

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

RECEIVED

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

JAN 03 2003
01-03-2003
REC WICHITA

15-039-20928-00-00

ORIGINAL

Operator: License # 5123
Name: Pickrell Drilling Co. Inc.
Address: 100 S. Main, Suite 505
City/State/Zip: Wichita, Kansas 67202-3738
Purchaser: N/A
Operator Contact Person: Larry J. Richardson
Phone: (316) 262-8427
Contractor: Name: Murfin Drilling Co. Inc.
License: 30606
Wellsite Geologist: Paul Gunzelman

API No. 15 - 15-039-20,928
County: Decatur
C NE-NE Sec. 8 Twp. 4S S. R. 28 East West
660' feet from X (N circle one) Line of Section
660' feet from E (X circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: #1 Fringer "A" Well #: 1

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

Field Name: _____
Producing Formation: None
Elevation: Ground: 2735 Kelly Bushing: 2740

If Workover/Re-entry: Old Well Info as follows:

Total Depth: 4100 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at 260' KB _____ Feet
Multiple Stage Cementing Collar Used? Yes No

Operator: _____
Well Name: _____

If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.

Original Comp. Date: _____ Original Total Depth: _____
 Deepening Re-perf. Conv. to Enhr./SWD
 Plug Back _____ Plug Back Total Depth _____
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Enhr.?) Docket No. _____

Drilling Fluid Management Plan Alg 1 En 1-7-03
(Data must be collected from the Reserve Pit)

12-06-02 12-13-02 12-14-02
Spud Date or Date Reached TD Completion Date or Recompletion Date

Chloride content 4,600 ppm Fluid volume 300 bbls
Dewatering method used _____

Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

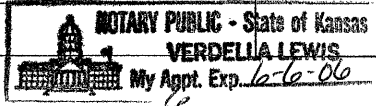
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: [Signature]
Title: C. W. Sebitts - President Date: 12-27-02

Subscribed and sworn to before me this 27th day of December

X10-2002
Notary Public: [Signature]

Date Commission Expires: 6-06-06



KCC Office Use ONLY
NO Letter of Confidentiality Attached
If Denied, Yes Date: _____
YES Wireline Log Received
YES Geologist Report Received
UIC Distribution

Operator Name: Pickrell Drilling Co. Inc. Lease Name: Fringer "A" Well #: 1
 Sec. 8 Twp. 4S.S. R. 28 East West County: Decatur

INSTRUCTIONS: Show formation tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken Yes No
 (Attach Additional Sheets)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
 (Submit Copy)

List All E. Logs Run:

Dual Induction
 Dual Compensated Porosity
 Borehole Compensated Sonic

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
Heebner	3823 (-1083)	
Lansing	3867 (-1127)	

CASING RECORD New Used

Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacjs Used	Type and Percent Additives
Surface Casing	12 1/4"	8 5/8"	24#	260' KB	common	185sx	2%gel, 3%CC

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose: P&A	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone		60-40 poz	115sx	6% gel

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
N/A			

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
N/A				
Date of First, Resumerd Production, SWD or Enhr.	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
N/A				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

Disposition of Gas Vented Sold Used on Lease (If vented, Sumit ACO-18.)

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval _____

ALLIED CEMENTING CO., INC. 12018

Federal Tax I.D.# 42-0727000

ORIGINAL

10 P.O. BOX 31
RUSSELL, KANSAS 67665

15-039-20928-00-00

SERVICE POINT:
Oakley

DATE <u>12-13-02</u>	SEC <u>8</u>	TWP <u>4 S</u>	RANGE <u>28 W</u>	CALLED OUT	ON LOCATION <u>9:30 PM</u>	JOB START <u>11:00 PM</u>	JOB FINISH <u>2:30 AM</u>
LEASE <u>Fringer</u>	WELL# <u>A-1</u>	LOCATION <u>Oberlin 85-3E-34N</u>	COUNTY <u>Decatur</u>	STATE <u>Kan</u>			
OLD OR <u>NEW</u> (Circle one)				<u>W.S.</u>			

CONTRACTOR Muc Fin Drlg Co #3

TYPE OF JOB PTA

HOLE SIZE 7 7/8 T.D. 4100'

CASING SIZE _____ DEPTH _____

TUBING SIZE _____ DEPTH _____

DRILL PIPE 4 1/2 XH DEPTH 2550'

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT _____

OWNER Same

CEMENT

AMOUNT ORDERED 155 sks 6 3/4 pooz
6% Gel, 1/4" Flo-Seal

COMMON	<u>9.3</u>	SKS	@	<u>7.85</u>	<u>730.05</u>
POZMIX	<u>6.2</u>	SKS	@	<u>3.55</u>	<u>220.10</u>
GEL	<u>8</u>	SKS	@	<u>10.00</u>	<u>80.00</u>
CHLORIDE			@		
<u>Flo-Seal</u>	<u>39.7</u>		@	<u>1.40</u>	<u>54.60</u>
			@		
			@		
			@		
			@		
HANDLING	<u>163</u>	SKS	@	<u>1.10</u>	<u>179.30</u>
MILEAGE	<u>4.4</u>	per SK/mile			<u>352.08</u>

TOTAL 1,616.13

EQUIPMENT

PUMP TRUCK CEMENTER Walt

300 HELPER Wayne

BULK TRUCK

315 DRIVER Jarrod

BULK TRUCK

_____ DRIVER _____

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REMARKS:

40 sks @ 2550'

40 sks @ 1750'

40 sks @ 310'

10 sks @ 40'

15 sks in RH

10 sks in MH

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____ 630.00

EXTRA FOOTAGE _____ @ _____

MILEAGE 54 miles @ 3.00 162.00

PLUG 8 7/8 D.H. @ 23.00

TOTAL 815.00

CHARGE TO: Pickrell Drlg Co, Inc

STREET _____

CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment

ALLIED CEMENTING CO., INC. 4870

Federal Tax I.D.# ~~XXXXXXXXXX~~

ORIGINAL
SERVICE POINT:
Oakley KS

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

15-039-20928-00-00

DATE <u>12-06-02</u>	SEC. <u>8</u>	TWP. <u>45</u>	RANGE <u>28W</u>	CALLED OUT <u>6:30 pm</u>	ON LOCATION <u>8:30 pm</u>	JOB START <u>11:15 am</u>	JOB FINISH <u>11:45 am</u>
LEASE <u>Fraser</u>	WELL # <u>A-1</u>	LOCATION <u>Oberlin 85-36-34W</u>			COUNTY <u>Decatur</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)			<u>w-in.</u>				

CONTRACTOR MUR #3

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 260'

CASING SIZE 8 5/8 2 1/2 DEPTH 260'

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. 15'

PERFS. _____

DISPLACEMENT 15.6

OWNER same

CEMENT

AMOUNT ORDERED 185 sks com 390

CC 2% gel

COMMON	<u>185</u>	@	<u>7⁸⁵</u>	<u>1452²⁵</u>
POZMIX		@		
GEL	<u>3 sks</u>	@	<u>10⁰⁰</u>	<u>30⁰⁰</u>
CHLORIDE	<u>6 sks</u>	@	<u>30⁰⁰</u>	<u>180⁰⁰</u>
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>194</u>	@	<u>1.10</u>	<u>213⁴⁰</u>
MILEAGE	<u>54 x 1944.04</u>			<u>919⁰⁴</u>
TOTAL				<u>2294⁶⁹</u>

EQUIPMENT

PUMP TRUCK CEMENTER Fuzzy

191 HELPER WAYNE

BULK TRUCK

315 DRIVER Jannod

BULK TRUCK

_____ DRIVER _____

REMARKS:

Cement 8 5/8 casing to a depth of 260' with

185 sks com 390cc 2% gel

Displace plug to within 15' of

bottom.

cement did circulate

Plug down @ 11:45 pm

THANKS Fuzzy

Surface

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KCC WICHITA SERVICE

DEPTH OF JOB	<u>260'</u>		<u>00</u>
PUMP TRUCK CHARGE			<u>520</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>54</u>	@	<u>3.00</u>
PLUG	<u>8 5/8</u>	@	<u>45⁰⁰</u>
		@	
		@	
TOTAL			<u>727⁰⁰</u>

