

DRILL STEM TEST REPORT

Prepared For: **Red Oak Energy Inc**

7701 E Kellogg Ste 710
Wichita KS 67207

ATTN: Scott Banks

1 15 41 Wallace KS

J. Smith #2

Start Date: 2007.11.11 @ 17:45:05

End Date: 2007.11.12 @ 03:45:45

Job Ticket #: 29503 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Red Oak Energy Inc

J. Smith #2

1 15 41 Wallace KS

DST # 1

Morrow

2007.11.11



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Red Oak Energy Inc

J. Smith #2

7701 E Kellogg Ste 710
Wichita KS 67207

1 15 41 Wallace KS

Job Ticket: 29503

DST#: 1

ATTN: Scott Banks

Test Start: 2007.11.11 @ 17:45:05

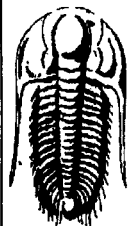
Tool Information

Drill Pipe:	Length: 4379.00 ft	Diameter: 3.80 inches	Volume: 61.43 bbl	Tool Weight: 1500.00 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: 513.00 ft	Diameter: 2.25 inches	Volume: 2.52 bbl	Weight to Pull Loose: 100000.0 lb
			<u>Total Volume: 63.95 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	29.00 ft			String Weight: Initial 80000.00 lb
Depth to Top Packer:	4890.00 ft			Final 80000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	60.00 ft			
Tool Length:	87.00 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			4864.00	
Shut In Tool	5.00			4869.00	
Hydraulic tool	5.00			4874.00	
Jars	5.00			4879.00	
Safety Joint	2.00			4881.00	
Packer	5.00			4886.00	27.00 Bottom Of Top Packer
Packer	4.00			4890.00	
Stubb	1.00			4891.00	
Recorder	0.00	6667	Inside	4891.00	
Recorder	0.00	6771	Outside	4891.00	
Perforations	20.00			4911.00	
Change Over Sub	1.00			4912.00	
Drill Pipe	32.00			4944.00	
Change Over Sub	1.00			4945.00	
Bullnose	5.00			4950.00	60.00 Bottom Packers & Anchor

Total Tool Length: 87.00



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Wichita KS 67207

1 15 41 Wallace KS

Job Ticket: 29503

DST#: 1

ATTN: Scott Banks

Test Start: 2007.11.11 @ 17:45:05

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 59.00 sec/qt

Water Loss: 7.16 in³

Resistivity: 0.00 ohm.m

Salinity: 4600.00 ppm

Filter Cake: 2.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

0 deg API

Water Salinity: 0 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
200.00	SGM 10%G 90%M	0.984

