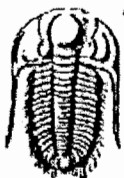


6-11-20W



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Mai Oil Operations**

P O Box 33
Russell, Ks 67665

ATTN: Allen Bangert

ORIGINAL

Sec6-11-20-Ellis-Ks

Richards #10

KANSAS

JUL 19 2001

CONSERVATION DIVISION

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Mai Oil Operations

Richards #10

Sec6-11-20-Ellis-Ks

"F"

LK

2001.04.04

TRILOBITE TESTING L.L.C.

OPERATOR : Mai Oil Operations DATE 4-3-01
 WELL NAME: Richards #10 KB 2045.00 ft TICKET NO: 14688 DST #1
 LOCATION : 6-11-20 Ellis co KS GR 2040.00 ft FORMATION: C LKC
 INTERVAL : 3342.00 To 3370.00 ft TD 3370.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins		Field	1	2	3	4	TIME DATA-----
PF 30	Rec.	13254	13254				PF Fr. 2112 to 2142 hr
SI 45	Range(Psi)	4550.0	4550.0	0.0	0.0	0.0	IS Fr. 2142 to 2227 hr
SF 45	Clock(hrs)	12	12				SF Fr. 2227 to 2312 hr
FS 90	Depth(ft)	3365.0	3365.0	0.0	0.0	0.0	FS Fr. 2312 to 0042 hr

	Field	1	2	3	4	
A. Init Hydro	1658.0	1655.0	0.0	0.0	0.0	T STARTED 1936 hr
B. First Flow	23.0	14.0	0.0	0.0	0.0	T ON BOTM 2110 hr
B1. Final Flow	71.0	66.0	0.0	0.0	0.0	T OPEN 2112 hr
C. In Shut-in	1004.0	994.0	0.0	0.0	0.0	T PULLED 0042 hr
D. Init Flow	130.0	119.0	0.0	0.0	0.0	T OUT 0330 hr
E. Final Flow	177.0	172.0	0.0	0.0	0.0	
F. Shut-in	1004.0	987.0	0.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	1588.0	1579.0	0.0	0.0	0.0	Tool Wt. 1000.00 lbs
Inside/Outside	I	I				Wt Set On Packer 2000056.00 lbs
						Wt Pulled Loose 0.00 lbs
						Initial Str Wt 52000.00 lbs
						Unseated Str Wt 55000.00 lbs
						Bot Choke 0.75 in
						Hole Size 7.78 in
						D Col. ID 2.25 in
						D. Pipe ID 3.80 in
						D.C. Length 0.00 ft
						D.P. Length 3350.00 ft

RECOVERY

Tot Fluid 375.00 ft of 0.00 ft in DC and 375.00 ft in DP
 375.00 ft of Gassy salt water
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of

SALINITY 33000.00 P.P.M. A.P.I. Gravity 0.00

DESCRIPTION

Initial Flow:
 Strong bottom of bucket in 21 minutes
 Initial Shut-In:
 No blow back.
 Final Flow:
 Weak building to 7" fair blow.
 Final Shut-In:
 No blow back.

MUD DATA-----

Mud Type	Chemical
Weight	9.10 lb/cf
Vis.	45.00 S/L
W.L.	8.40 in ³
F.C.	0.00 in
Mud Drop	
Amt. of fill	0.00 ft
Btm. H. Temp.	0.00 F
Hole Condition	
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out	
Tool Chased	
Tester	Dan Bangle
Co. Rep.	Todd Morgenstern
Contr.	VonFeldt
Rig #	
Unit #	
Pump T.	

