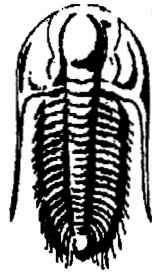


2-5s-30w



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Rons Oil Operations**

1889 200th Ave
Penokee KS 67659

ATTN: Richard Bell

2-5s-30w Decatur

Savage 2-1

Start Date: 2006.02.07 @ 03:51:09

End Date: 2006.02.07 @ 12:09:39

Job Ticket #: 23621 DST #: 1

15-039-20958-00-00

Rons Oil Operations

Savage 2-1

2-5s-30w Decatur

DST # 1

LKC-EFGH

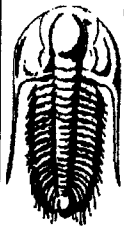
2006.02.07

**RECEIVED
JUN 29 2006
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

Rons Oil Operations

1889 200th Ave
Penokee KS 67659

ATTN: Richard Bell

Savage 2-1

2-5s-30w Decatur

Job Ticket: 23621

DST#: 1

Test Start: 2006.02.07 @ 03:51:09

GENERAL INFORMATION:

Formation: **LKC- EFGH**
 Deviated: **No Whipstock:** ft (KB)
 Time Tool Opened: 06:29:39
 Time Test Ended: 12:09:39

Test Type: **Conventional Bottom Hole**
 Tester: **Michael Armbrister**
 Unit No: **1**

Interval: **4000.00 ft (KB) To 4078.00 ft (KB) (TVD)**
 Total Depth: **4078.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **2873.00 ft (KB)**
2866.00 ft (CF)
 KB to GR/CF: **7.00 ft**

Serial #: 8018

Inside

Press@RunDepth: **302.74 psig @ 4003.00 ft (KB)**

Capacity: **7000.00 psig**

Start Date: **2006.02.07**

End Date:

2006.02.07

Last Calib.: **2006.02.07**

Start Time: **03:51:14**

End Time:

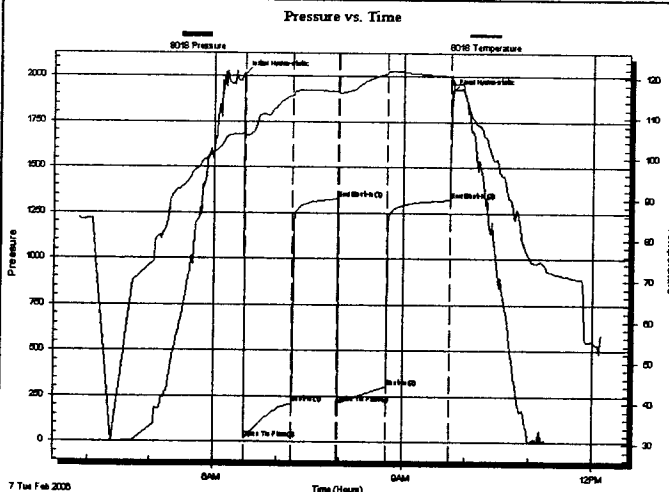
12:09:38

Time On Btrr: **2006.02.07 @ 06:28:39**

Time Off Btrr: **2006.02.07 @ 09:45:39**

TEST COMMENT:

F- B of B 28m
IS- No blow
FF- Broke Head -Fixed
FSI- No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2010.15	106.26	Initial Hydro-static
1	18.05	105.82	Open To Flow (1)
46	209.86	115.63	Shut-In(1)
89	1327.27	116.66	End Shut-In(1)
90	212.51	116.28	Open To Flow (2)
135	302.74	121.01	Shut-In(2)
197	1322.30	120.41	End Shut-In(2)
197	1914.85	120.55	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
500.00	Salt w ater 55000 Chlorides	3.73
100.00	M cut Salt w ater 40% m 60% w	1.40

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mc/d)