CHARGE TO: Pickrell Dalg

STREET _____

CITY _____ STATE _____ ZIP _____

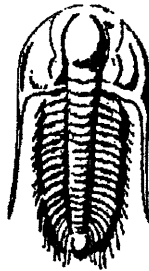
FLOAT EQUIPMENT

	@		
	@		
	@		
	@		
	@		
TOTAL			<u>3021⁶⁹</u>

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment
and furnish cementer and helper to assist owner or

15-039-20928-00-00

ORIGINAL



**TRILOBITE
TESTING, INC.**

RECEIVED
JAN 03 2003
KCC WICHITA

DRILL STEM TEST REPORT

Prepared For: **Pickrell Drilling Company Inc.**

100 S. Main
Ste #505
Wichita, KS 67202-3738

ATTN: Paul Gunzelman

8-4S-28W Decatur KS

Fringer A #1

Start Date: 2002.12.10 @ 23:42:55

End Date: 2002.12.11 @ 08:43:55

Job Ticket #: 15226 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Pickrell Drilling Company Inc.

Fringer A #1

8-4S-28W Decatur KS

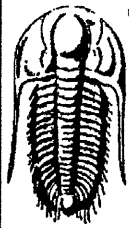
DST # 1

Lans C & D

2002.12.10

15-039 - 20928 - 00 - 00

ORIGINAL



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Pickrell Drilling Company Inc.

Fringer A #1

100 S. Main
Ste #505
Wichita, KS 67202-3738
ATTN: Paul Gunzelman

8-4S-28W Decatur KS

Job Ticket: 15226 DST#: 1

Test Start: 2002.12.10 @ 23:42:55

GENERAL INFORMATION:

Formation: **Lans C & D**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 01:27:40
Time Test Ended: 08:43:55

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Test Type: Conventional Bottom Hole
Tester: Rod Steinbrink
Unit No: 22

Interval: **3868.00 ft (KB) To 3908.00 ft (KB) (TVD)**
Total Depth: **3908.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: Fair

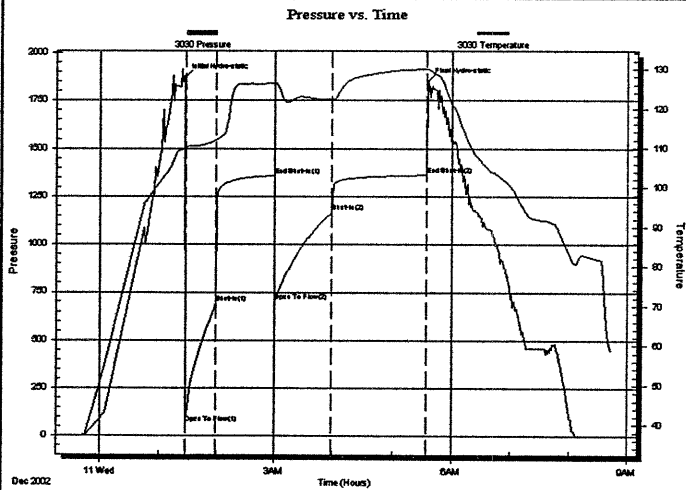
KCC WICHITA

Reference Elevations: **2740.00 ft (KB)**
2735.00 ft (CF)
KB to GR/CF: **5.00 ft**

Serial #: 3030 Inside
Press@RunDepth: **1167.63 psig @ 3869.00 ft (KB)**
Start Date: **2002.12.10** End Date: **2002.12.11**
Start Time: **23:42:57** End Time: **08:43:55**

Capacity: **7000.00 psig**
Last Calib.: **1899.12.30**
Time On Btrn: **2002.12.11 @ 01:27:10**
Time Off Btrn: **2002.12.11 @ 05:35:10**

TEST COMMENT: F; Strong blow off btm in 3 mins
S; Weak surface slow throughout
FF; Strong blow off btm in 3 mins
FS; No return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1871.85	110.04	Initial Hydro-static
1	66.17	110.14	Open To Flow (1)
33	690.36	112.01	Shut-in(1)
93	1358.89	126.49	End Shut-in(1)
94	704.44	126.50	Open To Flow (2)
152	1167.63	122.26	Shut-in(2)
247	1362.29	130.00	End Shut-in(2)
248	1850.06	130.04	Final Hydro-static

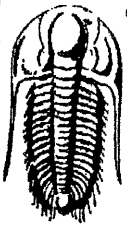
Recovery

Length (ft)	Description	Volume (bbl)
2520.00	Wtr w/oil spots @ top	30.92

Gas Rates

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

15-039-20928-00-00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Pickrell Drilling Company Inc.

Fringer A #1

100 S. Main
Ste #505
Wichita, KS 67202-3738
ATTN: Paul Gunzelman

8-4S-28W Decatur KS
Job Ticket: 15226 **DST#: 1**
Test Start: 2002.12.10 @ 23:42:55

Tool Information

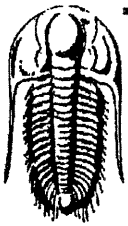
Drill Pipe:	Length: 3371.00 ft	Diameter: 3.80 inches	Volume: 47.29 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 486.00 ft	Diameter: 2.25 inches	Volume: 2.39 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 49.68 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	11.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3868.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	40.00 ft			
Tool Length:	62.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

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KCC WICHITA

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3851.00	
Hydraulic tool	5.00			3856.00	
Safety Joint	2.00			3858.00	
Packer	5.00			3863.00	22.00 Bottom Of Top Packer
Packer	5.00			3868.00	
Stubb	1.00			3869.00	
Recorder	0.00	3030	Inside	3869.00	
Perforations	34.00			3903.00	
Recorder	0.00	13371	Outside	3903.00	
Bullnose	5.00			3908.00	40.00 Bottom Packers & Anchor
Total Tool Length:	62.00				

15-039-20928-00-00



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Pickrell Drilling Company Inc.

Fringer A #1

100 S. Main
Ste #505
Wichita, KS 67202-3738
ATTN: Paul Gunzelman

8-4S-28W Decatur KS

Job Ticket: 15226 DST#: 1

Test Start: 2002.12.10 @ 23:42:55

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 52.00 sec/qt
Water Loss: 7.97 in³
Resistivity: ohm.m
Salinity: 600.00 ppm
Filter Cake: inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: deg API
Water Salinity: 14000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2520.00	Wtr w/oil spots @ top	30.922

Total Length: 2520.00 ft Total Volume: 30.922 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: **RECEIVED**

