

Test Start: 2006.01.05 @ 12:25:13

GENERAL INFORMATION:

Formation: **lansing a-b**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:09:58

Time Test Ended: 21:10:58

Test Type: Conventional Bottom Hole

Tester: Travy Cushenbery

Unit No: 30

Interval: **4156.00 ft (KB) To 4220.00 ft (KB) (TVD)**

Total Depth: 4220.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 2070.00 ft (KB)

2059.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 6668

Inside

Press@RunDepth: 651.54 psig @ 4156.00 ft (KB)

Start Date: 2006.01.05

End Date:

2006.01.05

Capacity: 7000.00 psig

Last Calib.:

2007.01.05

Start Time: 12:25:18

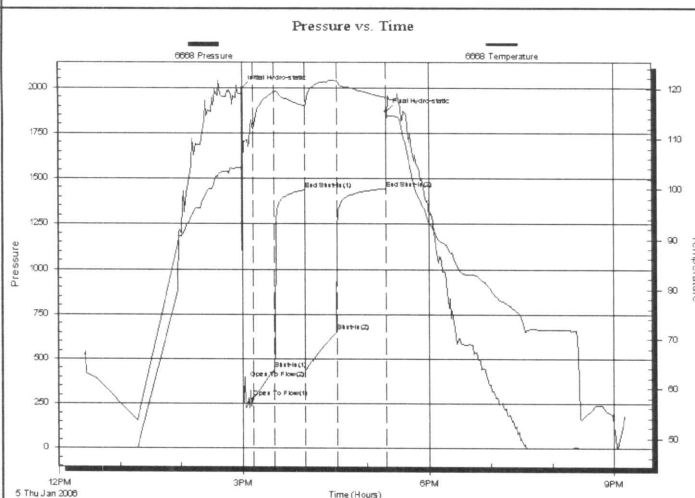
End Time:

21:10:58

Time On Btm: 2006.01.05 @ 14:59:28

Time Off Btm: 2006.01.05 @ 17:17:57

TEST COMMENT: IF Strong blow BOB immediately
ISI Bled off No blow back
FF Weak blow BOB in 3 1/2 mins.
Bled off No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1993.52	104.24	Initial Hydro-static
11	281.63	111.90	Open To Flow (1)
31	441.26	119.32	Shut-In(1)
61	1436.56	116.57	End Shut-In(1)
61	438.27	116.41	Open To Flow (2)
91	651.54	121.52	Shut-In(2)
139	1441.78	118.28	End Shut-In(2)
139	1867.71	118.02	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
960.00	Total Recovery	13.47
192.00	Drilling mud 100%M	2.69
384.00	Muddy Water 70%W 30%M	5.39
256.00	Muddy Water 80%W 20%M	3.59
128.00	Water 100%W	1.80

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Red Oak Energy Inc

Robbins 1-24

7701 E Kellogg Ste 710
Wichita KS 67207

24 29S 17W Kiowa KS

Job Ticket: 25893

DST#: 4

ATTN: Kevin Davis

Test Start: 2006.01.05 @ 12:25:13

Tool Information

Drill Pipe:	Length: 4149.00 ft	Diameter: 3.80 inches	Volume: 58.20 bbl	Tool Weight:	2100.00 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:	60000.00 lb	
			Total Volume:	58.20 bbl	Tool Chased	25.00 ft
Drill Pipe Above KB:	21.00 ft			String Weight: Initial	40000.00 lb	
Depth to Top Packer:	4156.00 ft			Final	50000.00 lb	
Depth to Bottom Packer:	ft					
Interval between Packers:	63.00 ft					
Tool Length:	91.00 ft					
Number of Packers:	2	Diameter:	6.75 inches			
Tool Comments:						

