

TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Rupe Oil Co**

PO Box 783010
Wichita KS 67278

ATTN: Jim Musgrove

20 26 18W Edwards KS

Brown # 1 Twin

Start Date: 2008.06.19 @ 10:52:37

End Date: 2008.06.19 @ 17:04:07

Job Ticket #: 31971 DST #: 1

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Rupe Oil Co

Brown # 1 Twin

20 26 18W Edwards KS

DST # 1

Miss

2008.06.19



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Rupe Oil Co

PO Box 783010
Wichita KS 67278

ATTN: Jim Musgrove

Brown # 1 Twin

20 26 18W Edwards KS

Job Ticket: 31971

DST#: 1

Test Start: 2008.06.19 @ 10:52:37

GENERAL INFORMATION:

Formation: **Miss**

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

Time Tool Opened: 12:35:07

Time Test Ended: 17:04:07

Test Type: **Conventional Bottom Hole**

Tester: **Brian Fairbank**

Unit No: **41**

Interval: **4678.00 ft (KB) To 4697.00 ft (KB) (TVD)**

Total Depth: **4697.00 ft (KB) (TVD)**

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

Reference Elevations: **2204.00 ft (KB)**

2193.00 ft (CF)

KB to GR/CF: **11.00 ft**

Serial #: 6755

Inside

Press@RunDepth: **123.39 psig @ 4679.00 ft (KB)**

Start Date: **2008.06.19**

End Date:

2008.06.19

Capacity: **7000.00 psig**

Last Calib.: **2008.06.19**

Start Time: **10:52:42**

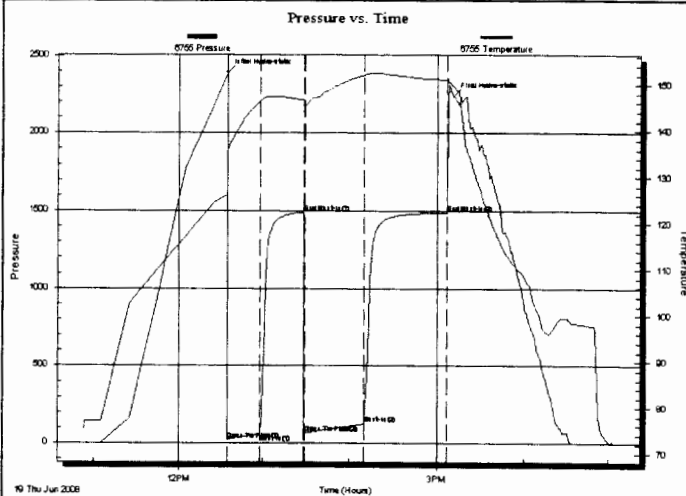
End Time:

17:04:06

Time On Btm: **2008.06.19 @ 12:34:37**

Time Off Btm: **2008.06.19 @ 15:11:07**

TEST COMMENT: IFP BOB 30 sec.
ISI No blow back
FFP BOB 4 min.
FSI Weak sur blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2386.49	126.26	Initial Hydro-static
1	23.43	135.96	Open To Flow (1)
23	57.98	146.33	Shut-In (1)
54	1489.68	146.72	End Shut-In (1)
55	63.58	145.52	Open To Flow (2)
96	123.39	152.07	Shut-In (2)
152	1489.95	151.09	End Shut-In (2)
157	2234.89	149.55	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
185.00	MW 70%W 30%M	2.60
45.00	100%M	0.63

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	0.75	5.67
Last Gas Rate			
Max. Gas Rate	0.13	1.50	5.95



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Rupe Oil Co

Brown # 1 Twin

PO Box 783010
Wichita KS 67278

20 26 18W Edwards KS

Job Ticket: 31971

DST#: 1

ATTN: Jim Musgrove

Test Start: 2008.06.19 @ 10:52:37

Tool Information

Drill Pipe:	Length: 4682.00 ft	Diameter: 3.80 inches	Volume: 65.68 bbl	Tool Weight:	2500.00 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:	70000.00 lb
			Total Volume: 65.68 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial	62000.00 lb
Depth to Top Packer:	4678.00 ft			Final	62000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	19.00 ft				
Tool Length:	47.00 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			4655.00	
Hydraulic tool	5.00			4660.00	
Jars	5.00			4665.00	
Safety Joint	3.00			4668.00	
Packer	5.00			4673.00	28.00 Bottom Of Top Packer
Packer	5.00			4678.00	
Stubb	1.00			4679.00	
Recorder	0.00	8018	Inside	4679.00	
Recorder	0.00	6755	Inside	4679.00	
Perforations	15.00			4694.00	
Bullnose	3.00			4697.00	19.00 Bottom Packers & Anchor
Total Tool Length:		47.00			



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Rupe Oil Co

Brown # 1 Twin

PO Box 783010
Wichita KS 67278

20 26 18W Edwards KS

Job Ticket: 31971

DST#: 1

ATTN: Jim Musgrove

Test Start: 2008.06.19 @ 10:52:37

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:

25000 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbl

Water Loss: 10.31 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
185.00	MW 70%W 30%M	2.595
45.00	100%M	0.631

Total Length: 230.00 ft

Total Volume: 3.226 bbl

Num Fluid Samples: 0

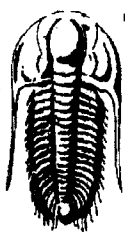
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: GTS 38 min.