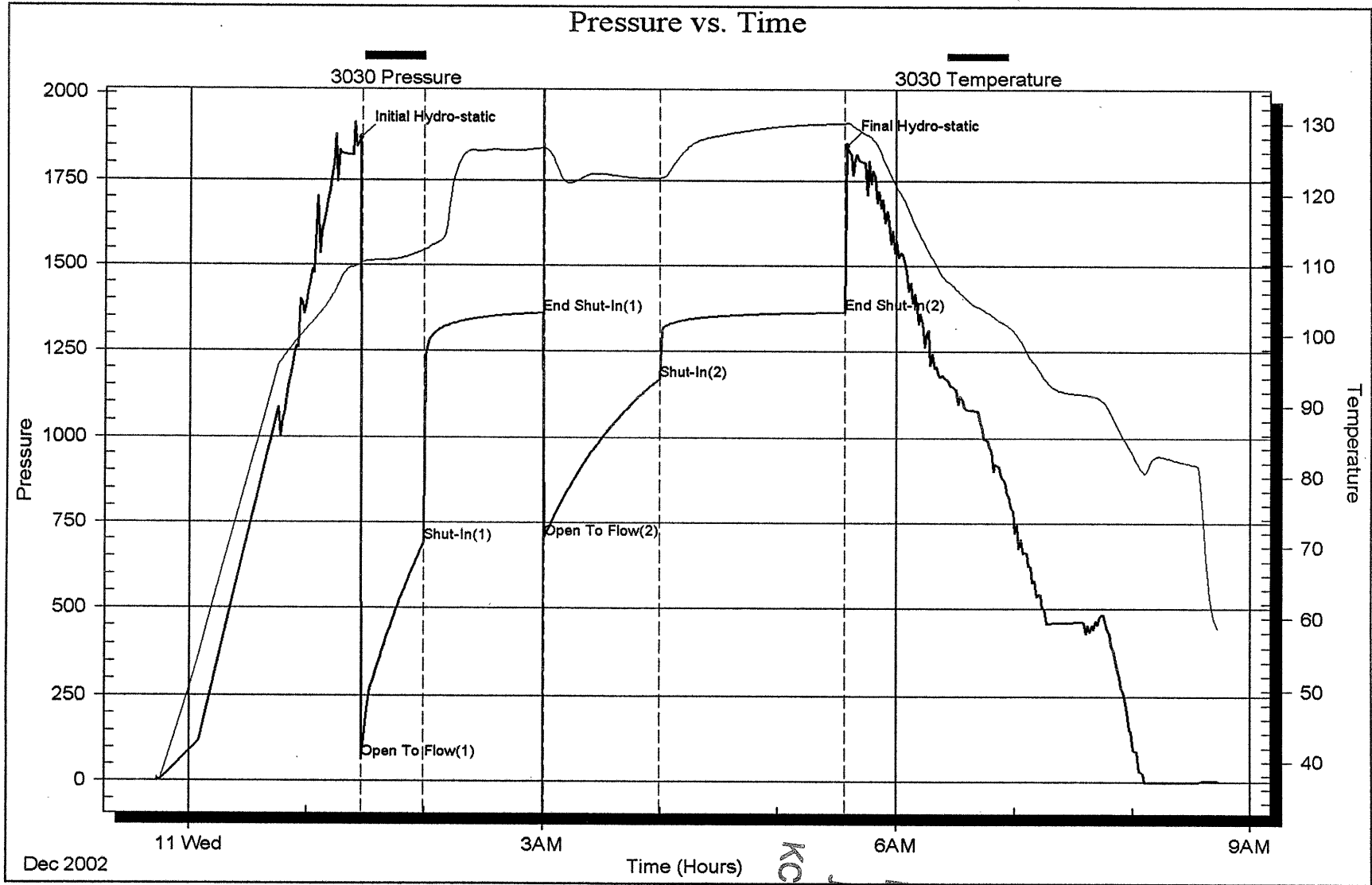
Laboratory Name:

Laboratory Location:

Recovery Comments: RW 5.5 @ 60 deg = 14,000 Chlorides

JAN 03 2003

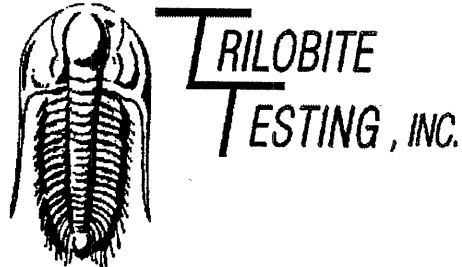
KCC WICHITA



15-039-20928-00-00

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JAN 03 2003
KCC MICHITA

15-039 - 20928-00-00



DRILL STEM TEST REPORT

Prepared For: **Pickrell Drilling Company Inc.**

100 S. Main
Ste #505
Wichita, KS 67202-3738

RECEIVED

JAN 03 2003

KCC WICHITA

ATTN: Paul Gunzelman

8-4S-28W Decatur KS

Fringer A #1

Start Date: 2002.12.11 @ 17:05:39

End Date: 2002.12.12 @ 00:16:09

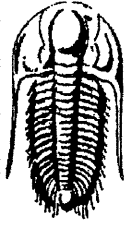
Job Ticket #: 15227 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

15-039-20928-00-00



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Pickrell Drilling Company Inc.
 100 S. Main
 Ste #505
 Wichita, KS 67202-3738
 ATTN: Paul Gunzelman

Fringer A #1
8-4S-28W Decatur KS
 Job Ticket: 15227 DST#: 2
 Test Start: 2002.12.11 @ 17:05:39

GENERAL INFORMATION:

Formation: **Lans G**
 Deviated: **No** Whipstock: ft (KB)
 Time Tool Opened: 18:45:09
 Time Test Ended: 00:16:09

Test Type: **Conventional Bottom Hole**
 Tester: **Rod Steinbrink**
 Unit No: **22**

Interval: **3926.00 ft (KB) To 2952.00 ft (KB) (TVD)**
 Total Depth: **3952.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **2740.00 ft (KB)**
2735.00 ft (CF)
 KB to GR/CF: **5.00 ft**

RECEIVED
JAN 03 2003
KCC WICHITA

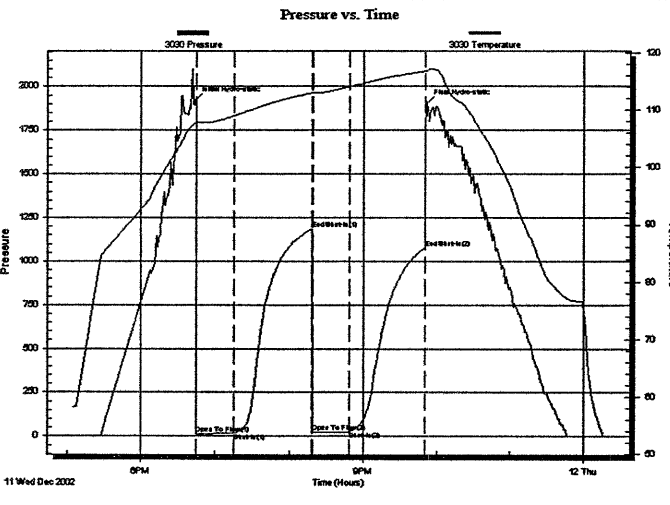
Serial #: 3030

Inside

Press@RunDepth: **26.54 psig @ 3927.00 ft (KB)**
 Start Date: **2002.12.11** End Date: **2002.12.12**
 Start Time: **17:05:41** End Time: **00:16:09**

Capacity: **7000.00 psig**
 Last Calib.: **1899.12.30**
 Time On Btm: **2002.12.11 @ 18:44:24**
 Time Off Btm: **2002.12.11 @ 21:51:54**

TEST COMMENT: **F; Weak 1/4" blow decreased to surface @ final**
IS;
FF; No return blow
FS;



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1919.49	107.80	Initial Hydro-static
1	12.48	107.89	Open To Flow (1)
31	18.89	109.05	Shut-in(1)
95	1185.93	113.04	End Shut-in(1)
95	22.07	113.06	Open To Flow (2)
125	26.54	114.12	Shut-in(2)
186	1077.83	116.83	End Shut-in(2)
188	1905.85	116.94	Final Hydro-static

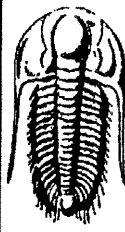
Recovery

Length (ft)	Description	Volume (bbl)
10.00	Slightly OCM	0.05

Gas Rates

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

15-039-20928-00-00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Pickrell Drilling Company Inc.
100 S. Main
Ste #505
Wichita, KS 67202-3738
ATTN: Paul Gunzelman

Fringer A #1
8-4S-28W Decatur KS
Job Ticket: 15227 **DST#: 2**
Test Start: 2002.12.11 @ 17:05:39

Tool Information

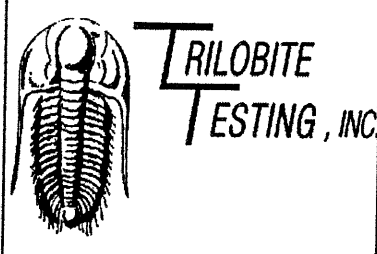
Drill Pipe:	Length: 3432.00 ft	Diameter: 3.80 inches	Volume: 48.14 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 486.00 ft	Diameter: 2.25 inches	Volume: 2.39 bbl	Weight to Pull Loose: 60000.00 lb
		Total Volume: 50.53 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	14.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3926.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	26.00 ft			
Tool Length:	48.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