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4133.00	
Hydraulic tool	5.00			4138.00	
Jars	5.00			4143.00	
Safety Joint	3.00			4146.00	
Packer	5.00			4151.00	28.00 Bottom Of Top Packer
Packer	5.00			4156.00	
Recorder	0.00	6668	Inside	4156.00	
Perforations	15.00			4171.00	
Change Over Sub	0.50			4171.50	
Drill Pipe	32.00			4203.50	
Change Over Sub	0.50			4204.00	
Perforations	12.00			4216.00	
Recorder	0.00	13266	Outside	4216.00	
Bullnose	3.00			4219.00	63.00 Bottom Packers & Anchor
Total Tool Length:	91.00				



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Red Oak Energy Inc

Robbins 1-24

7701 E Kellogg Ste 710
Wichita KS 67207

24 29S 17W Kiowa KS

Job Ticket: 25893

DST#: 4

ATTN: Kevin Davis

Test Start: 2006.01.05 @ 12:25:13

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:

6000 ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.96 in³

Gas Cushion Type:

Resistivity: 1.78 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
960.00	Total Recovery	13.466
192.00	Drilling mud 100%M	2.693
384.00	Muddy Water 70%W 30%M	5.387
256.00	Muddy Water 80%W 20%M	3.591
128.00	Water 100%W	1.796

Total Length: 1920.00 ft

Total Volume: 26.933 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

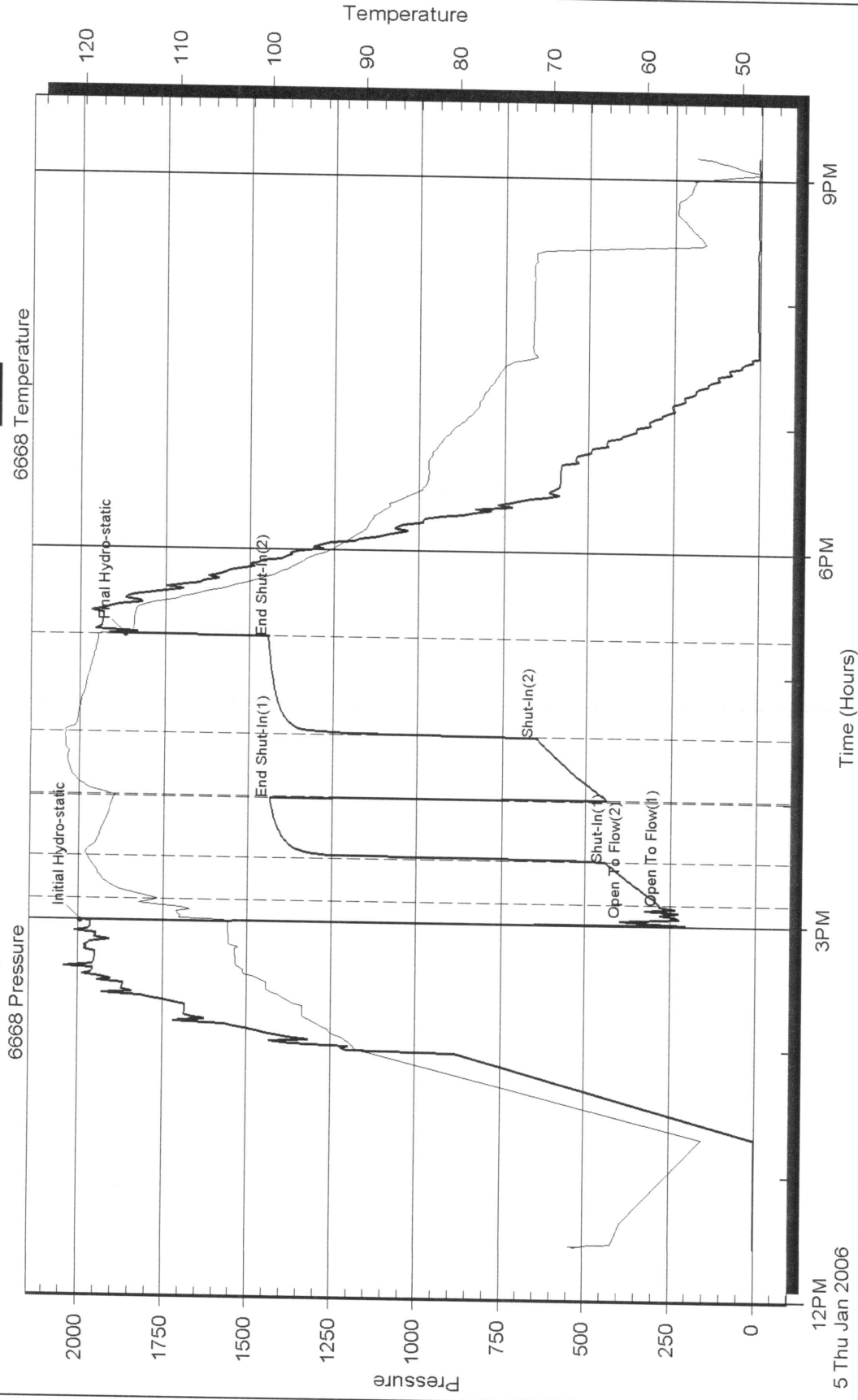
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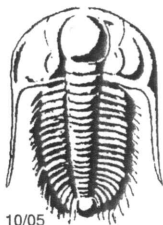
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