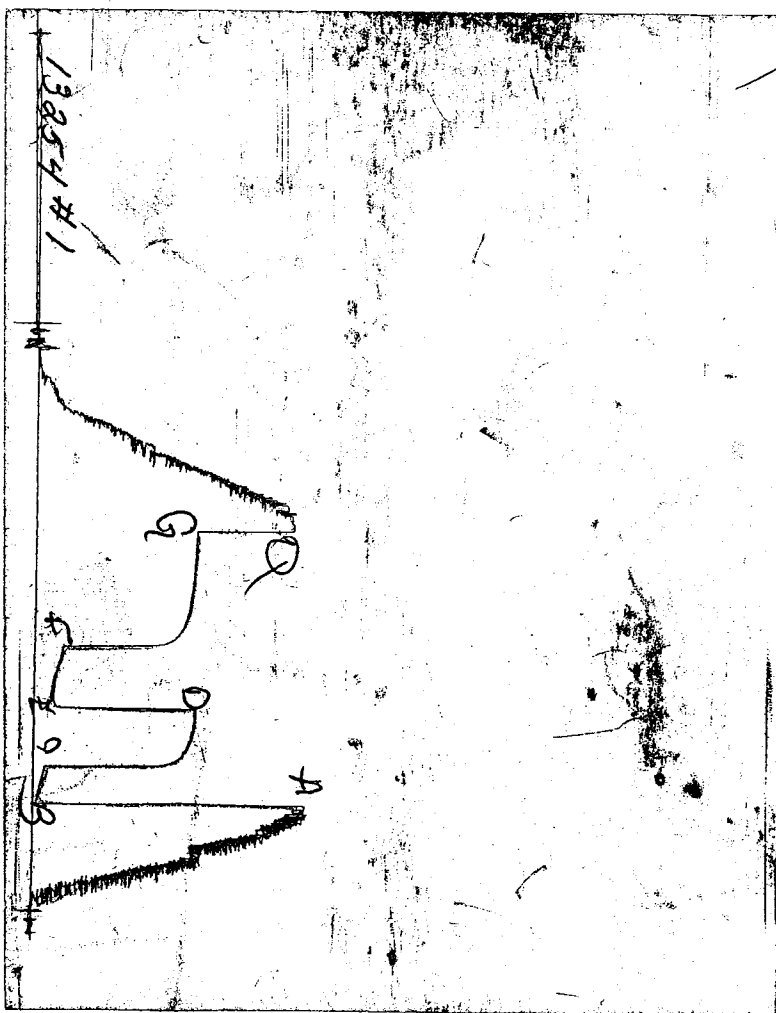
SAMPLES:
 SENT TO:

Test Successful: Y

ORIGINAL

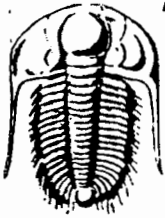
CHART PAGE

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



JUL 19 2001

CONSERVATION DIVISION



TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 14688

Test Ticket

Well Name & No. Richards #10 Test No. 1 Date 4-3-01
 Company Mai Oil Operations Zone Tested "C" LLC
 Address P.O. Box 33, Russell, Ks. 67665 Elevation 2045 KB 2040 GL
 Co. Rep / Geo. Todd Morgenstern cont. Vonfeldt Est. Ft. of Pay Por. %
 Location: Sec. 6 Twp. 11 Rge. 20 Co. Ellis State Ks
 'o. of Copies Distribution Sheet (Y, N) Turnkey (Y, N) Evaluation (Y, N)

Interval Tested 3342 - 3370 Initial Str Wt./Lbs. 52,000 Unseated Str Wt./Lbs. 55,000
 Anchor Length 28 Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 56,000
 Top Packer Depth 3337 Tool Weight 1000
 Bottom Packer Depth 3342 Hole Size — 7 7/8" Rubber Size — 6 3/4"
 Total Depth 3370 Wt. Pipe Run Drill Collar Run
 Mud Wt. 9.1 LCM Vis. 45 WL 8.4 Drill Pipe Size 4.5XH Ft. Run 3350
 Blow Description I.E. Strong B.O.B in 21 min.
BSI - No blow back
E.F. - Weak - building to 7" fair blow
FSI - No blow back

Recovery — Total Feet 375 GIP Ft. in DC Ft. in DP 375
 Rec. 375 Feet Of 6.5y S.W. %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
 Density °F Gravity °API D@ °F Corrected Gravity °API
 RW 125 @ 60 °F Chlorides 33,000 ppm Recovery Chlorides 3,000 ppm System

	AK-1	Alpine	PSI Recorder No.	T-On Location
(A) Initial Hydrostatic Mud	<u>1658</u>		<u>3030</u>	<u>19:00</u>
(B) First Initial Flow Pressure	<u>23</u>		(depth) <u>3343</u>	T-Started <u>19:36</u>
(C) First Final Flow Pressure	<u>71</u>		PSI Recorder No. <u>13254</u>	T-Open <u>21:12</u>
(D) Initial Shut-In Pressure	<u>1004</u>		(depth) <u>3365</u>	T-Pulled <u>00:42</u>
(E) Second Initial Flow Pressure	<u>130</u>		PSI Recorder No. <u> </u>	T-Out <u>03:30</u>
(F) Second Final Flow Pressure	<u>177</u>		PSI (depth) <u> </u>	T-Off Location <u>04:00</u>
(G) Final Shut-in Pressure	<u>1004</u>		PSI Initial Opening <u>30</u>	Test <u>700</u>
(Q) Final Hydrostatic Mud	<u>1588</u>		PSI Initial Shut-in <u>45</u>	Jars <u> </u>
			Final Flow <u>45</u>	Safety Joint <u> </u>
			Final Shut-in <u>90</u>	Straddle <u> </u>
				Circ. Sub <u> </u>
				Sampler <u> </u>
				Extra Packer <u> </u>
				Elec. Rec. <u>X</u>
				Mileage <u>34</u>
				Other <u> </u>
				TOTAL PRICE <u>734</u>

TRILOBITE TESTING L.L.C. SHALL NOT BE LIABLE FOR DAMAGE 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 D. R. R. R.