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Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3909.00	
Hydraulic tool	5.00			3914.00	
Safety Joint	2.00			3916.00	
Packer	5.00			3921.00	22.00 Bottom Of Top Packer
Packer	5.00			3926.00	
Stubb	1.00			3927.00	
Recorder	0.00	3030	Inside	3927.00	
Perforations	20.00			3947.00	
Recorder	0.00	13371	Outside	3947.00	
Bullnose	5.00			3952.00	26.00 Bottom Packers & Anchor
Total Tool Length:	48.00				

15-039-20928-00-00



DRILL STEM TEST REPORT FLUID SUMMARY

Pickrell Drilling Company Inc.	Fringer A #1
100 S. Main	8-4S-28W Decatur KS
Ste #505	Job Ticket: 15227 DST#: 2
Wichita, KS 67202-3738	Test Start: 2002.12.11 @ 17:05:39
ATTN: Paul Gunzelman	

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: 56.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.98 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1200.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Slightly OCM	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl

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

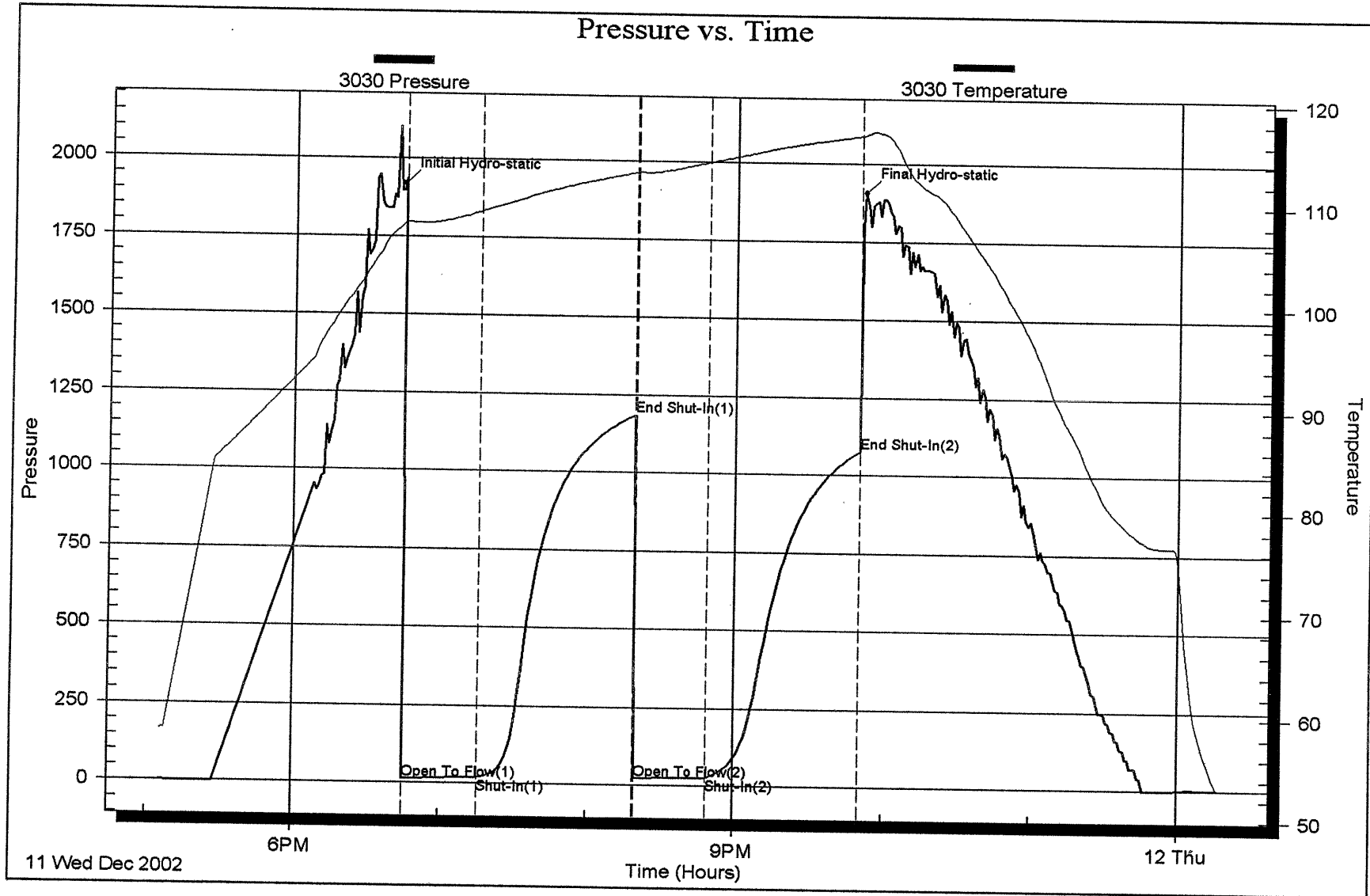
Laboratory Name: Laboratory Location:

Recovery Comments:

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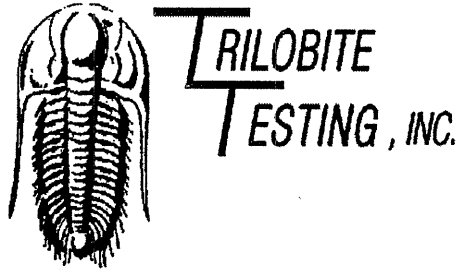
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DRILL STEM TEST REPORT

Prepared For: **Pickrell Drilling Company Inc.**

100 S. Main
Ste #505
Wichita, KS 67202-3738

ATTN: Paul Gunzelman

8-4S-28W Decatur KS

Fringer A #1

Start Date: 2002.12.12 @ 11:14:48

End Date: 2002.12.12 @ 17:55:48

Job Ticket #: 15228 DST #: 3

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

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Pickrell Drilling Company Inc.

Fringer A #1

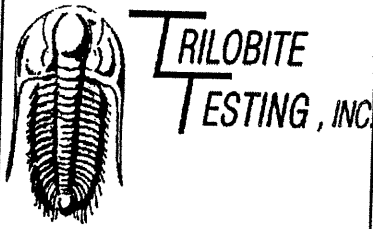
8-4S-28W Decatur KS

DST # 3

Lans/KC J

2002.12.12

15-039-20928-00-00



DRILL STEM TEST REPORT

Pickrell Drilling Company Inc.

Fringer A #1

100 S. Main
Ste #505
Wichita, KS 67202-3738
ATTN: Paul Gunzelman

8-4S-28W Decatur KS

Job Ticket: 15228

DST#: 3

Test Start: 2002.12.12 @ 11:14:48

GENERAL INFORMATION:

Formation: **Lans/KC J**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 12:52:48
Time Test Ended: 17:55:48
Interval: **3980.00 ft (KB) To 4018.00 ft (KB) (TVD)**
Total Depth: **4018.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: Fair

Test Type: Conventional Bottom Hole
Tester: Rod Steinbrink
Unit No: 22
Reference Elevations: 2740.00 ft (KB)
2735.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: **3030** Inside
Press@RunDepth: **46.22 psig @ 3981.00 ft (KB)**
Start Date: **2002.12.12** End Date: **2002.12.12**
Start Time: **11:14:50** End Time: **17:55:48**