Total Length: 200.00 ft Total Volume: 0.984 bbl

Num Fluid Samples: 0

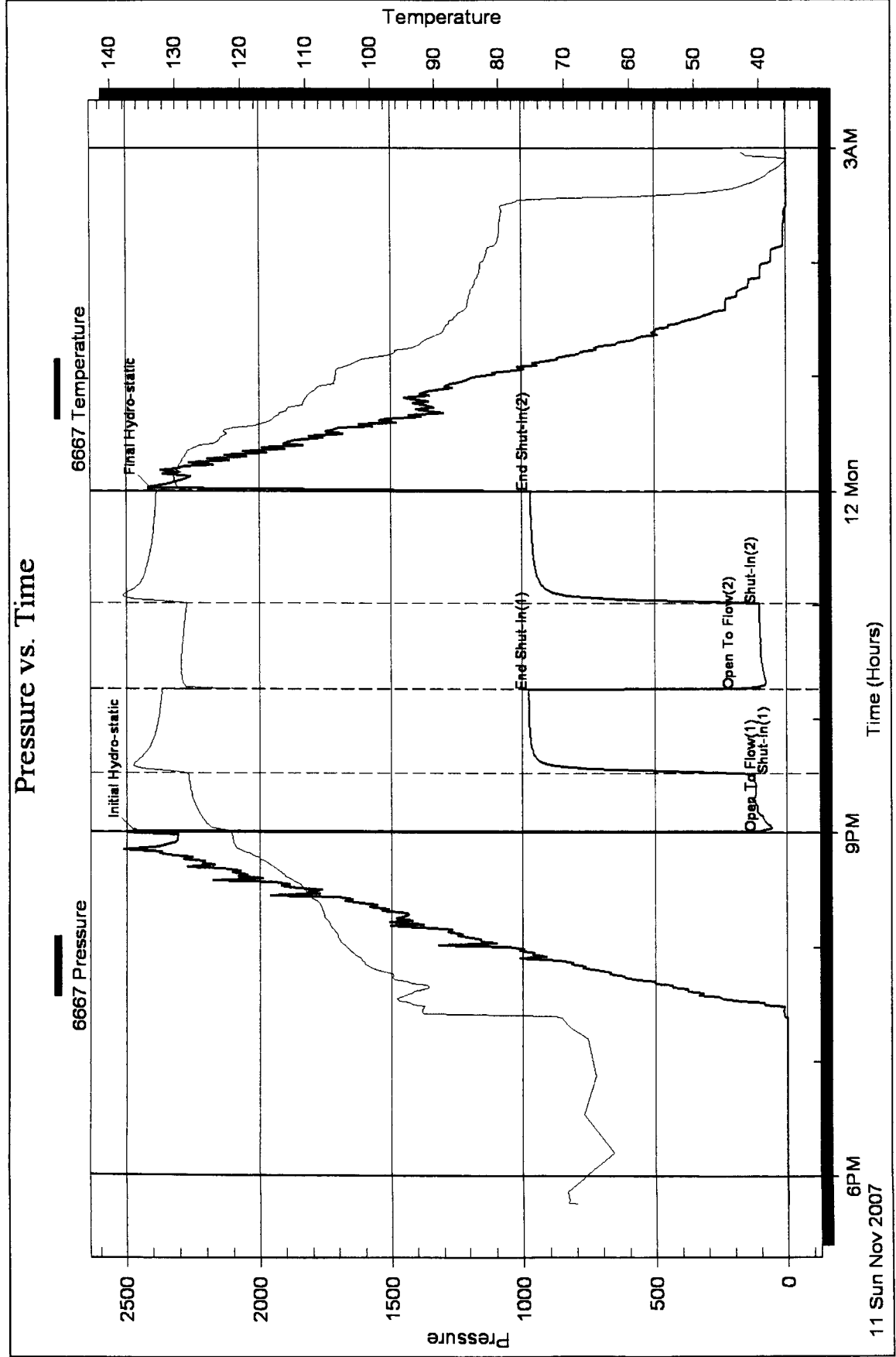
Num Gas Bombs: 0

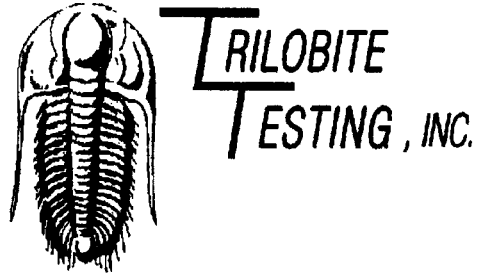
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





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Prepared For: **Red Oak Energy Inc**

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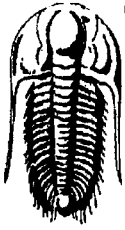
J. Smith #2

Start Date: 2007.11.12 @ 11:35:05

End Date: 2007.11.12 @ 22:40:45

Job Ticket #: 29504 DST #: 2

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



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DRILL STEM TEST REPORT

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7701 E Kellogg Ste 710
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ATTN: Scott Banks

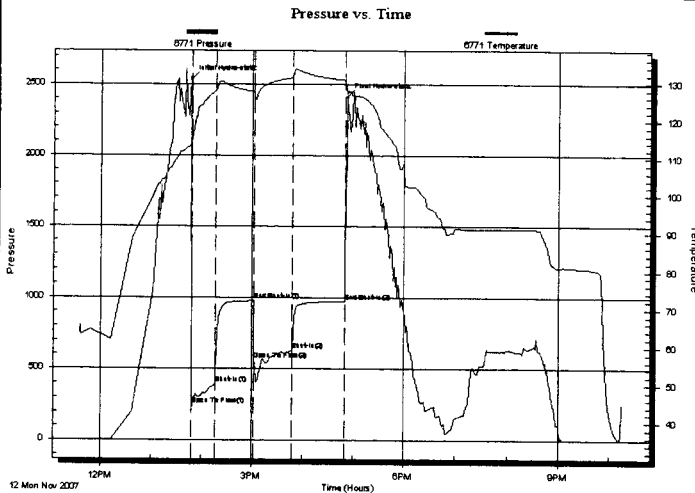
J. Smith #2
1 15 41 Wallace KS
Job Ticket: 29504 **DST#: 2**
Test Start: 2007.11.12 @ 11:35:05