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

GAS RATES

Rupe Oil Co

Brown # 1 Twin

PO Box 783010
Wichita KS 67278

20 26 18W Edwards KS

Job Ticket: 31971

DST#: 1

ATTN: Jim Musgrove

Test Start: 2008.06.19 @ 10:52:37

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)
2	10	0.13	0.75	5.67
2	10	0.13	0.75	5.67
2	20	0.13	1.00	5.76
2	30	0.13	1.50	5.95
0	-	-999999.00	-999999.00	-999999.00

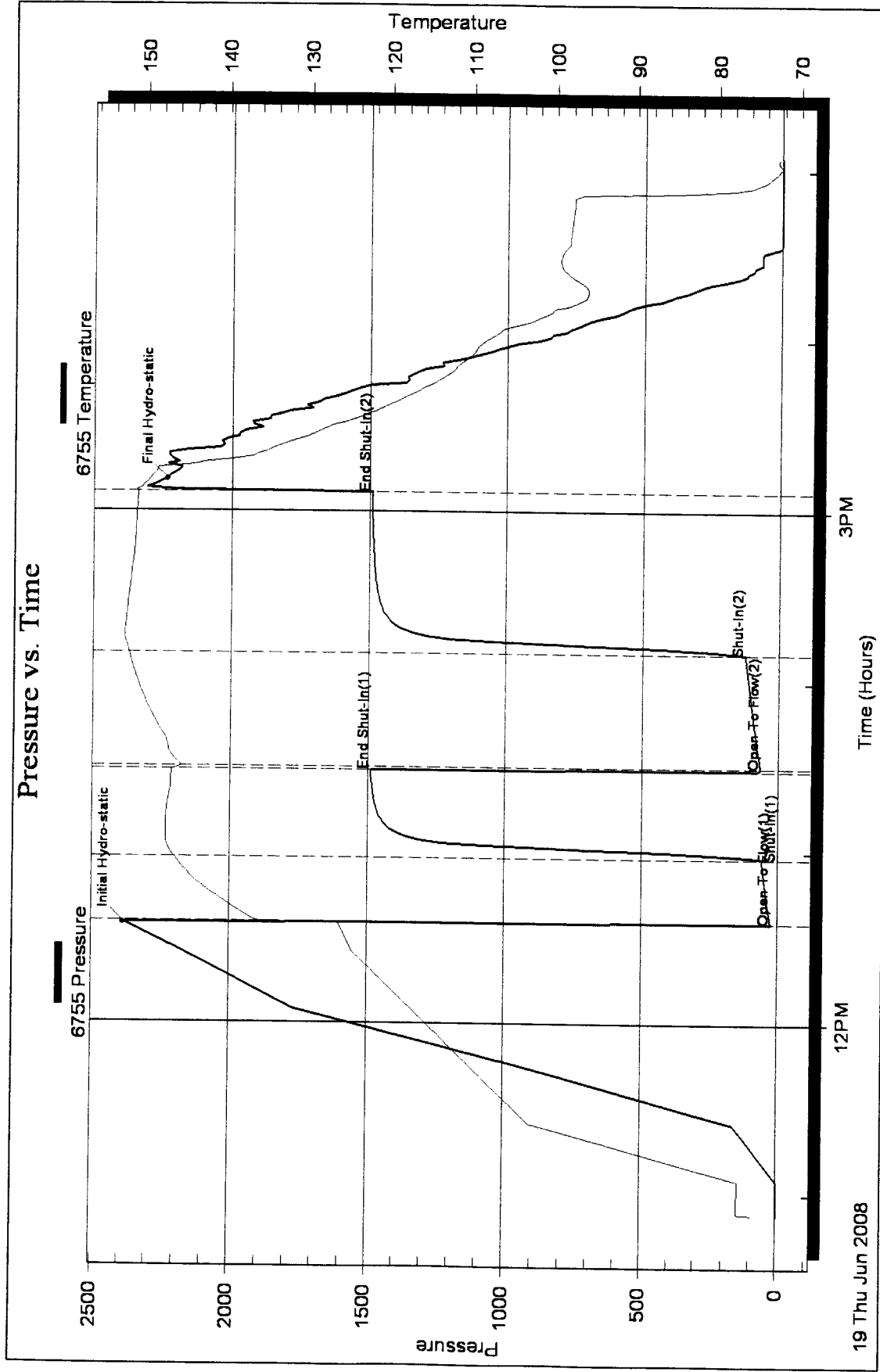
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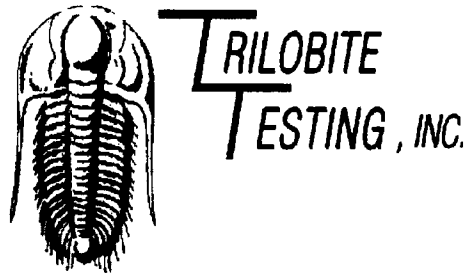
Inside