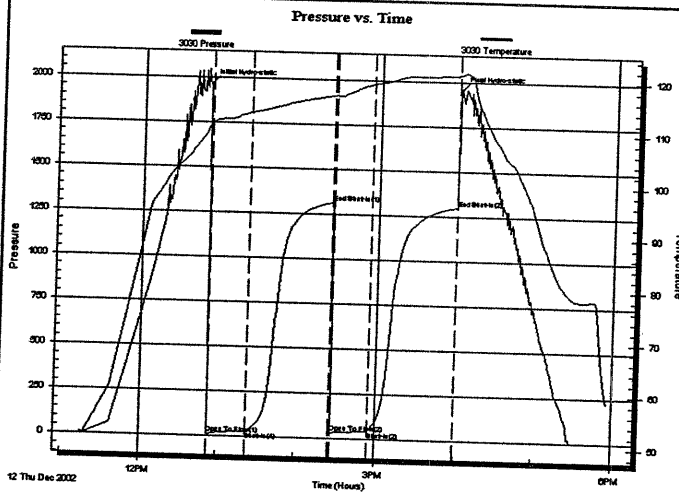
Capacity: **7000.00 psig**
Last Calib.: **1899.12.30**
Time On Btm: **2002.12.12 @ 12:52:03**
Time Off Btm: **2002.12.12 @ 16:01:03**

TEST COMMENT: F; Weak 1/4" blow throughout
FF; Weak 1/4" blow throughout

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PRESSURE SUMMARY

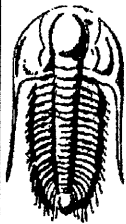
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1965.69	110.80	Initial Hydro-static
1	13.36	111.08	Open To Flow (1)
31	30.24	113.27	Shut-in(1)
94	1315.85	116.83	End Shut-in(1)
95	33.21	116.85	Open To Flow (2)
123	46.22	119.15	Shut-in(2)
188	1299.65	121.05	End Shut-in(2)
189	1955.72	121.15	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
90.00	Free Oil	0.44
30.00	HOCM 40%oil 60%mud	0.15

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Pickrell Drilling Company Inc.

Fringer A #1

100 S. Main
Ste #505
Wichita, KS 67202-3738
ATTN: Paul Gunzelman

8-4S-28W Decatur KS
Job Ticket: 15228 **DST#: 3**
Test Start: 2002.12.12 @ 11:14:48

Tool Information

Drill Pipe:	Length: 3496.00 ft	Diameter: 3.80 inches	Volume: 49.04 bbl	Tool Weight: 2000.00 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: 486.00 ft	Diameter: 2.25 inches	Volume: 2.39 bbl	Weight to Pull Loose: 60000.00 lb
			Total Volume: 51.43 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	24.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3980.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	42.00 ft			
Tool Length:	64.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

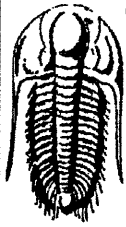
Tool Comments:

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Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Shut In Tool	5.00			3963.00	
Hydraulic tool	5.00			3968.00	
Safety Joint	2.00			3970.00	
Packer	5.00			3975.00	22.00 Bottom Of Top Packer
Packer	5.00			3980.00	
Stubb	1.00			3981.00	
Recorder	0.00	3030	Inside	3981.00	
Perforations	36.00			4017.00	
Recorder	0.00	13371	Outside	4017.00	
Bullnose	5.00			4022.00	42.00 Bottom Packers & Anchor
Total Tool Length:	64.00				

15-039 - 20928-00-00



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Pickrell Drilling Company Inc.
100 S. Main
Ste #505
Wichita, KS 67202-3738
ATTN: Paul Gunzelman

Fringer A #1
8-4S-28W Decatur KS
Job Ticket: 15228 **DST#: 3**
Test Start: 2002.12.12 @ 11:14:48

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 37 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: 55.00 sec/qt	Cushion Volume: bbl	
Water Loss: 7.98 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 1200.00 ppm		
Filter Cake: inches		

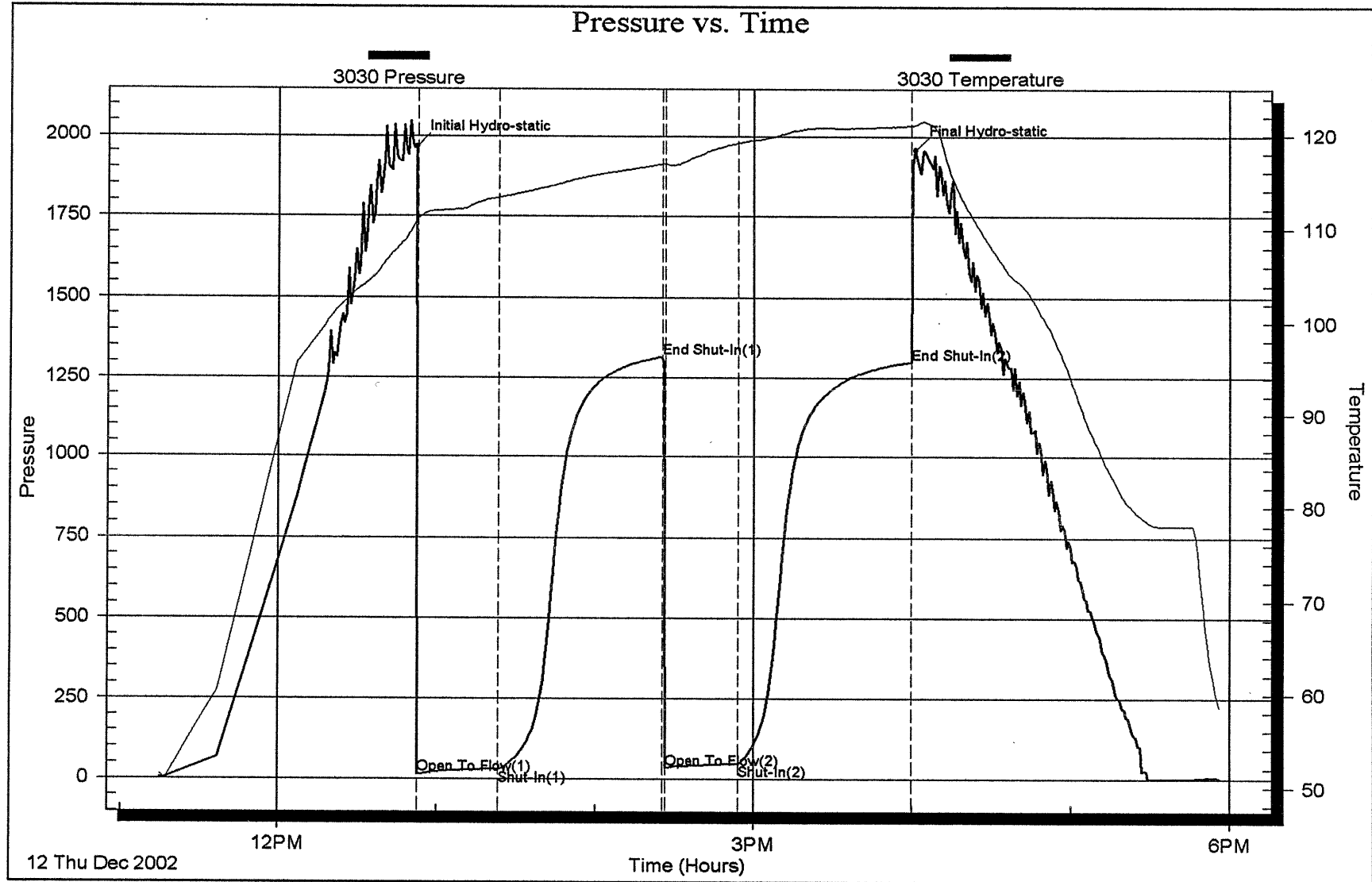
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
90.00	Free Oil	0.443
30.00	HOCM 40%oil 60%mud	0.148

Total Length: 120.00 ft Total Volume: 0.591 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

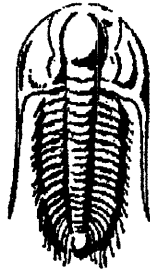
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**TRILOBITE
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DRILL STEM TEST REPORT

Prepared For: **Pickrell Drilling Company Inc.**

100 S. Main
Ste #505
Wichita, KS 67202-3738

ATTN: Paul Gunzelman

8-4S-28W Decatur KS

Fringer A #1

Start Date: 2002.12.13 @ 10:04:13

End Date: 2002.12.13 @ 18:08:13

Job Ticket #: 15229 DST #: 4

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

Pickrell Drilling Company Inc.