GENERAL INFORMATION:

Formation: **Morrow**
Deviated: **No** Whipstock: ft (KB)
Time Tool Opened: 13:48:00
Time Test Ended: 22:40:45
Interval: **4892.00 ft (KB) To 4980.00 ft (KB) (TVD)**
Total Depth: **4980.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: Fair
Test Type: Conventional Bottom Hole
Tester: Shane McBride
Unit No: 40
Reference Elevations: 3739.00 ft (KB)
3728.00 ft (CF)
KB to GR/CF: 11.00 ft

Serial #: 6771 Outside
Press@RunDepth: 629.43 psig @ 4893.00 ft (KB) Capacity: 7000.00 psig
Start Date: 2007.11.12 End Date: 2007.11.12 Last Calib.: 2007.11.12
Start Time: 11:35:05 End Time: 22:15:45 Time On Btm: 2007.11.12 @ 13:47:15
Time Off Btm: 2007.11.12 @ 16:52:00

TEST COMMENT: BOB in 2 min. GTS in 27 min.
Bled off throughout shutin
Gauging gas @ open
Bled off throughout shutin



PRESSURE SUMMARY

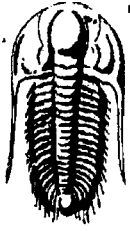
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2537.56	114.12	Initial Hydro-static
1	242.19	115.44	Open To Flow (1)
30	397.07	127.93	Shut-In(1)
75	973.25	127.70	End Shut-In(1)
76	564.54	125.34	Open To Flow (2)
120	629.43	131.41	Shut-In(2)
183	971.06	130.76	End Shut-In(2)
185	2411.27	127.16	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
186.00	GOCM 30%G 30%O 40%M	0.91
1023.00	CGO reversed out 35%G 65%O	11.37
279.00	CGO 35%G 65%O	3.91
93.00	MCGO 20%M 30%G 50%O	1.30

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	3.00	6.51
Last Gas Rate	0.13	6.00	7.64
Max. Gas Rate	0.13	6.00	7.64



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TOOL DIAGRAM

Red Oak Energy Inc

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Wichita KS 67207

1 15 41 Wallace KS

Job Ticket: 29504

DST#: 2

ATTN: Scott Banks

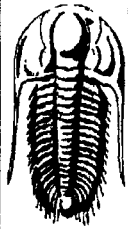
Test Start: 2007.11.12 @ 11:35:05

Tool Information

Drill Pipe:	Length: 4380.00 ft	Diameter: 3.80 inches	Volume: 61.44 bbl	Tool Weight: 1500.00 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: 513.00 ft	Diameter: 2.25 inches	Volume: 2.52 bbl	Weight to Pull Loose: 120000.0 lb
		Total Volume:	63.96 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 80000.00 lb
Depth to Top Packer:	4892.00 ft			Final 84000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	88.00 ft			
Tool Length:	115.00 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			4866.00	
Shut In Tool	5.00			4871.00	
Hydraulic tool	5.00			4876.00	
Jars	5.00			4881.00	
Safety Joint	2.00			4883.00	
Packer	5.00			4888.00	27.00 Bottom Of Top Packer
Packer	4.00			4892.00	
Stubb	1.00			4893.00	
Recorder	0.00	6667	Inside	4893.00	
Recorder	0.00	6771	Outside	4893.00	
Perforations	17.00			4910.00	
Change Over Sub	1.00			4911.00	
Drill Pipe	63.00			4974.00	
Change Over Sub	1.00			4975.00	
Bullnose	5.00			4980.00	88.00 Bottom Packers & Anchor
Total Tool Length:		115.00			