25893

Test Ticket

Well Name & No. Robbins #1-24 Test No. #4 Date 1-5-07
 Company Red Oak Energy Inc. Zone Tested Lansing A & B
 Address 7701 E Kellogg Suite 710 Wichita, KS 67207 Elevation _____ KB 2059 GL _____
 Co. Rep / Geo. Kevin Davis Rig Fossil Rig
 Location: Sec. 24 Twp. 29 Rge. 17 Co. Lincoln State KS
 Comment: _____ Release date / time: _____

Interval Tested 4136' - 4220' Initial Str Wt./Lbs. 40,000 Unseated Str Wt./Lbs. 50,000
 Anchor Length 64 Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 60,000
 Top Packer Depth 4151' Tool Weight 2,100 lbs
 Bottom Packer Depth 4136' Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓
 Total Depth 4220' Wt. Pipe Run none Drill Collar Run 0
 Mud Wt. 9.0 LCM 0 Vis. 51 WL 8.0 Drill Pipe Size 4 1/2 XH Ft. Run 4149

Blow Description IF: Strong blow. B.O.B. immediately.
ISI: Bled off. No blow back.
FF: Weak blow. B.O.B. in 3 1/2 mins.
FSI: Bled off. No blow back.

Recovery - Total Feet 960 GIP — Ft. in DC — Ft. in DP 960
 Rec. 192 Feet of Drilling Mud %gas _____ %oil _____ %water 100 %mud _____
 Rec. 384 Feet of Muddy Water %gas _____ %oil 70 %water 30 %mud _____
 Rec. 256 Feet of Muddy Water %gas _____ %oil 80 %water 20 %mud _____
 Rec. 128 Feet of Water %gas _____ %oil 100 %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 BHT 118 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW 1.78 @ 38 °F Chlorides 6,000 ppm Recovery _____ Chlorides 5,000 ppm System

AK-12013 Alpine

(A) Initial Hydrostatic Mud 8450 PSI Recorder No. 6668 Test ✓
 (B) First Initial Flow Pressure 282 PSI (depth) 4156' Jars ✓
 (C) First Final Flow Pressure 441 PSI Recorder No. 13266 Safety Jt. ✓
 (D) Initial Shut-In Pressure 1,437 PSI (depth) 4217' Circ Sub _____
 (E) Second Initial Flow Pressure 438 PSI Recorder No. — Sampler _____
 (F) Second Final Flow Pressure 652 PSI (depth) — Straddle _____
 (G) Final Shut-In Pressure 1442 PSI Initial Opening 30 mins Ext. Packer _____
 (Q) Final Hydrostatic Mud @ 1958 PSI Initial Shut-In 30 mins Shale Packer _____