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Mai Oil Operations**

P O Box 33
Russell, Ks 67665

ATTN: Allen Bangert

Sec6-11-20-Ellis-Ks

Richards #10

Start Date: 2001.04.04 @ 12:40:00

End Date: 2001.04.04 @ 17:41:00

Job Ticket #: 14689 DST #: 2

KANSAS CONSERVATION DEPARTMENT
JUL 19 2001
CONSERVATION DEPARTMENT

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

Mai Oil Operations

Richards #10

Sec6-11-20-Ellis-Ks

DST #: 2

"F"

LK

2001.04.04



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Mai Oil Operations

Richards #10

P O Box 33
Russell, Ks 67665

Sec6-11-20-Ellis-Ks

Job Ticket: 14689

DST#: 2

ATTN: Allen Bangert

Test Start: 2001.04.04 @ 12:40:00

GENERAL INFORMATION:

Formation: "F" LK

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:33:30

Time Test Ended: 17:41:00

Test Type: Conventional Bottom Hole

Tester: Dan Bangle

Unit No: 21

Interval: 3387.00 ft (KB) To 3408.00 ft (KB) (TVD)

Reference Elevations: 2045.00 ft (KB)

Total Depth: 3408.00 ft (KB)

2040.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 3030

Press@RunDepth: 398.34 psig @ ft (KB)

Capacity: 7000.00 psig

Start Date: 2001.04.04

End Date: 2001.04.04

Last Calib.: 1899.12.30

Start Time: 08:47:02

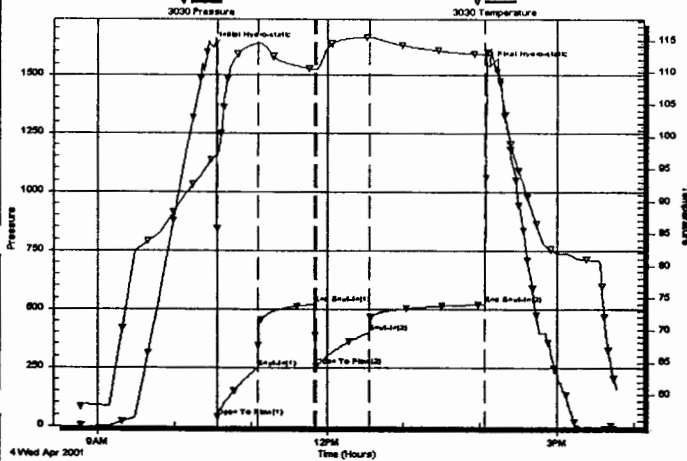
End Time: 15:46:30

Time On Btm: 2001.04.04 @ 10:30:00

Time Off Btm: 2001.04.04 @ 14:08:00

TEST COMMENT: IF-BOB in 4 min
FF-BOB in 9 min

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
103	1620.08	96.69	Initial Hydro-static
107	34.38	97.23	Open To Flow (1)
138	246.33	114.50	Shut-in(1)
183	520.87	110.46	End Shut-in(1)
184	252.08	110.43	Open To Flow (2)
227	398.34	115.43	Shut-in(2)
317	520.43	112.80	End Shut-in(2)
321	1539.09	112.71	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
248.00	O&MCwater 20%o 20%sm 60%w	3.48
248.00	OCWTR 20%o 80%w	3.48
372.00	Water Rw.05 @ 75 = 95000	5.22

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Mai Oil Operations

Richards #10

P O Box 33
Russell, Ks 67665

Sec6-11-20-Ellis-Ks

Job Ticket: 14689

DST#: 2

ATTN: Allen Bangert

Test Start: 2001.04.04 @ 12:40:00

Tool Information

Drill Pipe:	Length: 3386.00 ft	Diameter: 3.80 inches	Volume: 47.50 bbl	Tool Weight: 1000.00 lb
Drill Collar:	Length: 0.01 ft	Diameter: 0.01 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Heavy Wt. Pipe:	Length: 0.01 ft	Diameter: 0.01 inches	Volume: 0.00 bbl	Weight to Pull Loose: 60000.00 lb
Drill Pipe Above KB:	5.02 ft			Tool Chased 0.01 ft
Depth to Top Packer:	3397.00 ft			String Weight: Initial 52000.00 lb
Depth to Bottom Packer:	ft			Final 55000.00 lb
Interval betw een Packers:	ft			
Tool Length:	42.02 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments

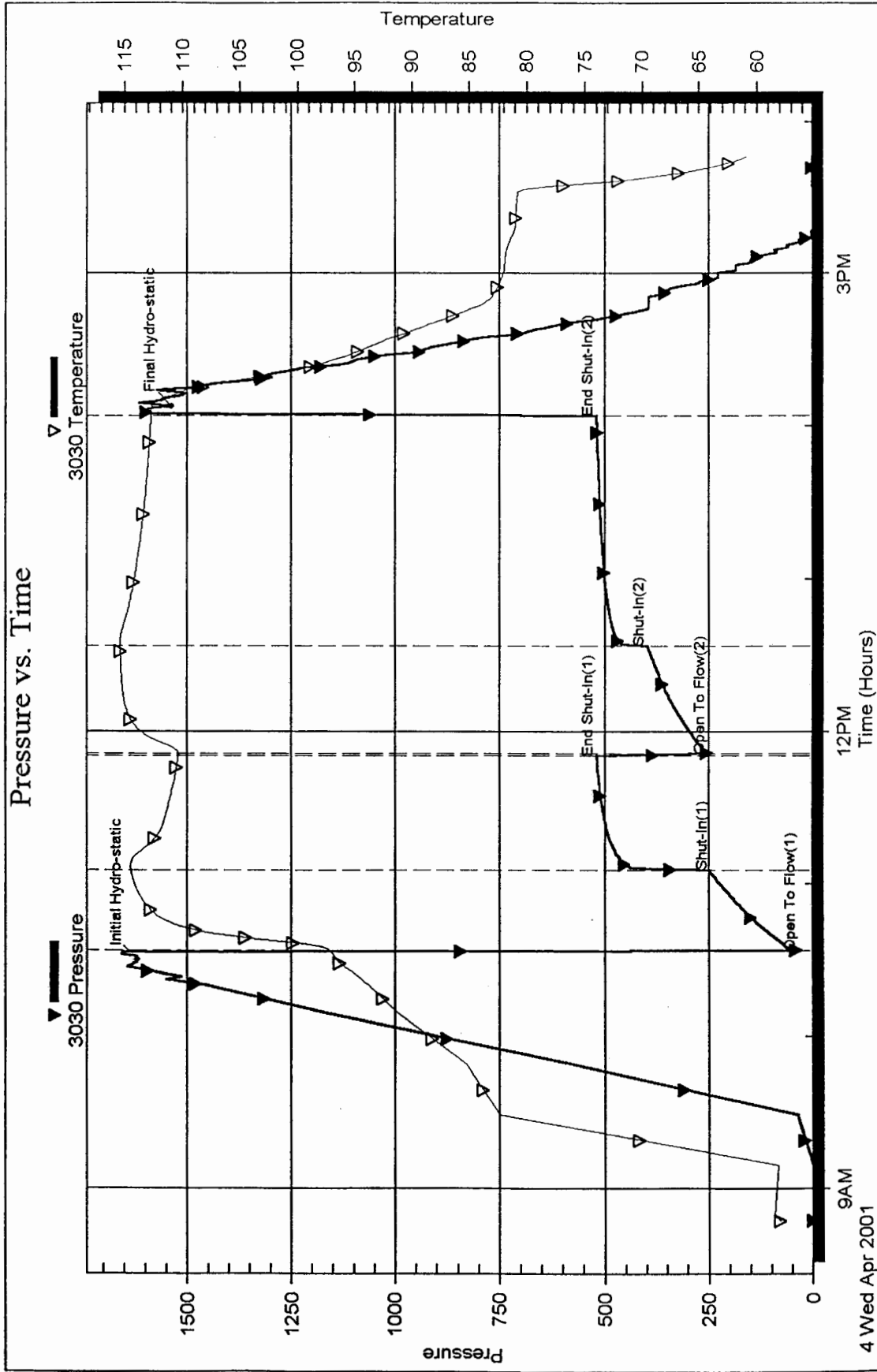
Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			3382.00	
S.I. Tool	5.00			3387.00	
HYD S.I. Tool	5.00			3392.00	
Packer	5.00			3397.00	16.00 Bottom Of Top Packer
Packer	5.00			3402.00	
Stubb	1.00			3403.00	
Recorder	0.01	3030	Inside	3403.01	
Perforations	15.00			3418.01	
Recorder	0.01	13254	Outside	3418.02	
Bullnose	5.00			3423.02	26.02 Bottom Packers & Anchor
Total Tool Length:	42.02				

KANSAS CONSERVATION
JUL 19 2001
CONSERVATION

Serial #: 3030

Mai Oil Operations

Sec6-11-20-Ellis-Ks





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Mai Oil Operations**

P O Box 33
Russell, Ks 67665

ATTN: Allen Bangert

Sec6-11-20-Ellis-Ks

Richards #10

Start Date: 2001.04.05 @ 09:08:00

End Date: 2001.04.05 @ 13:59:00

Job Ticket #: 14690 DST #: 3

KANSAS COMMISSION ON
JUL 19 2001
CONSERVATION

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

Mai Oil Operations

Richards #10

Sec6-11-20-Ellis-Ks

DST #: 3

H-I-J-K

2001.04.05



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Mai Oil Operations

Richards #10

P O Box 33
Russell, Ks 67665

Sec6-11-20-Ellis-Ks

Job Ticket: 14690

DST#: 3

ATTN: Allen Bangert

Test Start: 2001.04.05 @ 09:08:00

GENERAL INFORMATION:

Formation: H-I-J-K

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:55:00

Time Test Ended: 13:59:00

Test Type: Conventional Bottom Hole

Tester: Dan Bangle

Unit No: 21

Interval: 3444.00 ft (KB) To 3525.00 ft (KB) (TVD)

Total Depth: 3525.00 ft (KB)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2045.00 ft (KB)

2040.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 3030

Press@RunDepth: 32.92 psig @ ft (KB)

Start Date: 2001.03.19

End Date: 2001.03.19

Start Time: 08:47:02

End Time: 15:17:30

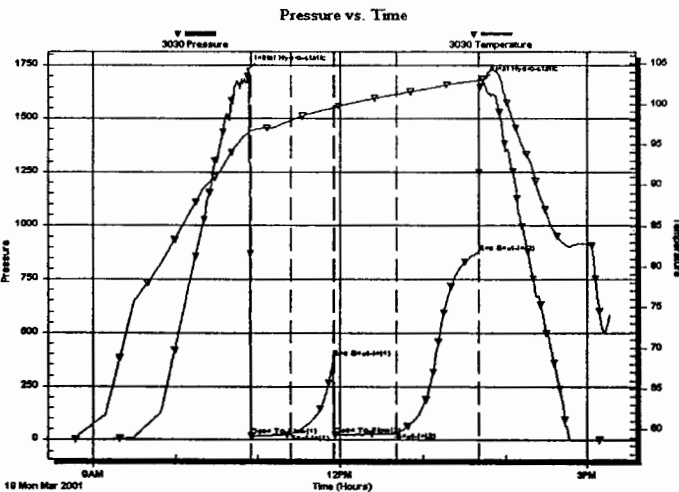
Capacity: 7000.00 psig

Last Calib.: 1899.12.30

Time On Btm: 2001.03.19 @ 10:53:00

Time Off Btm: 2001.03.19 @ 13:43:00

TEST COMMENT: 120 GIP IF-Weak building to 2"
FF-



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
126	1729.31	96.46	Initial Hydro-static
128	16.74	96.67	Open To Flow (1)
157	25.93	97.92	Shut-in(1)
188	378.91	99.55	End Shut-in(1)
189	20.69	99.58	Open To Flow (2)
234	32.92	101.23	Shut-in(2)
293	872.64	102.98	End Shut-in(2)
296	1678.26	103.17	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
40.00	OCM 40% to 60% m	0.56

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Mai Oil Operations

Richards #10

P O Box 33
Russell, Ks 67665

Sec6-11-20-Ellis-Ks

Job Ticket: 14690

DST#:3

ATTN: Allen Bangert

Test Start: 2001.04.05 @ 09:08:00

Tool Information

Drill Pipe:	Length: 3446.00 ft	Diameter: 3.80 inches	Volume: 48.34 bbl	Tool Weight: 1000.00 lb
Drill Collar:	Length: 0.01 ft	Diameter: 0.01 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Heavy Wt. Pipe:	Length: 0.01 ft	Diameter: 0.01 inches	Volume: 0.00 bbl	Weight to Pull Loose: lb
Drill Pipe Above KB:	23.02 ft			Tool Chased 0.01 ft
Depth to Top Packer:	3439.00 ft			String Weight: Initial 52000.00 lb
Depth to Bottom Packer:	ft			Final 52000.00 lb
Interval between Packers:	ft			
Tool Length:	102.02 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			3424.00	
S.I. Tool	5.00			3429.00	
HYD S.I. Tool	5.00			3434.00	
Packer	5.00			3439.00	16.00 Bottom Of Top Packer
Packer	5.00			3444.00	
Stubb	1.00			3445.00	
Perforations	2.00			3447.00	
C.O. Sub	1.00			3448.00	
Recorder	0.01	3030	Inside	3448.01	
Blank Spacing	61.00			3509.01	
C.O. Sub	1.00			3510.01	
Recorder	0.01	13254	Outside	3510.02	
Perforations	10.00			3520.02	
Bullnose	5.00			3525.02	86.02 Bottom Packers & Anchor

Total Tool Length: 102.02

TRILOBITE TESTING, INC.