Rupe Oil Co

20 26 18W Edwards KS

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Rupe Oil Co**

PO Box 783010
Wichita KS 67278

ATTN: Jim Musgrove

20 26 18W Edwards KS

Brown # 1 Twin

Start Date: 2008.06.19 @ 23:59:41

End Date: 2008.06.20 @ 06:59:35

Job Ticket #: 31972 DST #: 2

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Rupe Oil Co

PO Box 783010
Wichita KS 67278

ATTN: Jim Musgrove

Brown # 1 Twin

20 26 18W Edwards KS

Job Ticket: 31972

DST#: 2

Test Start: 2008.06.19 @ 23:59:41

GENERAL INFORMATION:

Formation: **Miss (2)**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:07:36

Time Test Ended: 06:59:35

Test Type: Conventional Bottom Hole

Tester: Brian Fairbank

Unit No: 41

Interval: **4678.00 ft (KB) To 4701.00 ft (KB) (TVD)**

Total Depth: 4701.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition:

Reference Elevations: 2204.00 ft (KB)

2193.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 8018

Inside

Press@RunDepth: 123.94 psig @ 4683.00 ft (KB)

Start Date: 2008.06.19

End Date:

2008.06.20

Capacity: 7000.00 psig

Last Calib.: 2008.06.20

Start Time: 23:59:41

End Time:

06:59:35

Time On Btm: 2008.06.20 @ 02:06:06

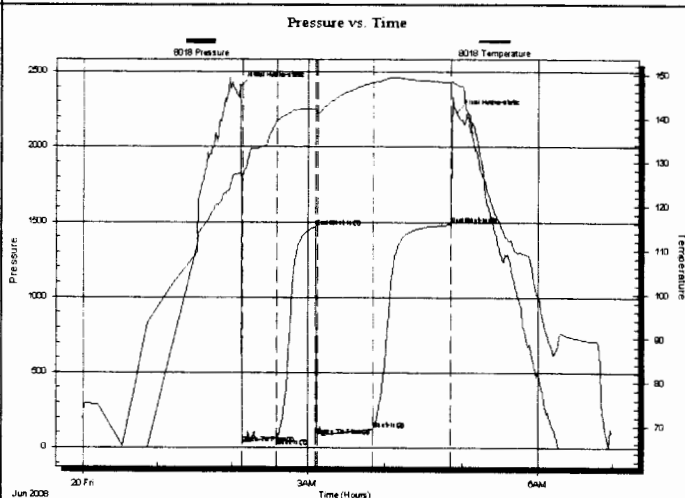
Time Off Btm: 2008.06.20 @ 04:55:35

TEST COMMENT: IFP BOB 7 min.

ISI 1 " blow back died 17 min.

FFP BOB 2 min.

FSI 2 " blow back died 22 min.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2407.45	127.62	Initial Hydro-static
2	28.55	126.57	Open To Flow (1)
30	65.84	139.38	Shut-In(1)
60	1466.82	142.03	End Shut-In(1)
61	74.40	141.24	Open To Flow (2)
105	123.94	148.12	Shut-In(2)
165	1481.92	148.11	End Shut-In(2)
170	2229.21	147.71	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
175.00	MW 60%W 40%M	2.45
55.00	100%M	0.77

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	0.50	5.58
Last Gas Rate	0.13	0.50	5.58
Max. Gas Rate	0.13	0.50	5.58



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Rupe Oil Co

Brown # 1 Twin

PO Box 783010
Wichita KS 67278

20 26 18W Edwards KS

Job Ticket: 31972

DST#: 2

ATTN: Jim Musgrove

Test Start: 2008.06.19 @ 23:59:41

Tool Information

Drill Pipe:	Length: 4677.00 ft	Diameter: 3.80 inches	Volume: 65.61 bbl	Tool Weight:	2500.00 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:	75000.00 lb
		Total Volume:	65.61 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial	62000.00 lb
Depth to Top Packer:	4678.00 ft			Final	63000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	23.00 ft				
Tool Length:	51.00 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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Shut In Tool	5.00		4655.00	
Hydraulic tool	5.00		4660.00	
Jars	5.00		4665.00	
Safety Joint	3.00		4668.00	
Packer	5.00		4673.00	28.00 Bottom Of Top Packer
Packer	5.00		4678.00	
Stubb	1.00		4679.00	
Perforations	4.00		4683.00	
Recorder	0.00	8018	Inside 4683.00	
Recorder	0.00	6755	Inside 4683.00	
Perforations	15.00		4698.00	
Bullnose	3.00		4701.00	23.00 Bottom Packers & Anchor