Fringer A #1

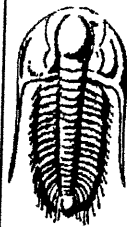
8-4S-28W Decatur KS

DST # 4

Lans/KC K

2002.12.13

15-039-20928-00-00



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Pickrell Drilling Company Inc.

100 S. Main
Ste #505
Wichita, KS 67202-3738
ATTN: Paul Gunzelman

Fringer A #1

8-4S-28W Decatur KS

Job Ticket: 15229

DST#: 4

Test Start: 2002.12.13 @ 10:04:13

GENERAL INFORMATION:

Formation: **Lans/KC K**
Deviated: **No Whipstock:** ft (KB)
Time Tool Opened: **11:41:58**
Time Test Ended: **18:08:13**

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Test Type: **Conventional Bottom Hole**

Tester: **Rod Steinbrink**

Unit No: **22**

Interval: **4016.00 ft (KB) To 4060.00 ft (KB) (TVD)**
Total Depth: **4102.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **2740.00 ft (KB)**
2735.00 ft (CF)
KB to GR/CF: **5.00 ft**

Serial #: 3030

Inside

Press@RunDepth: **43.22 psig @ 4017.00 ft (KB)**

Start Date: **2002.12.13**

End Date:

2002.12.13

Capacity: **7000.00 psig**

Start Time: **10:04:15**

End Time:

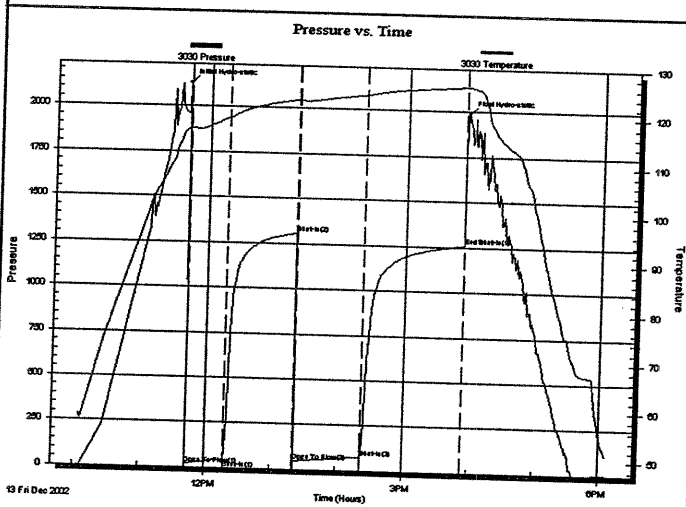
18:08:13

Last Calib.: **1899.12.30**

Time On Btm: **2002.12.13 @ 11:41:13**

Time Off Btm: **2002.12.13 @ 15:56:13**

TEST COMMENT: **IF; Weak 1/4" blow throughout**
FF; Weak blow in 5 mins died in 55 mins.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2129.76	116.95	Initial Hydro-static
1	16.86	117.02	Open To Flow (1)
36	43.22	119.17	Shut-In(1)
99	1305.76	123.07	Shut-In(2)
100	46.02	123.08	Open To Flow (2)
161	74.96	124.30	Shut-In(3)
253	1256.99	126.30	End Shut-In(1)
255	1988.29	126.34	Final Hydro-static

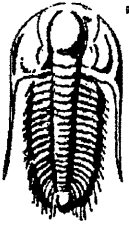
Recovery

Length (ft)	Description	Volume (bbl)
60.00	Drig Mud	0.30
60.00	MW 80%w tr 20%mud	0.30

Gas Rates

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

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TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Pickrell Drilling Company Inc.
 100 S. Main
 Ste #505
 Wichita, KS 67202-3738
 ATTN: Paul Gunzelman

Fringer A #1
8-4S-28W Decatur KS
 Job Ticket: 15229 **DST#: 4**
 Test Start: 2002.12.13 @ 10:04:13

Tool Information

Drill Pipe:	Length: 3562.00 ft	Diameter: 3.80 inches	Volume: 49.97 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: 486.00 ft	Diameter: 2.25 inches	Volume: 2.39 bbl	Weight to Pull Loose: 60000.00 lb
			Total Volume: 52.36 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	54.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	4016.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	91.00 ft			
Tool Length:	113.00 ft			
Number of Packers:	3	Diameter: 6.75 inches		

Tool Comments:

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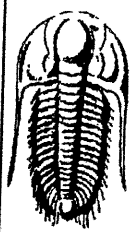
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Tool Description

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

Shut In Tool	5.00			3999.00	
Hydraulic tool	5.00			4004.00	
Safety Joint	2.00			4006.00	
Packer	5.00			4011.00	22.00 Bottom Of Top Packer
Packer	5.00			4016.00	
Stubb	1.00			4017.00	
Recorder	0.00	3030	Inside	4017.00	
Perforations	9.00			4026.00	
Change Over Sub	1.00			4027.00	
Anchor	31.00			4058.00	
Recorder	0.00	13276	Outside	4058.00	
Change Over Sub	1.00			4059.00	
Blank Off Sub	1.00			4060.00	91.00 Tool Interval
Packer	5.00			4065.00	
Stubb	1.00			4066.00	
Perforations	3.00			4069.00	
Change Over Sub	1.00			4070.00	
Anchor	31.00			4101.00	
Change Over Sub	1.00			4102.00	
Recorder	0.00	13371	Outside	4102.00	
Bullnose	5.00			4107.00	1000112.00 Bottom Packers & Anchor
Total Tool Length:	113.00				

15-039-20928-00-00



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Pickrell Drilling Company Inc.

Fringer A #1

100 S. Main
Ste #505
Wichita, KS 67202-3738
ATTN: Paul Gunzelman

8-4S-28W Decatur KS

Job Ticket: 15229 **DST#: 4**

Test Start: 2002.12.13 @ 10:04:13

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 55.00 sec/qt
Water Loss: 7.99 in³
Resistivity: ohm.m
Salinity: ppm
Filter Cake: 1200.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: deg API
Water Salinity: 34000 ppm