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Rons Oil Operations

Savage 2-1

1889 200th Ave
Penokee KS 67659

2-5s-30w Decatur

Job Ticket: 23621

DST#: 1

ATTN: Richard Bell

Test Start: 2006.02.07 @ 03:51:09

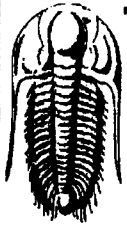
Tool Information

Drill Pipe:	Length: 3640.00 ft	Diameter: 3.80 inches	Volume: 51.06 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: 25000.00 lb
Drill Collar:	Length: 360.00 ft	Diameter: 2.25 inches	Volume: 1.77 bbl	Weight to Pull Loose: 62000.00 lb
			<u>Total Volume: 52.83 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4000.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	78.00 ft			
Tool Length:	98.00 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			3981.00	
Shut In Tool	5.00			3986.00	
Hydraulic tool	5.00			3991.00	
Packer	4.00			3995.00	20.00 Bottom Of Top Packer
Packer	5.00			4000.00	
Stubb	1.00			4001.00	
Perforations	1.00			4002.00	
Change Over Sub	1.00			4003.00	
Recorder	0.00	8018	Inside	4003.00	
Blank Spacing	63.00			4066.00	
Change Over Sub	1.00			4067.00	
Recorder	0.00	11084	Outside	4067.00	
Perforations	8.00			4075.00	
Bullnose	3.00			4078.00	78.00 Bottom Packers & Anchor

Total Tool Length: 98.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Rons Oil Operations

Savage 2-1

1889 200th Ave
Penokee KS 67659

2-5s-30w Decatur

ATTN: Richard Bell

Job Ticket: 23621

DST#: 1

Test Start: 2006.02.07 @ 03:51:09

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: 41.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.09 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

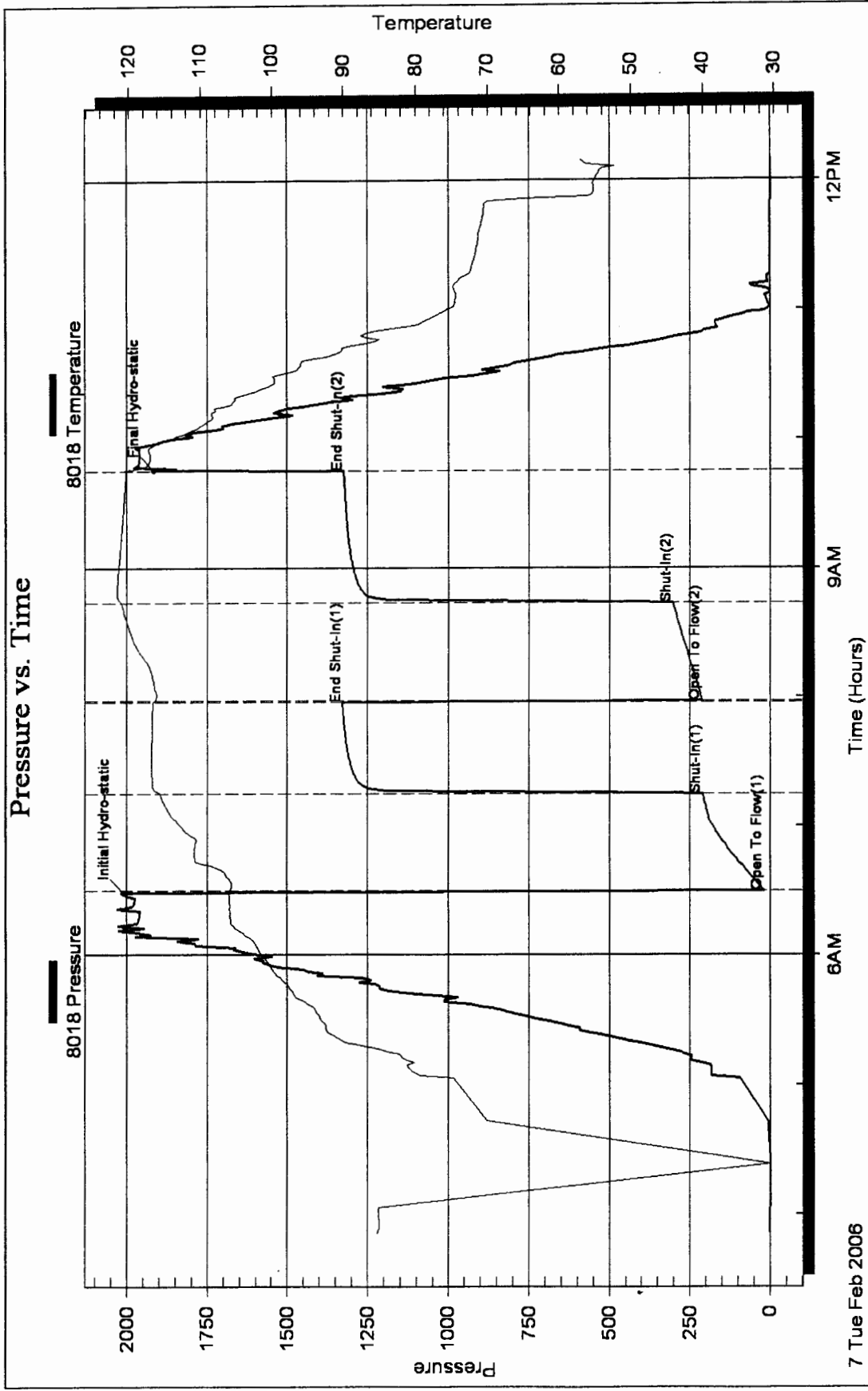
Length ft	Description	Volume bbl
500.00	Salt water 55000 Chlorides	3.734
100.00	M cut Salt w ater 40% m 60% w	1.403