Total Tool Length: 51.00



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Rupe Oil Co

Brown # 1 Twin

PO Box 783010
Wichita KS 67278

20 26 18W Edwards KS

Job Ticket: 31972

DST#: 2

ATTN: Jim Musgrove

Test Start: 2008.06.19 @ 23:59:41

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: 25000 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbl

Water Loss: 10.30 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
175.00	MV 60%W 40%M	2.455
55.00	100%M	0.772

Total Length: 230.00 ft

Total Volume: 3.227 bbl

Num Fluid Samples: 0

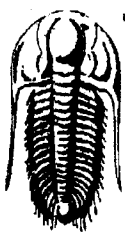
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

GAS RATES

Rupe Oil Co

Brown # 1 Twin

PO Box 783010
Wichita KS 67278

20 26 18W Edwards KS

Job Ticket: 31972

DST#: 2

ATTN: Jim Musgrove

Test Start: 2008.06.19 @ 23:59:41

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)
2	10	0.13	0.50	5.58
2	10	0.13	0.50	5.58
2	18	0.13	0.50	5.58

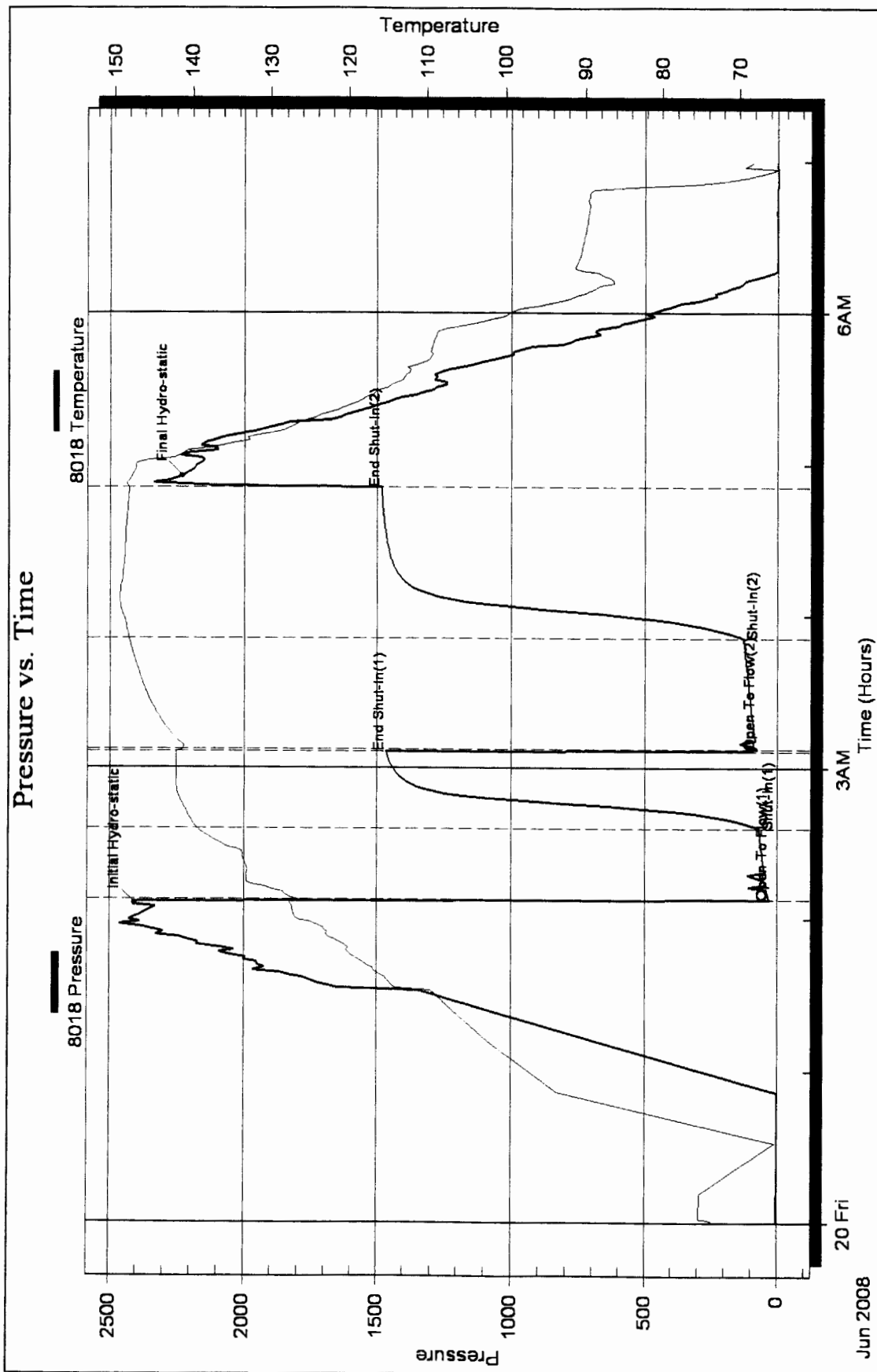
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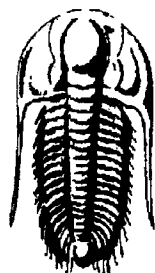
Inside