TRILOBITE TESTING INC. SHALL NOT BE LIABLE FOR DAMAGED OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

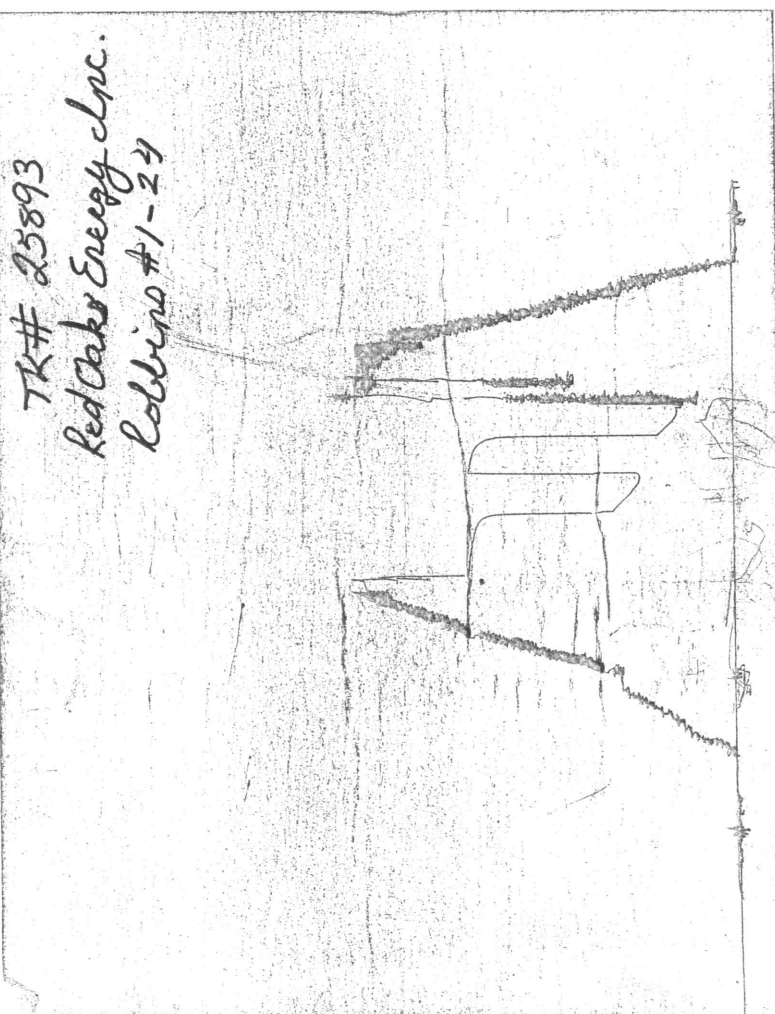
Final Flow 30 mins Ruined Packer _____
 Final Shut-In 45 mins Mileage ✓ 70 miles
 T-On Location 11:30 Sub Total: _____
 T-Started 12:25 Std. By _____
 T-Open 15:24 Acc. Chg: _____
 T-Pulled 17:39 Other: _____
 T-Out 21:20 Total: _____

Approved By _____

Our Representative Tracy Luskbenberg

CHART PAGE

This is a photocopy of the actual AK-1 recorder chart.





DRILL STEM TEST REPORT

Prepared For: **Red Oak Energy Inc**

7701 E Kellogg Ste 710
Wichita KS 67207

ATTN: Kevin Davis

24 29S 17W Kiowa KS

Robbins 1-24

Start Date: 2007.01.07 @ 10:30:29

End Date: 2007.01.07 @ 17:59:29

Job Ticket #: 25894 DST #: 5

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

Red Oak Energy Inc

7701 E Kellogg Ste 710
Wichita KS 67207

ATTN: Kevin Davis

Robbins 1-24

24 29S 17W Kiowa KS

Job Ticket: 25894

DST#: 5

Test Start: 2007.01.07 @ 10:30:29

GENERAL INFORMATION:

Formation: **Miss.**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:58:14

Time Test Ended: 17:59:29

Interval: **4742.00 ft (KB) To 4770.00 ft (KB) (TVD)**

Total Depth: 4770.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole

Tester: Travy Cushenbery

Unit No: 30

Reference Elevations: 2070.00 ft (KB)

2059.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 6668

Inside

Press@RunDepth: 24.40 psig @ 4742.00 ft (KB)

Start Date: 2007.01.07

End Date:

2007.01.07

Start Time: 10:30:34

End Time:

17:59:28

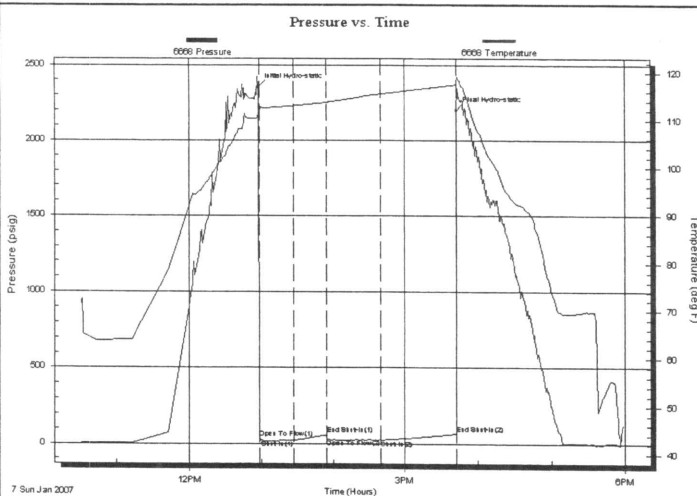
Capacity: 7000.00 psig

Last Calib.: 2007.01.07

Time On Btm: 2007.01.07 @ 12:57:44

Time Off Btm: 2007.01.07 @ 15:42:28

TEST COMMENT: IF Weak blow Building to 2 " in 30 mins.
ISI Bled off No blow back
FF Weak blow Building to 1/2 " in 45 mins.
FSI Bled off No blow back



PRESSURE SUMMARY

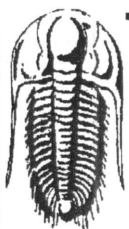
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2350.84	111.38	Initial Hydro-static
1	33.00	111.59	Open To Flow (1)
30	21.56	113.14	Shut-In(1)
57	58.73	113.84	End Shut-In(1)
58	29.44	113.90	Open To Flow (2)
103	24.40	115.59	Shut-In(2)
165	66.94	117.56	End Shut-In(2)
165	2198.15	118.27	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	Drilling Mud 100%Mw / scum of Oil	0.21

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Red Oak Energy Inc

Robbins 1-24

7701 E Kellogg Ste 710
Wichita KS 67207

24 29S 17W Kiowa KS

Job Ticket: 25894

DST#: 5

ATTN: Kevin Davis

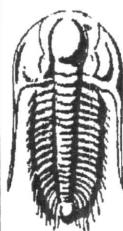
Test Start: 2007.01.07 @ 10:30:29

Tool Information

Drill Pipe:	Length: 4724.00 ft	Diameter: 3.80 inches	Volume: 66.27 bbl	Tool Weight: 2100.00 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: 50000.00 lb
			Total Volume: 66.27 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	4742.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	28.00 ft			
Tool Length:	56.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4719.00	
Hydraulic tool	5.00			4724.00	
Jars	5.00			4729.00	
Safety Joint	3.00			4732.00	
Packer	5.00			4737.00	28.00 Bottom Of Top Packer
Packer	5.00			4742.00	
Recorder	0.00	6668	Inside	4742.00	
Perforations	25.00			4767.00	
Recorder	0.00	13266	Outside	4767.00	
Bullnose	3.00			4770.00	28.00 Bottom Packers & Anchor
Total Tool Length:	56.00				



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Red Oak Energy Inc

Robbins 1-24

7701 E Kellogg Ste 710
Wichita KS 67207

24 29S 17W Kiowa KS

Job Ticket: 25894

DST#: 5

ATTN: Kevin Davis

Test Start: 2007.01.07 @ 10:30:29

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: 9.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 9500.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	Drilling Mud 100%Mw / scum of Oil	0.210