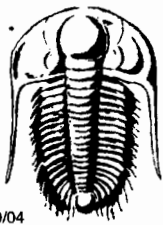
Total Length: 600.00 ft Total Volume: 5.137 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No. 23621

*Irv
8401*

Test Ticket

Well Name & No. Savage #2-1 Test No. 1 Date 2-06-06
 Company Rons Oil Operations Zone Tested LKC - E/EGH
 Address 1889 - 200th Av Renatee KS 67659 Elevation 2875 KB 2806 GL
 Co. Rep / Geo. Richard Bell Cont. Kaler #1 Est. Ft. of Pay _____ Por. _____ %
 Location: Sec. 2 Twp. 5s Rge. 30w Co. Decatur State KS
 No. of Copies _____ Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 4000 - 4078 Initial Str Wt./Lbs. 60,000 Unseated Str Wt./Lbs. 62,000
 Anchor Length 78 Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 62,000
 Top Packer Depth 3995 Tool Weight 2,000
 Bottom Packer Depth 4000 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 4078 Wt. Pipe Run _____ Drill Collar Run 360
 Mud Wt. 9.1 LCM T Vis. 41 WL 7.1 Drill Pipe Size 4 1/2 Ft. Run 3640

Blow Description IF - B of B 28m
ISF - No Blow
EF - Broke head fixed
FSF - No Blow

Recovery - Total Feet	GIP	Ft. in DC	Ft. in DP
Rec. <u>100</u>	Feet of <u>Meat Water</u>	%gas _____ %oil <u>60</u>	%water <u>40</u> %mud _____
Rec. <u>500</u>	Feet of <u>Salt Water</u>	%gas _____ %oil <u>100</u>	%water _____ %mud _____
Rec. _____	Feet of _____	%gas _____ %oil _____	%water _____ %mud _____
Rec. _____	Feet of _____	%gas _____ %oil _____	%water _____ %mud _____
Rec. _____	Feet of _____	%gas _____ %oil _____	%water _____ %mud _____

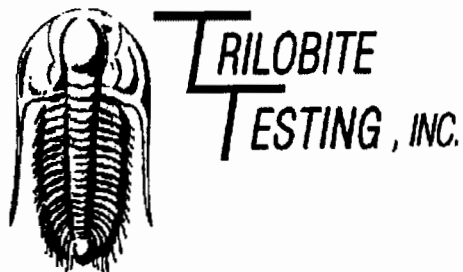
BHT 120 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW 23 @ 46 °F Chlorides 55000 ppm Recovery _____ Chlorides _____ ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>2010</u>	PSI	<u>8018</u>	<u>1100</u>
(B) First Initial Flow Pressure	<u>18</u>	PSI	(depth) <u>4005</u>	Jars _____
(C) First Final Flow Pressure	<u>210</u>	PSI	Recorder No. <u>13308 #</u>	Safety Jt. _____
(D) Initial Shut-In Pressure	<u>1327</u>	PSI	(depth) <u>4078</u>	Circ Sub _____
(E) Second Initial Flow Pressure	<u>213</u>	PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure	<u>303</u>	PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure	<u>1322</u>	PSI	Initial Opening <u>45</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>1915</u>	PSI	Initial Shut-In <u>45</u>	Shale Packer _____

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Approved By Richard Bell
 Our Representative Michael Ambrister