Rupe Oil Co

20 26 18W Edwards KS

DST Test Number: 2





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Rupe Oil Co**

PO Box 783010
Wichita KS 67278

ATTN: Jim Musgrove

20 26 18W Edwards KS

Brown # 1 Twin

Start Date: 2008.06.20 @ 16:54:26

End Date: 2008.06.20 @ 23:32:20

Job Ticket #: 31973 DST #: 3

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Rupe Oil Co

Brown # 1 Twin

20 26 18W Edwards KS

DST # 3

Miss (3)

2008.06.20



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Rupe Oil Co

PO Box 783010
Wichita KS 67278

ATTN: Jim Musgrove

Brown # 1 Twin

20 26 18W Edwards KS

Job Ticket: 31973

DST#: 3

Test Start: 2008.06.20 @ 16:54:26

GENERAL INFORMATION:

Formation: **Miss (3)**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:07:21

Time Test Ended: 23:32:20

Test Type: Conventional Bottom Hole

Tester: Brian Fairbank

Unit No: 41

Interval: **4678.00 ft (KB) To 4707.00 ft (KB) (TVD)**

Total Depth: 4707.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition:

Reference Elevations: 2204.00 ft (KB)

2193.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 8018

Inside

Press@RunDepth: 108.20 psig @ 4679.00 ft (KB)

Start Date: 2008.06.20

End Date:

2008.06.20

Start Time: 16:54:26

End Time:

23:32:20

Capacity: 7000.00 psig

Last Calib.: 2008.06.20

Time On Btm: 2008.06.20 @ 19:06:21

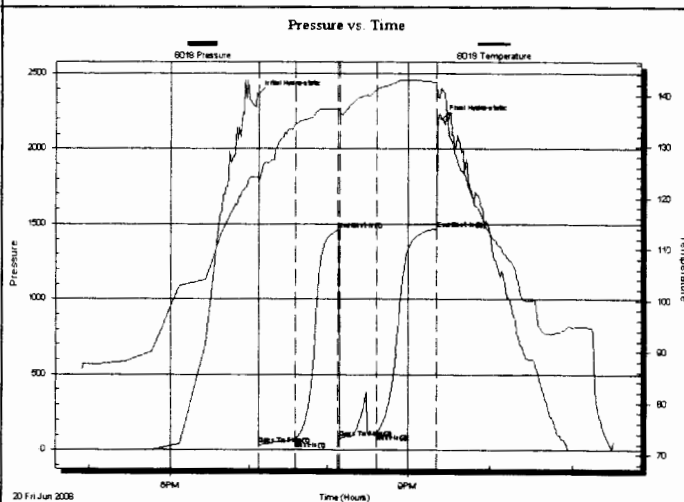
Time Off Btm: 2008.06.20 @ 21:24:50

TEST COMMENT: IFP Weak to fair blow 1 1/2" - 5 1/2"

ISI No blow back

FFP BOB 4 min. died off to 9 1/2"

FSI No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2357.69	124.14	Initial Hydro-static
1	33.50	123.69	Open To Flow(1)
29	61.34	134.41	Shut-In(1)
61	1459.97	137.26	End Shut-In(1)
63	74.98	136.73	Open To Flow(2)
91	108.20	141.05	Shut-In(2)
135	1469.54	142.57	End Shut-In(2)
139	2198.22	141.39	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
125.00	MMV 60%W 40%M	1.75
65.00	VM 5%W 95%M	0.91

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Rupe Oil Co

Brown # 1 Twin

PO Box 783010
Wichita KS 67278

20 26 18W Edwards KS

Job Ticket: 31973

DST#: 3

ATTN: Jim Musgrove

Test Start: 2008.06.20 @ 16:54:26

Tool Information

Drill Pipe:	Length: 4679.00 ft	Diameter: 3.80 inches	Volume: 65.63 bbl	Tool Weight:	2500.00 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:	95000.00 lb
			<u>Total Volume: 65.63 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	29.00 ft			String Weight: Initial	62000.00 lb
Depth to Top Packer:	4678.00 ft			Final	62000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	29.00 ft				
Tool Length:	57.00 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			4655.00	
Hydraulic tool	5.00			4660.00	
Jars	5.00			4665.00	
Safety Joint	3.00			4668.00	
Packer	5.00			4673.00	28.00 Bottom Of Top Packer
Packer	5.00			4678.00	
Stubb	1.00			4679.00	
Recorder	0.00	8018	Inside	4679.00	
Recorder	0.00	6755	Inside	4679.00	
Perforations	25.00			4704.00	
Bullnose	3.00			4707.00	29.00 Bottom Packers & Anchor