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ATTN: Scott Banks

Job Ticket: 29504

DST#: 2

Test Start: 2007.11.12 @ 11:35:05

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 56.00 sec/qt

Water Loss: 10.34 in³

Resistivity: 0.00 ohm.m

Salinity: 5300.00 ppm

Filter Cake: 2.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

39 deg API

Water Salinity: 0 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
186.00	GOCM 30%G 30%O 40%M	0.915
1023.00	CGO reversed out 35%G 65%O	11.371
279.00	CGO 35%G 65%O	3.914
93.00	MCGO 20%M 30%G 50%O	1.305

Total Length: 1581.00 ft

Total Volume: 17.505 bbl

Num Fluid Samples: 0

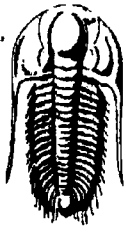
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

GAS RATES

Red Oak Energy Inc
7701 E Kellogg Ste 710
Wichita KS 67207

J. Smith #2

1 15 41 Wallace KS

Job Ticket: 29504

DST#: 2

ATTN: Scott Banks

Test Start: 2007.11.12 @ 11:35:05

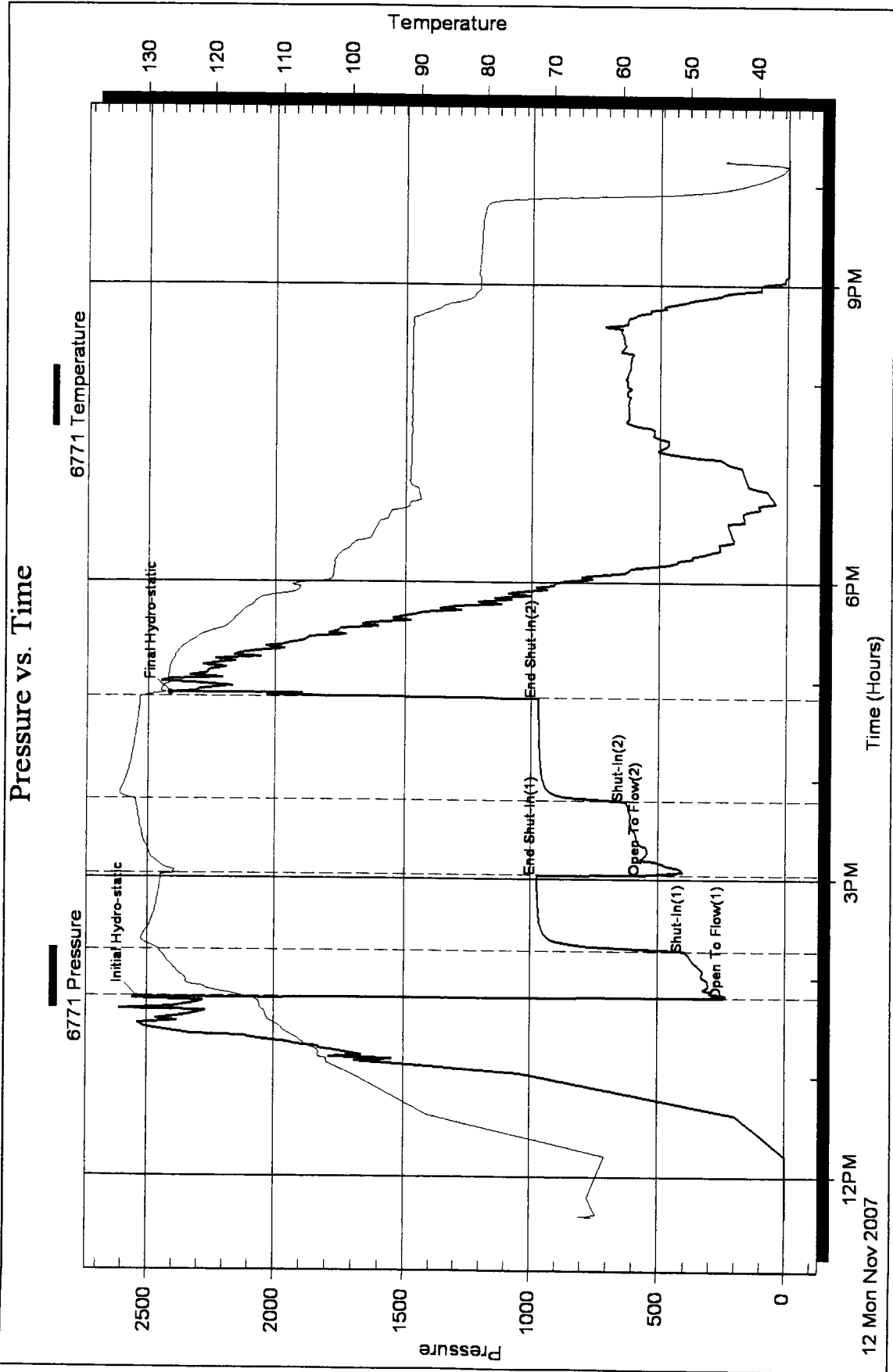
Gas Rates Information

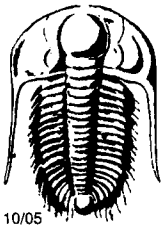
Temperature: 59 deg C
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m ³ /d)
1	30	0.13	3.00	6.51
2	5	0.13	1.00	5.76
2	10	0.13	2.00	6.14
2	15	0.13	3.00	6.51
2	20	0.13	4.00	6.89
2	25	0.13	5.00	7.26
2	30	0.13	5.00	7.26
2	35	0.13	5.00	7.26
2	40	0.13	6.00	7.64
2	45	0.13	6.00	7.64

Pressure vs. Time





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

29505

RECEIVED
NOV 15 2007

10915

BY: _____

Test Ticket

Well Name & No. J. Smith #2 Test No. # 1 Date 11/2/07
 Company Red Oak Energy Inc. Zone Tested Morrow
 Address 7701 E. Kellogg Ste. 710 Wichita, KS 67207 Elevation 3739 KB 3728 GL
 Co. Rep / Geo. Scott Banks Rig Muller #25