Final Flow	<u>45</u>	Ruined Packer _____
Final Shut-In	<u>60</u>	Mileage <u>240</u> <u>240</u>
T-On Location	<u>2:00</u>	Sub Total: <u>1340</u>
T-Started	<u>3:51</u>	Std. By <u>1hr</u> <u>50</u>
T-Open	<u>6:30</u>	Other _____
T-Pulled	<u>9:45</u>	Total: _____
T-Out	<u>12:05</u>	<u>1390</u>



DRILL STEM TEST REPORT

Prepared For: **Rons Oil Operations**

1889 200th Ave
Penokee KS 67659

ATTN: Richard Bell

2-5s-30w Decatur

Savage 2-1

Start Date: 2006.02.08 @ 01:47:15

End Date: 2006.02.08 @ 10:39:15

Job Ticket #: 23622 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Rons Oil Operations

Savage 2-1

2-5s-30w Decatur

DST # 2

LKC J-K

2006.02.08



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Rons Oil Operations

1889 200th Ave
Penokee KS 67659

ATTN: Richard Bell

Savage 2-1

2-5s-30w Decatur

Job Ticket: 23622

DST#: 2

Test Start: 2006.02.08 @ 01:47:15

GENERAL INFORMATION:

Formation: **LKC J-K**

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

Time Tool Opened: **04:40:45**

Time Test Ended: **10:39:15**

Test Type: **Conventional Bottom Hole**

Tester: **Michael Armbrister**

Unit No: **1**

Interval: **4076.00 ft (KB) To 4140.00 ft (KB) (TVD)**

Reference Elevations: **2873.00 ft (KB)**

Total Depth: **4140.00 ft (KB) (TVD)**

2866.00 ft (CF)

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

KB to GR/CF: **7.00 ft**

Serial #: 8018 **Inside**

Press@RunDepth: **185.00 psig @ 4079.00 ft (KB)**

Capacity: **7000.00 psig**

Start Date: **2006.02.08**

End Date:

2006.02.08

Last Calib.:

2006.02.08

Start Time: **01:47:20**

End Time:

10:39:15

Time On Btrm:

2006.02.08 @ 04:40:15

Time Off Btrm:

2006.02.08 @ 08:14:45

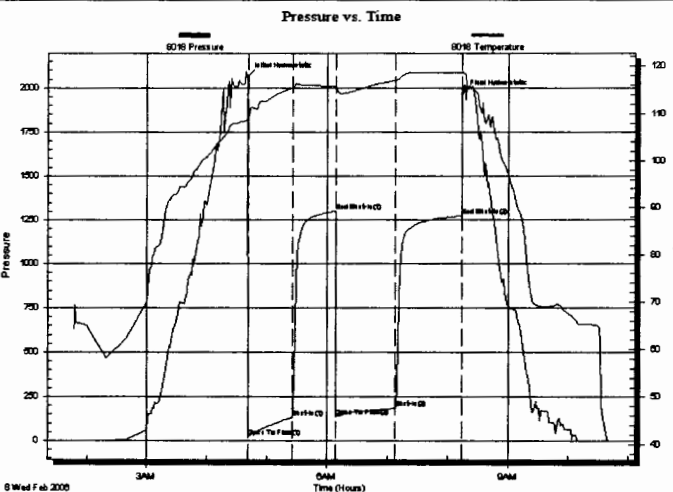
TEST COMMENT:

F- B of B 35m

IS- Weak surface blow back

FF- B of B 26m

FSl- Weak surface blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2066.01	109.01	Initial Hydro-static
1	21.51	108.48	Open To Flow (1)
45	133.21	115.38	Shut-In(1)
88	1299.40	115.86	End Shut-In(1)
89	138.59	115.42	Open To Flow (2)
148	185.00	117.05	Shut-In(2)
214	1272.26	118.61	End Shut-In(2)
215	1964.46	118.78	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	Oil cut mud 36%o 64%m	0.59
115.00	Mud cut oil 40%m 60%o	0.57
200.00	Slightly Mud cut Oil 9%M 91%O	1.67
0.00	180 GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Rons Oil Operations