Total Tool Length: 57.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Rupe Oil Co

Brown # 1 Twin

PO Box 783010
Wichita KS 67278

20 26 18W Edwards KS

Job Ticket: 31973

DST#: 3

ATTN: Jim Musgrove

Test Start: 2008.06.20 @ 16:54:26

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: 46.00 sec/qt

Cushion Volume:

bbl

Water Loss: 24.69 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 20000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
125.00	MW 60%W 40%M	1.753
65.00	WM 5%W 95%M	0.912

Total Length: 190.00 ft

Total Volume: 2.665 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

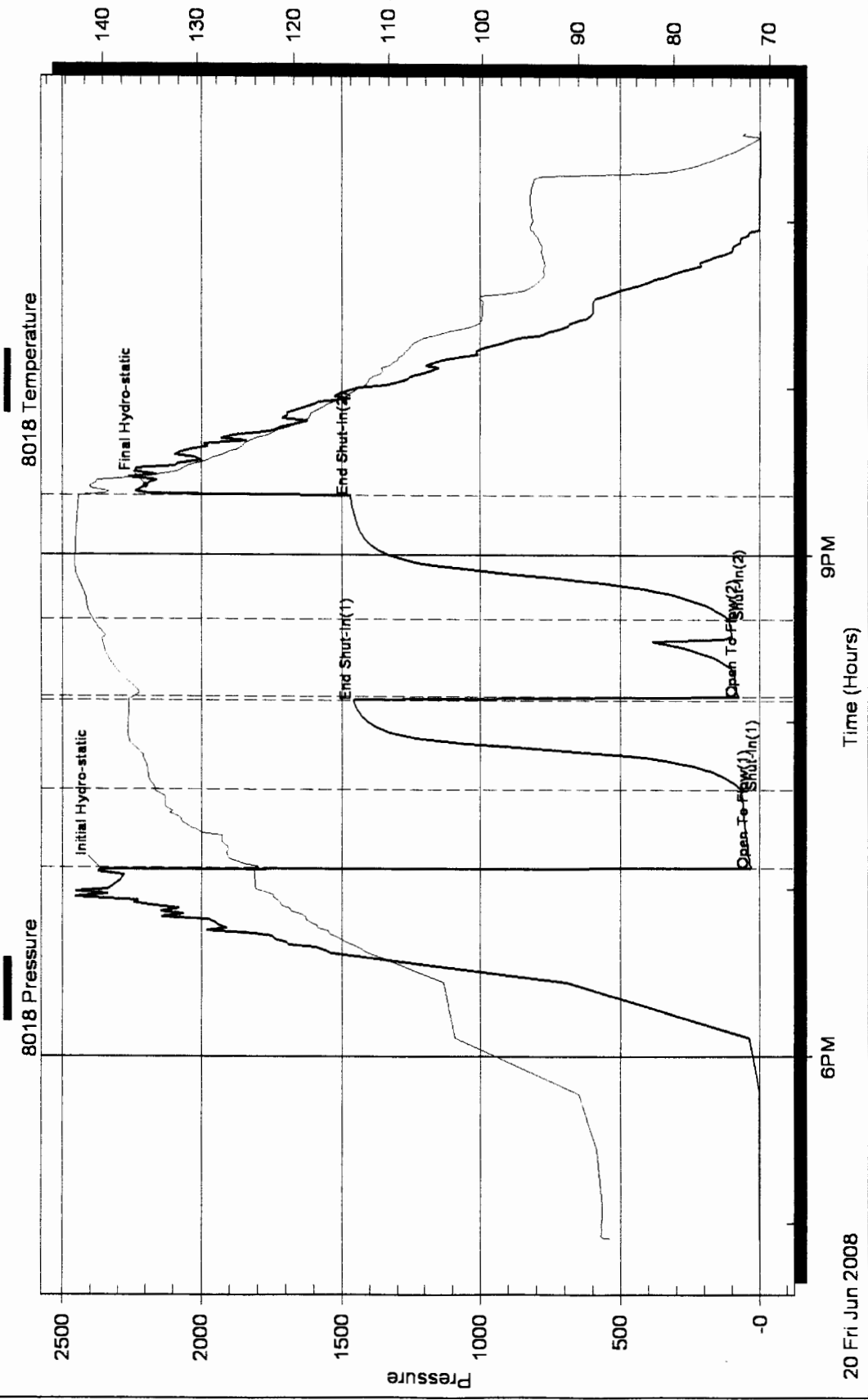
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