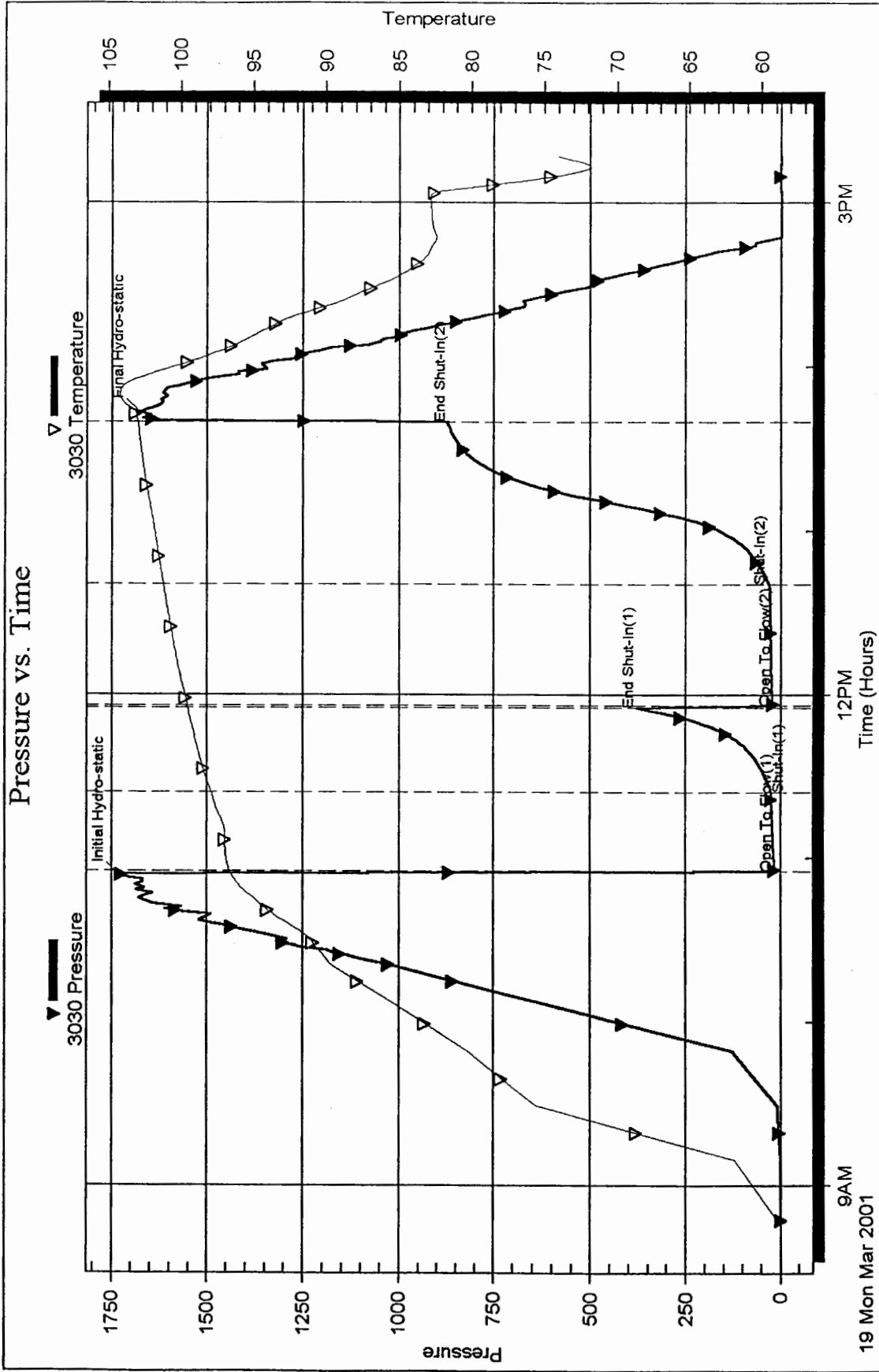
JUL 19 2001

CONSERVATION

Serial #: 3030

Mai Oil Operations

Sec6-11-20-Ellis-Ks





DRILL STEM TEST REPORT

Prepared For: **Mai Oil Operations**

P O Box 33
Russell, Ks 67665

ATTN: Allen Bangert

Sec6-11-20-Ellis-Ks

Richards #10

Start Date: 2001.04.06 @ 04:50:00

End Date: 2001.04.06 @ 10:47:00

Job Ticket #: 14691 DST #: 4

KANSAS CONSERVATION

JUL 19 2001

CONSERVATION

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Mai Oil Operations

Richards #10

P O Box 33
Russell, Ks 67665

Sec6-11-20-Ellis-Ks

Job Ticket: 14691

DST#: 4

ATTN: Allen Bangert

Test Start: 2001.04.06 @ 04:50:00

GENERAL INFORMATION:

Formation: **Arbuckle**

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

Time Tool Opened: 11:15:30

Time Test Ended: 10:47:00

Test Type: **Conventional Bottom Hole**

Tester: **Dan Bangle**

Unit No: **21**

Interval: **3634.00 ft (KB) To 3656.00 ft (KB) (TVD)**

Total Depth: **3656.00 ft (KB)**

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

Reference Elevations: **2045.00 ft (KB)**

2040.00 ft (CF)