 Location: Sec. 1 Twp. 135 Rge. 4/W Co. Wallace State Ks
 Comment: _____ Release date / time: _____

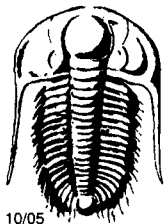
Interval Tested 4890 4950 Initial Str Wt./Lbs. 82000 Unseated Str Wt./Lbs. 82000
 Anchor Length _____ Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 100,000
 Top Packer Depth _____ Tool Weight 1500
 Bottom Packer Depth _____ Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓
 Total Depth _____ Wt. Pipe Run _____ Drill Collar Run 513' XH
 Mud Wt. 9.2 LCM #2 Vis. 59 WL 7.2 Drill Pipe Size 4 1/2 XH Ft. Run 4379'
 Blow Description B.O.B. in 2 min G.T.S. in 14 min
Bled off for 8 min. No return
Bringing Gas @ open
Bled off for 8 min. No return

Recovery - Total Feet 200 GIP G.T.S. Ft. in DC 200 Ft. in DP _____
 Rec. 200 Feet of Sgm 10 %gas %oil %water 90 %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 133° °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 4600 ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>2470</u>	PSI	<u>6667</u>	<u>1204</u>
(B) First Initial Flow Pressure	<u>109</u>	PSI	<u>4891</u>	<u>250</u>
(C) First Final Flow Pressure	<u>122</u>	PSI	<u>6771</u>	<u>75</u>
(D) Initial Shut-In Pressure	<u>974</u>	PSI	<u>4891</u>	<u>Circ Sub x N/K</u>
(E) Second Initial Flow Pressure	<u>191</u>	PSI		Sampler _____
(F) Second Final Flow Pressure	<u>105</u>	PSI		Straddle _____
(G) Final Shut-In Pressure	<u>967</u>	PSI	Initial Opening <u>30</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>2406</u>	PSI	Initial Shut-In <u>45</u>	Shale Packer _____
			Final Flow <u>45</u>	Ruined Packer _____
			Final Shut-In <u>600</u>	Mileage <u>x 152 RT</u> <u>196</u>