31971

RECEIVED
JUN 23 2008

Test Ticket

BY: _____

Well Name & No. Brown / Twin Test No. 1 Date 6-19-08
 Company Rupe Zone Tested Miss
 Address PO Box 783010 Wichita, KS 67278 Elevation 2204 KB 2193 GL
 Co. Rep / Geo. Jim Masgrave Rig Va1 1
 Location: Sec. 20 Twp. 26^s Rge. 18^w Co. Edwards State Ks
 Comment: _____ Release date / time: _____

Interval Tested 4678-4677 Initial Str Wt./Lbs. 62,000 Unseated Str Wt./Lbs. 62,000
 Anchor Length 19 Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 70,000
 Top Packer Depth 4673 Tool Weight 2500
 Bottom Packer Depth 4678 Hole Size 7 7/8" — Rubber Size 6 3/4" —
 Total Depth 4677 Wt. Pipe Run — Drill Collar Run —
 Mud Wt. 9.1 LCM — Vis. 52 WL 10.4 Drill Pipe Size 4 1/2 XH Ft. Run 4682

Blow Description IFP- BOB 30 sec
ISI- no blow back
FFP- BOB 4 min GTS 8 min
PSI- weak sur blow back

Recovery - Total Feet 230 GIP GTS 38 min Ft. in DC — Ft. in DP 230
 Rec. 45 Feet of mud %gas — %oil — %water 100 %mud —
 Rec. 185 Feet of MW %gas — %oil 70 %water 30 %mud —
 Rec. — Feet of — %gas — %oil — %water — %mud —
 Rec. — Feet of — %gas — %oil — %water — %mud —
 Rec. — Feet of — %gas — %oil — %water — %mud —
 BHT 151 °F Gravity — °API D @ — °F Corrected Gravity — °API
 RW .292 @ 66 °F Chlorides 25,000 ppm Recovery — Chlorides 2000 ppm System

(A) Initial Hydrostatic Mud	AK-1	Alpine	2387	PSI	Recorder No.	8018	(Test)
(B) First Initial Flow Pressure			23	PSI	(depth)	4679	(Jars)
(C) First Final Flow Pressure			58	PSI	Recorder No.	6755	(Safety Jt.)
(D) Initial Shut-In Pressure			1490	PSI	(depth)	4679	Circ Sub
(E) Second Initial Flow Pressure			64	PSI	Recorder No.		Sampler
(F) Second Final Flow Pressure			123	PSI	(depth)		Straddle
(G) Final Shut-In Pressure			1490	PSI	Initial Opening	30	Ext. Packer
(Q) Final Hydrostatic Mud			2235	PSI	Initial Shut-In	30	Shale Packer
					Final Flow	45	Ruined Packer
					Final Shut-In	60	Mileage 185 RT

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 Brian Fairbank (thb)

T-On Location 1024
 T-Started 1052
 T-Open 1235
 T-Pulled 1520
 T-Out 1720
 Sub Total: _____
 Std. By _____
 Acc. Chg: _____
 Other: _____
 Total: _____



GAS VOLUME REPORT

OPERATOR

WELL NAME AND NO.

DST NO.

2nd Flow

Remarks:



TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

RECEIVED
JUN 23 2008

31972

BY: _____

Test Ticket

Well Name & No. Brown 1 Twin Test No. 2 Date 6-19-08
 Company Rupe Zone Tested Miss (2)
 Address _____ Elevation 2204 KB 2193 GL
 Co. Rep / Geo. Jim Masgrove Rig V21 1
 Location: Sec. 20 Twp. 26^s Rge. 18^w Co. Edwards State K
 Comment: _____ Release date / time: _____

Interval Tested 4678-4701 Initial Str Wt./Lbs. 62,000 Unseated Str Wt./Lbs. 63,000
 Anchor Length 23 Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 75,000
 Top Packer Depth 4673 Tool Weight 2500
 Bottom Packer Depth 4678 Hole Size 7 7/8" — Rubber Size 6 3/4" —
 Total Depth 4701 Wt. Pipe Run — Drill Collar Run —
 Mud Wt. 9.1 LCM — Vis. 52 WL 10.4 Drill Pipe Size 4 1/2 XH Ft. Run 4677

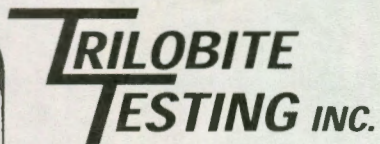
Blow Description IFP-BOB 7 min
IST-1" blow back - died
FFP-BOB 2 min GTS 27 min
FSD-2" blow back - died 22 min

Recovery - Total Feet 230 GIP GTS 57 min Ft. in DC — Ft. in DP 230
 Rec. 55 Feet of mud %gas %oil %water 100%mud
 Rec. 175 Feet of MU %gas %oil 60 %water 40%mud
 Rec. _____ Feet of _____ %gas %oil %water %mud
 Rec. _____ Feet of _____ %gas %oil %water %mud
 Rec. _____ Feet of _____ %gas %oil %water %mud
 BHT 148 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW .292 @ 66 °F Chlorides 25,000 ppm Recovery _____ Chlorides 7000 ppm System