Savage 2-1

1889 200th Ave
Penokee KS 67659

2-5s-30w Decatur

ATTN: Richard Bell

Job Ticket: 23622

DST#: 2

Test Start: 2006.02.08 @ 01:47:15

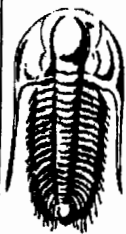
Tool Information

Drill Pipe:	Length: 3703.00 ft	Diameter: 3.80 inches	Volume: 51.94 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: 25000.00 lb
Drill Collar:	Length: 360.00 ft	Diameter: 2.25 inches	Volume: 1.77 bbl	Weight to Pull Loose: 61000.00 lb
			<u>Total Volume: 53.71 bbl</u>	Tool Chased 5.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4076.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	64.00 ft			
Tool Length:	84.00 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			4057.00	
Shut In Tool	5.00			4062.00	
Hydraulic tool	5.00			4067.00	
Packer	4.00			4071.00	20.00 Bottom Of Top Packer
Packer	5.00			4076.00	
Stubb	1.00			4077.00	
Perforations	1.00			4078.00	
Change Over Sub	1.00			4079.00	
Recorder	0.00	8018	Inside	4079.00	
Blank Spacing	31.00			4110.00	
Change Over Sub	1.00			4111.00	
Recorder	0.00	11084	Outside	4111.00	
Perforations	26.00			4137.00	
Bullnose	3.00			4140.00	64.00 Bottom Packers & Anchor

Total Tool Length: 84.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Rons Oil Operations

Savage 2-1

1889 200th Ave
Penokee KS 67659

2-5s-30w Decatur

Job Ticket: 23622

DST#: 2

ATTN: Richard Bell

Test Start: 2006.02.08 @ 01:47:15

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:

ppm

Viscosity: 41.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.08 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
120.00	Oil cut mud 36%o 64%m	0.590
115.00	Mud cut oil 40%m 60%o	0.566
200.00	Slightly Mud cut Oil 9%M 91%O	1.667
0.00	180 GP	0.000