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 [Signature]
 T-Started 16:40 pm Sub Total: _____
 T-Open 18:20 pm Std. By 100
 T-Pulled 21:38 pm Acc. Chg: _____
 T-Out 00:38 pm Other: _____
Central Time Total: \$ 1815



TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

29504

RECEIVED
NOV 15 2007

Test Ticket

BY: _____

Well Name & No. J. Smith #2 Test No. #2 Date 11/12/07
 Company Red Oak Energy Inc. Zone Tested 4Murray
 Address 711 E. Kellogg Ste. 710 Wichita, KS 67207 Elevation 3739 KB 3728 GL
 Co. Rep / Geo. Scott Banks Rig 4Murray #25
 Location: Sec. 1 Twp. 15S Rge. 41W Co. Wallace State Ks
 Comment: _____ Release date / time: _____

Interval Tested 4892 4980 Initial Str Wt./Lbs. 80,000 Unseated Str Wt./Lbs. 84,000
 Anchor Length _____ 88 Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 10,000
 Top Packer Depth _____ 4887 Tool Weight 1500
 Bottom Packer Depth _____ 4892 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth _____ 4980 Wt. Pipe Run _____ Drill Collar Run 573 XH
 Mud Wt. 9.0 LCM #2 Vis. 56 WL 10.4 Drill Pipe Size 4 1/2 XH Ft. Run 4380'
 Blow Description BDiB. ind 2 min. G.T.S. in 27 min.
Bled off throughout Shut in.
Gauging Gas @ open
Bled off throughout Shut in.

Recovery - Total Feet	GIP	Ft. in DC	Ft. in DP
<u>1581</u>	<u>G.T.S</u>	<u>513</u>	<u>1068</u>
Rec. <u>93</u>	Feet of <u>mc 90</u>	<u>30</u> %gas	<u>50</u> %oil
Rec. <u>279</u>	Feet of <u>c 90</u>	<u>35</u> %gas	<u>65</u> %oil
Rec. <u>1023</u>	Feet of <u>c 90 (Reversed out)</u>	<u>35</u> %gas	<u>65</u> %oil
Rec. <u>186'</u>	Feet of <u>gocm</u>	<u>30</u> %gas	<u>30</u> %oil
Rec. _____	Feet of _____	%gas	%oil
BHT <u>131°</u>	*F Gravity <u>39</u>	*API D @ <u>40°</u>	*F Corrected Gravity <u>39</u>
RW _____ @ _____ *F	Chlorides _____ ppm	Recovery _____	Chlorides <u>5300</u> ppm System

	AK-1	Alpine	Recorder No.	Test x
(A) Initial Hydrostatic Mud	<u>2537</u> PSI		<u>66667</u>	<u>1200</u>
(B) First Initial Flow Pressure	<u>242</u> PSI		<u>4893'</u>	Jars <u>256</u>
(C) First Final Flow Pressure	<u>397</u> PSI		<u>6771</u>	Safety Jtx <u>75</u>
(D) Initial Shut-In Pressure	<u>973</u> PSI		<u>4893'</u>	Circ Sub x <u>50 00 50</u>
(E) Second Initial Flow Pressure	<u>564</u> PSI			Sampler _____
(F) Second Final Flow Pressure	<u>629</u> PSI			Straddle _____
(G) Final Shut-In Pressure	<u>971</u> PSI	Initial Opening <u>30</u>		Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>2411</u> PSI	Initial Shut-In <u>45</u>		Shale Packer _____
		Final Flow <u>45</u>		Ruined Packer X <u>260</u>
		Final Shut-In <u>60</u>		Mileage X <u>152 RT</u> <u>190</u>
		T-On Location <u>11:10 A.M.</u>		Sub Total: _____
		T-Started <u>11:36 A.M.</u>		Std. By <u>15</u> <u>150</u>
		T-Open <u>13:50 P.M.</u>		Acc. Chg: _____
		T-Pulled <u>16:50 P.M.</u>		Other: _____
		T-Out <u>22:40 P.M.</u>		Total: <u>2175</u>

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Approved By [Signature]
 Our Representative [Signature]