	AK-1	Alpine			
(A) Initial Hydrostatic Mud	<u>2407</u> PSI	Recorder No. <u>8018</u>	<u>Test</u>		
(B) First Initial Flow Pressure	<u>29</u> PSI	(depth) <u>4683</u>	<u>Jars</u>		
(C) First Final Flow Pressure	<u>66</u> PSI	Recorder No. <u>6755</u>	<u>Safety Jt.</u>		
(D) Initial Shut-In Pressure	<u>1467</u> PSI	(depth) <u>4683</u>	Circ Sub		
(E) Second Initial Flow Pressure	<u>74</u> PSI	Recorder No.	Sampler		
(F) Second Final Flow Pressure	<u>124</u> PSI	(depth)	Straddle		
(G) Final Shut-In Pressure	<u>1482</u> PSI	Initial Opening <u>30</u>	Ext. Packer		
(Q) Final Hydrostatic Mud	<u>2229</u> PSI	Initial Shut-In <u>30</u>	Shale Packer		
		Final Flow <u>45</u>	Ruined Packer		
		Final Shut-In <u>60</u>	<u>Mileage</u>		
		T-On Location <u>2301</u>	Sub Total:		
		T-Started <u>2359</u>	Std. By		
		T-Open <u>0206</u>	Acc. Chg:		
		T-Pulled <u>0451</u>	Other:		
		T-Out <u>0700</u>	Total:		

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 Brian Fairbank (Hub)



GAS VOLUME REPORT

Keye

Brown / Twin

2

OPERATOR

WELL NAME AND NO.

DST NO.

2nd Flow

Remarks:



TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

31973

RECEIVED
JUN 23 2008

BY: _____

Test Ticket

Well Name & No. Brown 1 Twin Test No. 3 Date 6-20-08
 Company Rupe Zone Tested Miss (3)
 Address _____ Elevation 2204 KB 2193 GL
 Co. Rep / Geo. Jim Musgrave Rig Vel 1
 Location: Sec. 20 Twp. 26 Rge. 18 Co. Edwards State K
 Comment: had to mix & run tank of mud before TOWB Release date / time: _____

Interval Tested 4678-4707 Initial Str Wt./Lbs. 62,000 Unseated Str Wt./Lbs. 62,000
 Anchor Length 29 Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 95,000
 Top Packer Depth 4673 Tool Weight 2500
 Bottom Packer Depth 4678 Hole Size 7 7/8" — Rubber Size 6 3/4" —
 Total Depth 4707 Wt. Pipe Run — Drill Collar Run —
 Mud Wt. 9.2 LCM — Vis. 46 WL 24.8 Drill Pipe Size 4 1/2 XH Ft. Run 4679
 Blow Description IFP - weak to fair blow 1 1/2 - 5 1/2
ISI - no blow back
FFP - Bob 4 min - died off to 9 1/2"
FST - no blow back

Recovery - Total Feet 190 GIP — Ft. in DC — Ft. in DP 190
 Rec. 65 Feet of WM %gas — %oil — %water 5 %mud 95
 Rec. 125 Feet of MW %gas — %oil 60 %water 40 %mud —
 Rec. — Feet of — %gas — %oil — %water — %mud —
 Rec. — Feet of — %gas — %oil — %water — %mud —
 Rec. — Feet of — %gas — %oil — %water — %mud —
 BHT 143 °F Gravity — °API D @ — °F Corrected Gravity — °API
 RW 1.292 @ 66 °F Chlorides 25,000 ppm Recovery — Chlorides 20,000 ppm System

(A) Initial Hydrostatic Mud	AK-1	Alpine	2358 PSI	Recorder No.	8018	<u>Test</u>
(B) First Initial Flow Pressure			34 PSI	(depth)	4679	<u>Jars</u>
(C) First Final Flow Pressure			61 PSI	Recorder No.	6755	<u>Safety Jt.</u>
(D) Initial Shut-In Pressure			1460 PSI	(depth)	4679	Circ Sub
(E) Second Initial Flow Pressure			75 PSI	Recorder No.		Sampler
(F) Second Final Flow Pressure			108 PSI	(depth)		Straddle
(G) Final Shut-In Pressure			1470 PSI	Initial Opening	30	Ext. Packer
(Q) Final Hydrostatic Mud			2198 PSI	Initial Shut-In	30	Shale Packer
				Final Flow	30	<u>Ruined Packer</u>
				Final Shut-In	45	<u>Mileage</u>
				T-On Location	1222	Sub Total:
				T-Started	1654	<u>Std. By</u>
				T-Open	1908	Acc. Chg:
				T-Pulled	2123	Other:
				T-Out	2333	Total:

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Approved By _____
 Our Representative Brian Fairbank (Hub)