Total Length: 435.00 ft

Total Volume: 2.823 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

DST Test Number: 2

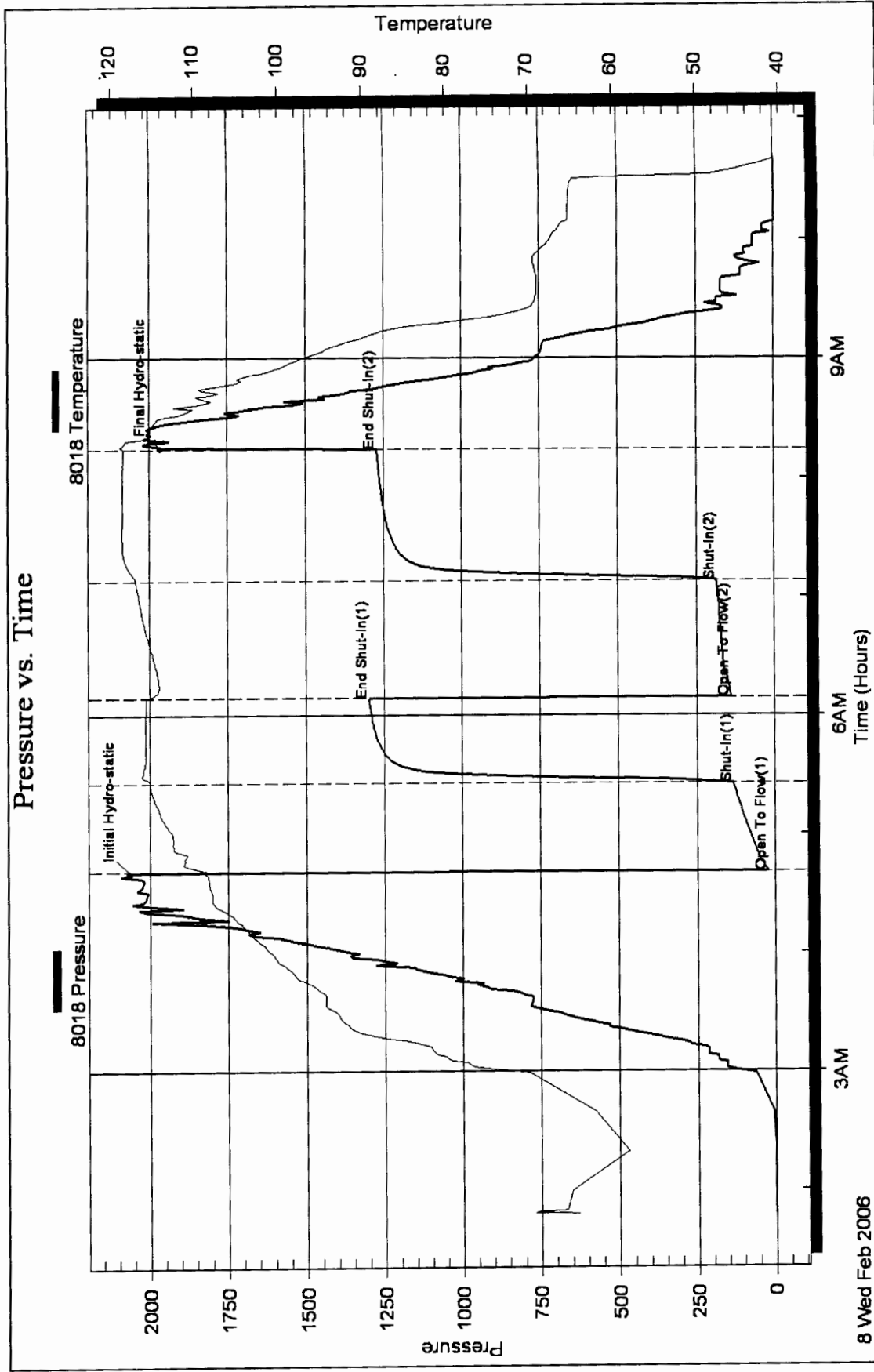
2-5s-30w Decatur

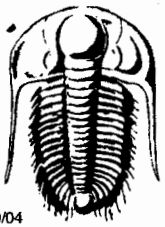
Rons Oil Operations

Inside

Serial #: 8018

Pressure vs. Time





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 23622

Test Ticket

Well Name & No. Savage 2-1 Test No. 2 Date 2-07-06
 Company Ron Oil Operations Zone Tested LKC - J-K
 Address 1889 - 200th Av Pendee KS 67659 Elevation 2873 KB 2866 GL
 Co. Rep / Geo. Richard Bell Cont. Kaler # 1 Est. Ft. of Pay _____ Por. _____ %
 Location: Sec. 2 Twp. 5s Rge. 30w Co. Decatur State KS
 No. of Copies _____ Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 4076 - 4140 Initial Str Wt./Lbs. 60,000 Unseated Str Wt./Lbs. 61,000
 Anchor Length 64 Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 61,000
 Top Packer Depth 4071 - Tool Weight 2,000
 Bottom Packer Depth 4076 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 4140 Wt. Pipe Run _____ Drill Collar Run 360
 Mud Wt. 9.1 LCM Tr Vis. 41 WL 7.1 Drill Pipe Size 4 1/2 Ft. Run 3703

Blow Description IF - BoFA 35m
ISI - Weak surface blow
EF - BoFA 26m
FSI - Weak surface blow

Recovery - Total Feet 435 GIP 180 Ft. in DC _____ Ft. in DP _____
 Rec. 120 Feet of Oil cut M %gas 36.44 %oil _____ %water 36.4 %mud _____
 Rec. 115 Feet of Mud cut Oil %gas 60 %oil _____ %water 40 %mud _____
 Rec. 200 Feet of Slightly Mud Oil %gas 91 %oil _____ %water 9 %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 BHT 118 °F Gravity _____ °API D @ 60 °F Corrected Gravity 30 °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides _____ ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud		<u>2064</u> PSI	<u>8018</u>	<u>1100</u>
(B) First Initial Flow Pressure		<u>22</u> PSI	(depth) <u>4078</u>	Jars _____
(C) First Final Flow Pressure		<u>133</u> PSI	Recorder No. <u>13308</u>	Safety Jt. _____
(D) Initial Shut-In Pressure		<u>1299</u> PSI	(depth) <u>4130</u>	Circ Sub _____
(E) Second Initial Flow Pressure		<u>139</u> PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure		<u>185</u> PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure		<u>1272</u> PSI	Initial Opening <u>45</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud		<u>1984</u> PSI	Initial Shut-In <u>45</u>	Shale Packer _____
			Final Flow <u>60</u>	Ruined Packer <u>200</u> ✓ Ruined
			Final Shut-In <u>60</u>	Mileage <u>40</u> <u>40</u>

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Approved By Richard Bell
 Our Representative Michael Ambrister

T-On Location 20:15 Sub Total: 1340
 T-Started 1:47 Std. By 1/4 62.50
 T-Open 4:40 Other _____
 T-Pulled 8:10 Total: 1402.50
 T-Out 10:30