KB to GR/CF: **5.00 ft**

Serial #: **3030**

Press@RunDepth: **133.36 psig @** ft (KB)

Start Date: **2001.04.06**

End Date:

2001.04.06

Start Time: **08:47:02**

End Time:

16:37:00

Capacity: **7000.00 psig**

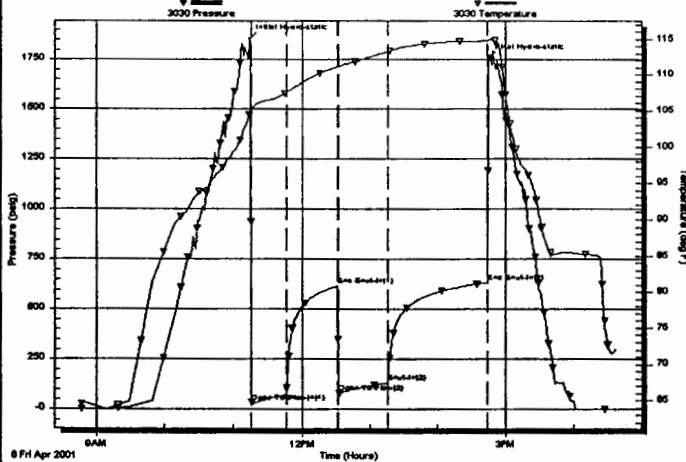
Last Calib.: **1899.12.30**

Time On Btm: **2001.04.06 @ 11:14:00**

Time Off Btm: **2001.04.06 @ 14:45:00**

TEST COMMENT: **90 GIP F-Strong BOB in 20 min
FFWeak building to strong BOB in 44 min**

Pressure vs. Time



PRESSURE SUMMARY

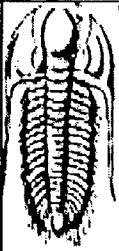
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
147	1853.30	104.62	Initial Hydro-static
149	31.06	105.16	Open To Flow (1)
179	73.84	107.53	Shut-In(1)
224	617.34	111.09	End Shut-In(1)
225	77.80	111.12	Open To Flow (2)
269	133.36	113.29	Shut-In(2)
357	634.06	114.82	End Shut-In(2)
358	1756.21	114.85	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	Clean oil	0.84
216.00	Silty O/C Muddy Water 5%o 75%w 20%lm Rw .17 70 = 40000	3.03

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Mai Oil Operations

Richards #10

P O Box 33
Russell, Ks 67665

Sec6-11-20-Ellis-Ks

Job Ticket: 14691

DST#: 4

ATTN: Allen Bangert

Test Start: 2001.04.06 @ 04:50:00

Tool Information

Drill Pipe:	Length: 3631.00 ft	Diameter: 3.80 inches	Volume: 50.93 bbl	Tool Weight: 1000.00 lb
Drill Collar:	Length: 0.01 ft	Diameter: 0.01 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Heavy Wt. Pipe:	Length: 0.01 ft	Diameter: 0.01 inches	Volume: 0.00 bbl	Weight to Pull Loose: 54000.00 lb
Drill Pipe Above KB:	13.02 ft			Tool Chased 0.01 ft
Depth to Top Packer:	3634.00 ft			String Weight: Initial 52000.00 lb
Depth to Bottom Packer:	ft			Final 54000.00 lb
Interval between Packers:	ft			
Tool Length:	43.02 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			3619.00	
S.I. Tool	5.00			3624.00	
HYD S.I. Tool	5.00			3629.00	
Packer	5.00			3634.00	16.00 Bottom Of Top Packer
Packer	5.00			3639.00	
Stubb	1.00			3640.00	
Perforations	1.00			3641.00	
Recorder	0.01	3030	Inside	3641.01	
Perforations	15.00			3656.01	
Recorder	0.01	13254	Outside	3656.02	
Bullnose	5.00			3661.02	27.02 Bottom Packers & Anchor