Total Length: 15.00 ft

Total Volume: 0.210 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

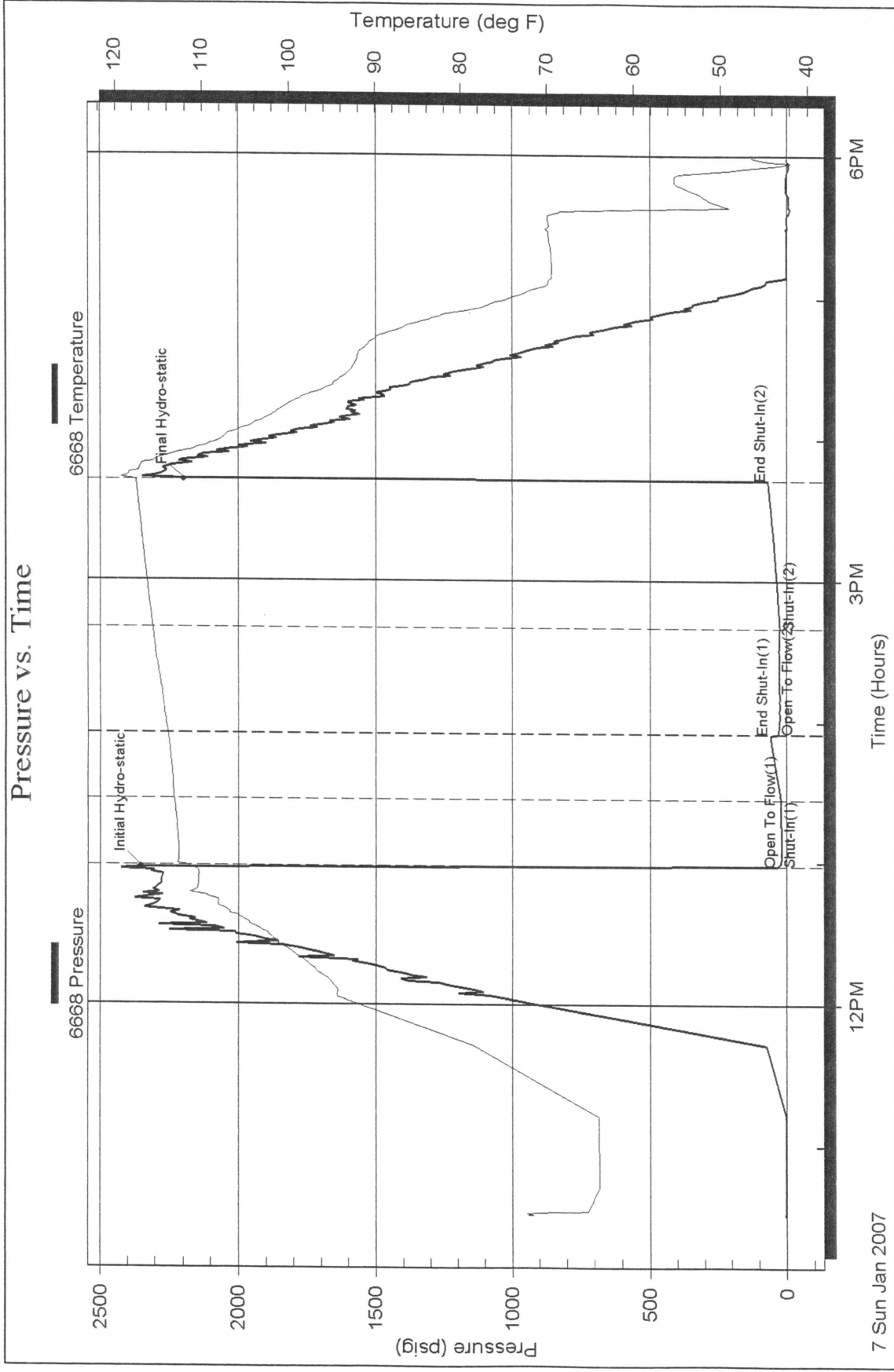
Serial #: 6668

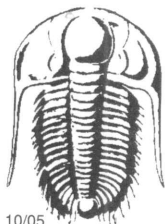
Inside

Red Oak Energy Inc

24 29S 17W Kiowa KS

DST Test Number: 5





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

25894

Test Ticket

Well Name & No. Robbins #1-24 Test No. #5 Date 1-7-07
 Company Red Oak Energy Inc. Zone Tested Miss.
 Address 7701 E. Kellogg Suite 710 Wichita, KS 67207 Elevation 2066 KB 2059 GL
 Co. Rep / Geo. Kevin Davis Rig Fossil Rig
 Location: Sec. 24 Twp. 29 Rge. 17 Co. Lincoln State KS
 Comment: _____ Release date / time: _____

Interval Tested 4742' - 4770' Initial Str Wt./Lbs. 48,000 Unseated Str Wt./Lbs. 48,000
 Anchor Length 28' Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 50,000
 Top Packer Depth 4737' Tool Weight 2,100 lbs
 Bottom Packer Depth 4742' Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓
 Total Depth 4770' Wt. Pipe Run NONE Drill Collar Run NONE
 Mud Wt. 8.9 LCM — Vis. 49 WL 9.6 Drill Pipe Size 4 1/2 x H Ft. Run 4724

Blow Description IF: Weak blow. Building to 2" in 30 mins.

ISI: Bled off. No blow back.

FF: Weak blow. Building to 1/2" in 45 mins.

ISI: Bled off. No blow back.

Recovery - Total Feet 15 GIP — Ft. in DC — Ft. in DP 15
 Rec. 15 Feet of Drilling mud/sam %gas %oil %water 100 %mud
 Rec. _____ Feet of oil %gas %oil %water %mud