Recovery Information

Recovery Table

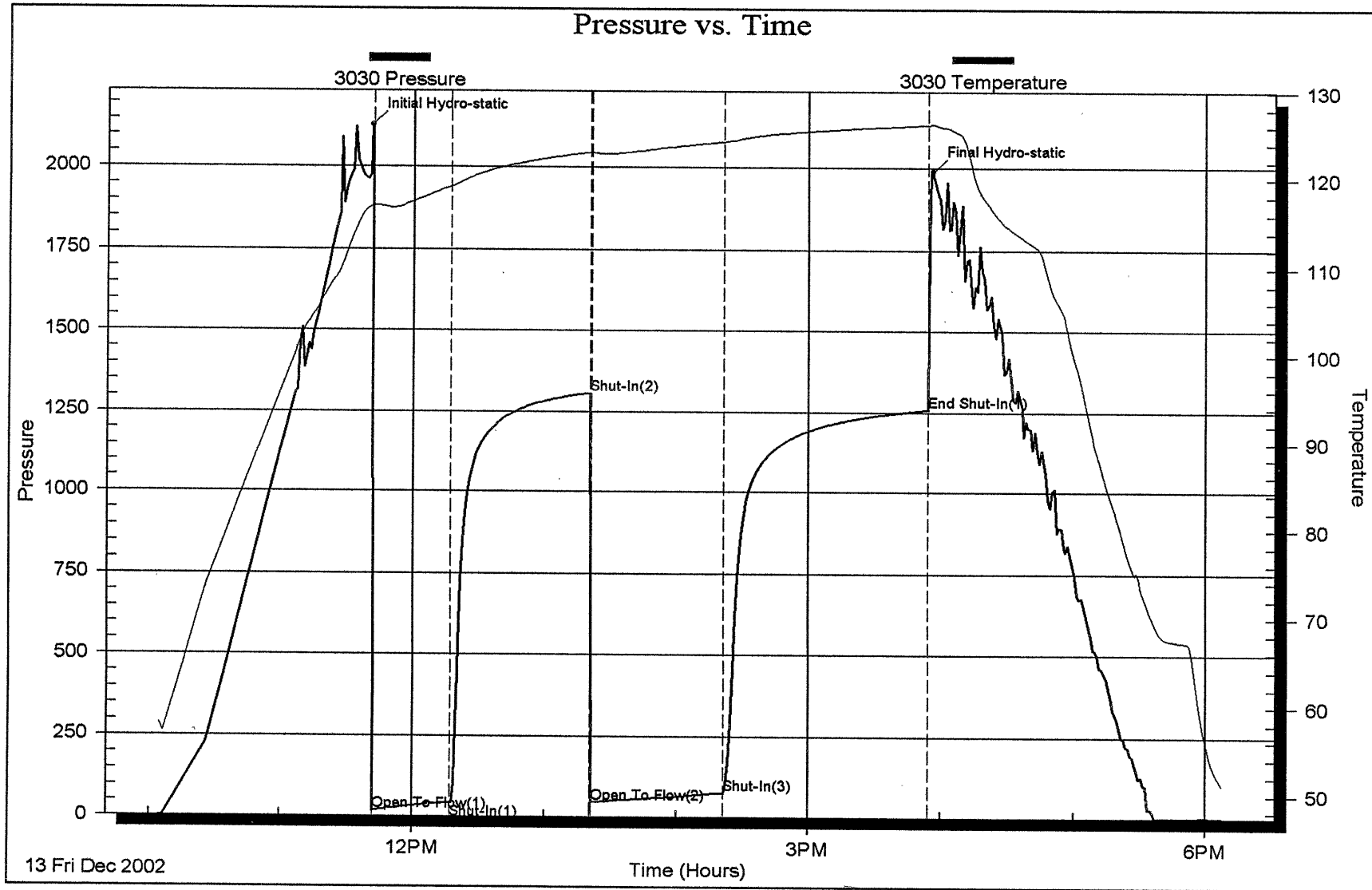
Length ft	Description	Volume bbl
60.00	Drig Mud	0.295
60.00	MW 80%w tr 20%mud	0.295

Total Length: 120.00 ft Total Volume: bbl

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

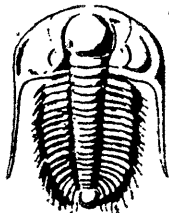
Laboratory Name: Laboratory Location:
Recovery Comments: RW .20 @ 75 deg = 34000 Chlorides

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No 15226

Test Ticket

Well Name & No. Fringer A #1 Test No. 1 Date 12-10-02
 Company Pickrell Drilling Company Inc. Zone Tested Lans C-D
 Address 100 S. Main Ste 505 Wichita, KS 67202-3138 Elevation 2740 KB 2735 GL
 Co. Rep / Geo. Paul Gunzelman Cont. Murfin #3 Est. Ft. of Pay Por. %
 Location: Sec. 8 Twp. 4^S Rge. 28^W Co. Decatur State KS
 No. of Copies Distribution Sheet (Y, N) Turnkey (Y, N) Evaluation (Y, N)

Interval Tested 3868 - 3908 Initial Str Wt./Lbs. 50,000 Unseated Str Wt./Lbs. 60,000
 Anchor Length 40' Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 65,000
 Top Packer Depth 3863 Tool Weight 2,000
 Bottom Packer Depth 3868 Hole Size — 7 7/8" Rubber Size — 6 3/4"
 Total Depth 3908 Wt. Pipe Run Drill Collar Run 486'
 Mud Wt. 9.0 LCM Vis. 52 WL 8.0 Drill Pipe Size 4 1/2" XH Ft. Run 3371'
 Blow Description IF: Strong blow off bttm 3 mins.
IS: Weak surface blow throughout.
FF: Strong blow off bttm 3 mins.
FSI: No return blow.

Recovery — Total Feet	GIP	Ft. in DC	Ft. in DP
<u>2520'</u>	<u>2520'</u>	<u>486'</u>	<u>2034'</u>
Rec. <u> </u> Feet Of <u> </u>	%gas <u> </u>	%oil <u> </u>	%water <u> </u> %mud <u> </u>
Rec. <u> </u> Feet Of <u> </u>	%gas <u> </u>	%oil <u> </u>	%water <u> </u> %mud <u> </u>
Rec. <u>2520'</u> Feet Of <u>Wtr. w/spots oil</u>	%gas <u> </u>	%oil <u> </u>	%water <u> </u> %mud <u> </u>
Rec. <u> </u> Feet Of <u>@top</u>	%gas <u> </u>	%oil <u> </u>	%water <u> </u> %mud <u> </u>
Rec. <u> </u> Feet Of <u> </u>	%gas <u> </u>	%oil <u> </u>	%water <u> </u> %mud <u> </u>

BHT 130° °F Gravity °API D@ °F Corrected Gravity °API
 RW 5.5 @ 60° °F Chlorides 14,000 ppm Recovery Chlorides 600 ppm System

	AK-1	Alpine	PSI Recorder No.	T-On Location
(A) Initial Hydrostatic Mud	<u>1871</u>	<u>1871</u>	<u>3030</u>	<u>2230</u>
(B) First Initial Flow Pressure	<u>66</u>	<u>66</u>	(depth) <u>3869</u>	T-Started <u>2342</u>
(C) First Final Flow Pressure	<u>690</u>	<u>690</u>	PSI Recorder No. <u>13371</u>	T-Open <u>0127</u>
(D) Initial Shut-in Pressure	<u>1358</u>	<u>1358</u>	(depth) <u>3903</u>	T-Pulled <u>0533</u>
(E) Second Initial Flow Pressure	<u>704</u>	<u>704</u>	PSI Recorder No. <u> </u>	T-Out <u>0843</u>
(F) Second Final Flow Pressure	<u>1167</u>	<u>1167</u>	(depth) <u> </u>	T-Off Location <u> </u>
(G) Final Shut-in Pressure	<u>1362</u>	<u>1362</u>	PSI Initial Opening <u>30</u>	Test <u> </u>
(Q) Final Hydrostatic Mud	<u>1850</u>	<u>1850</u>	PSI Initial Shut-in <u>60</u>	Jars <u> </u>

Final Flow 60 Safety Joint X
 Final Shut-in 90 Straddle
 Circ. Sub X N/C
 Sampler
 Extra Packer
 Elec. Rec. X
 Mileage 104 1 way
 Other
 TOTAL PRICE \$

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Approved By Paul Gunzelman
 Our Representative Rod Steinbrink

15-039-20928-00-00

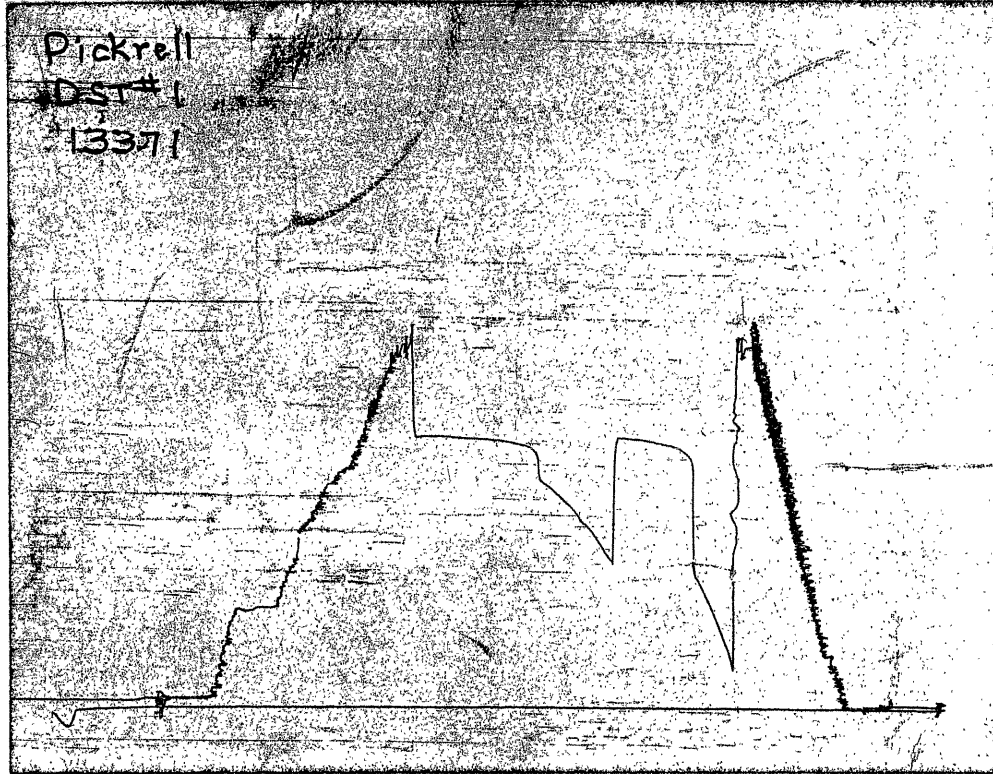
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CHART PAGE