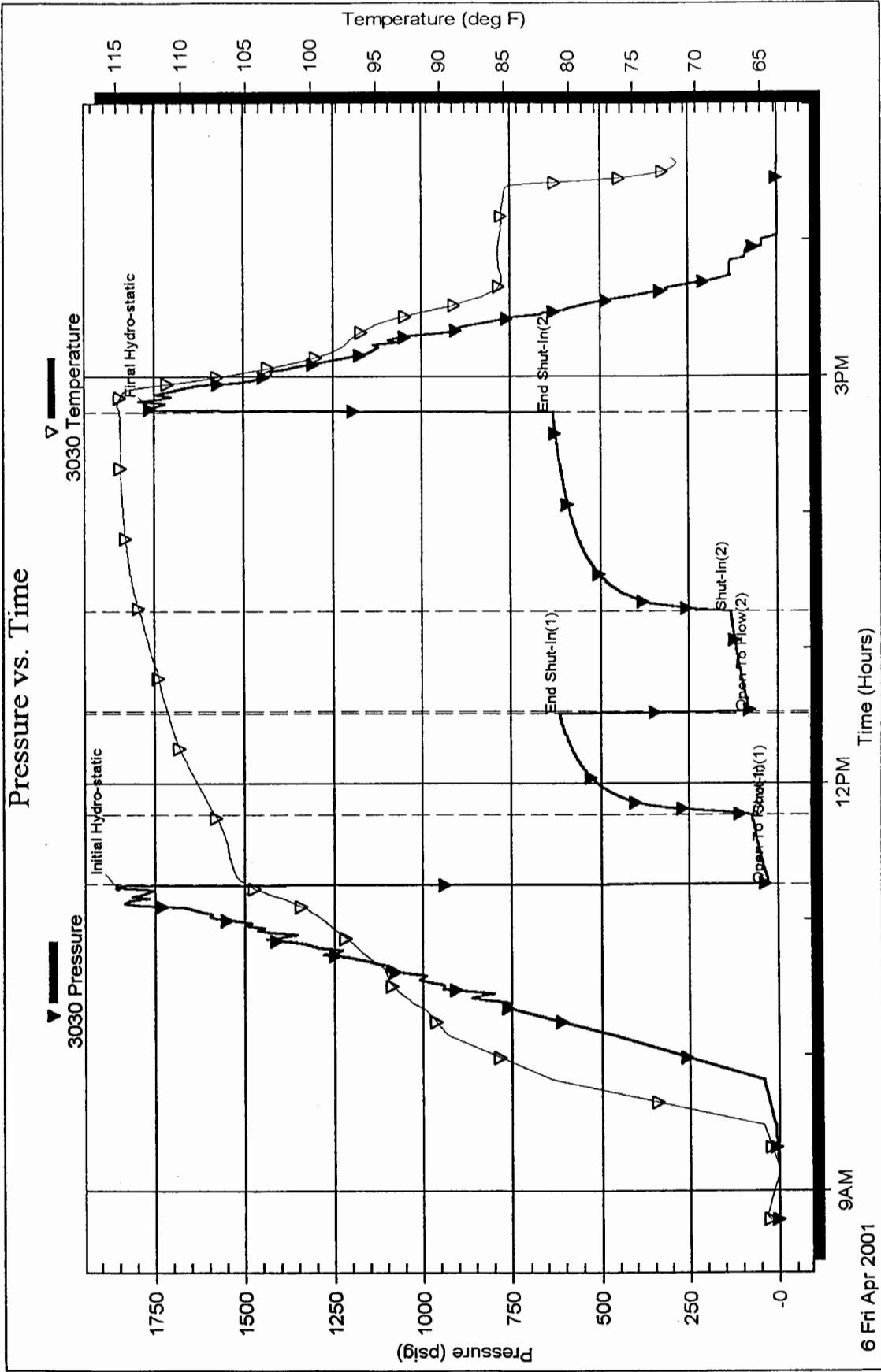
Total Tool Length: 43.02

CONSOLIDATED
JUL 19 2001
CONSOLIDATED

Serial #: 3030

Mai Oil Operations

Sec6-11-20-Ellis-Ks



ORIGINAL

Operator: Abercrombie Energy, LLC
Well Name: Hudson 1-1
Location: C SE SW NW Sec. 1-31S-11W
Barber County, KS
API No.: 15-007-22654-0000

LOG TOPS:

Oread	3643'	-1858
Heebner	3710'	-1925
Doug Shale	3746'	-1961
L. Doug Shale	3810'	-2025
Brown Lime	3887'	-2102
Lansing	3896'	-2111
Stark	4268'	-2483
B/KC	4358'	-2573
Marmaton	4375'	-2590
Miss Chert	4477'	-2692
Miss Lime	4500'	-2715
Kind Shale	4563'	-2778
LTD	4596'	

DST#1 3764' - 3822' (Douglas)

30-60-60-60

½" blow increased to 14" blow

Rec: 475' Fluid (110' Mud, 125' WM (20% wtr.), 240' MW (84% wtr.)

Chlorides 91,000 ppm (mud system 5,000 ppm)

IFP 33-161#

ICIP 1185#

FFP 160-258#

FCIP 1148#

DST #2 4455' - 4514' (Miss)

30-60-60-60

Weak increasing to good blow

Rec: 200' GIP

70' SGCM (3% gas, 97% mud)

IFP: 44-53#

ICIP: 253#

FFP: 49-62#

FCIP: 443#

118° BHT