 Rec. _____ Feet of _____ %gas %oil %water %mud
 Rec. _____ Feet of _____ %gas %oil %water %mud
 Rec. _____ Feet of _____ %gas %oil %water %mud
 BHT 118 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 9500 ppm System

(A) Initial Hydrostatic Mud	<u>2,423</u> PSI	Recorder No.	<u>66668</u>	Test	<u>✓</u>
(B) First Initial Flow Pressure	<u>33</u> PSI	(depth)	<u>4742'</u>	Jars	<u>✓</u>
(C) First Final Flow Pressure	<u>22</u> PSI	Recorder No.	<u>13266</u>	Safety Jt.	<u>✓</u>
(D) Initial Shut-In Pressure	<u>59</u> PSI	(depth)	<u>4767'</u>	Circ Sub	_____
(E) Second Initial Flow Pressure	<u>29</u> PSI	Recorder No.	<u>—</u>	Sampler	_____
(F) Second Final Flow Pressure	<u>24</u> PSI	(depth)	<u>—</u>	Straddle	_____
(G) Final Shut-In Pressure	<u>67</u> PSI	Initial Opening	<u>30 mins</u>	Ext. Packer	_____
(Q) Final Hydrostatic Mud	<u>2,348</u> PSI	Initial Shut-In	<u>30 mins</u>	Shale Packer	_____
		Final Flow	<u>45 mins</u>	Ruined Packer	_____
		Final Shut-In	<u>60 mins</u>	Mileage	<u>✓ 70 miles</u>
		T-On Location	<u>9:00</u>	Sub Total:	_____
		T-Started	<u>10:30</u>	Std. By	_____
		T-Open	<u>13:01</u>	Acc. Chg:	_____
		T-Pulled	<u>15:46</u>	Other:	_____
		T-Out	<u>17:59</u>	Total:	_____

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Approved By K. Davis
 Our Representative Tracy Lushenbrey

CHART PAGE

This is a photocopy of the actual AK-1 recorder chart.