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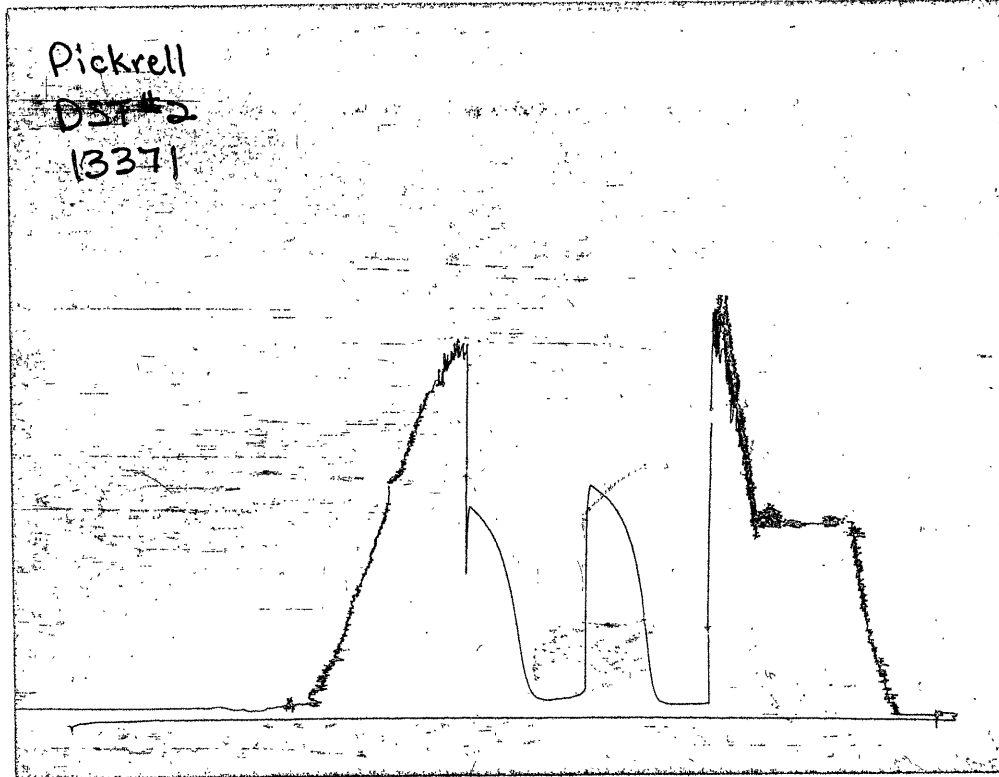
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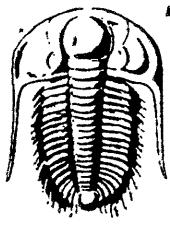
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CHART PAGE

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No 15227

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Test Ticket

Well Name & No. Fringer A #1 Test No. 2 Date 12-11-02
 Company Pickrell Drilling Company Inc. Zone Tested Lans. G
 Address 100 S Main Ste 505 Wichita, KS. 67202-3738 Elevation 2740 KB 2735 GL
 Co. Rep / Geo. Paul Gunzelman Cont. Murfin #3 Est. Ft. of Pay Por. %
 Location: Sec. B Twp. 4^S Rge. 28^W Co. Decatur State KS.
 No. of Copies Distribution Sheet (Y, N) Turnkey (Y, N) Evaluation (Y, N)

Interval Tested 3926 - 3952 Initial Str Wt./Lbs. 50,000 Unseated Str Wt./Lbs. 50,000
 Anchor Length 26' Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 60,000
 Top Packer Depth 3921 Tool Weight 2,000
 Bottom Packer Depth 3926 Hole Size — 7 7/8" Rubber Size — 6 3/4"
 Total Depth 3952 Wt. Pipe Run Drill Collar Run 486'
 Mud Wt. 9.1 LCM Vis. 56 WL 8.0 Drill Pipe Size 4 1/2" XH Ft. Run 3432'
 Blow Description IF: Weak 1/4" blow decreased to surface @ final
 ISI:
 FF: No return blow.
 FSI:

Recovery — Total Feet GIP Ft. in DC 10' Ft. in DP

Rec.	Feet Of	%gas	%oil	%water	%mud
Rec. <u>10'</u>	Feet Of <u>Slightly DCM</u>				
Rec. <u> </u>	Feet Of <u> </u>				
Rec. <u> </u>	Feet Of <u> </u>				
Rec. <u> </u>	Feet Of <u> </u>				

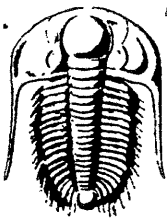
BHT 116° °F Gravity °API D@ °F Corrected Gravity °API
 RW @ °F Chlorides ppm Recovery Chlorides 1,200 ppm System

	AK-1	Alpine	PSI Recorder No.	T-On Location
(A) Initial Hydrostatic Mud	<u>1919</u>	<u> </u>	<u>3030</u>	<u>1630</u>
(B) First Initial Flow Pressure	<u>12</u>	<u> </u>	(depth) <u> </u>	T-Started <u>1705</u>
(C) First Final Flow Pressure	<u>18</u>	<u> </u>	PSI Recorder No. <u>13371</u>	T-Open <u>1845</u>
(D) Initial Shut-In Pressure	<u>1185</u>	<u> </u>	(depth) <u>3947</u>	T-Pulled <u> </u>
(E) Second Initial Flow Pressure	<u>22</u>	<u> </u>	PSI Recorder No. <u> </u>	T-Out <u>0016</u>
(F) Second Final Flow Pressure	<u>26</u>	<u> </u>	(depth) <u> </u>	T-Off Location <u>0045</u>
(G) Final Shut-in Pressure	<u>1077</u>	<u> </u>	PSI Initial Opening <u>30</u>	Test <u> </u>
(Q) Final Hydrostatic Mud	<u>1905</u>	<u> </u>	PSI Initial Shut-in <u>60</u>	Jars <u> </u>

Final Flow 30 Safety Joint X
 Final Shut-in 60 Straddle
 Circ. Sub X N/C
 Sampler
 Extra Packer
 Elec. Rec. X
 Mileage 10 1 way
 Other
 TOTAL PRICE \$

TRILOBITE TESTING INC. 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 Paul Gunzelman
 Our Representative Rod Steinbrink



TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

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KCC WICHITA

15-039-20928-00-00

No 15228

Test Ticket

Well Name & No. Fringer A #1 Test No. 3 Date 12-12-02
 Company Pickrell Drilling Company Inc. Zone Tested Lans / KC. J
 Address 100 S Main Ste 505 Wichita, KS. 67202-3738 Elevation 2740 KB 2735 GL
 Co. Rep / Geo. Paul Gonzelman Cont. Murfin #3 Est. Ft. of Pay Por. %
 Location: Sec. 8 Twp. 4^S Rge. 28^W Co. Decatur State KS.
 No. of Copies Distribution Sheet (Y, N) Turnkey (Y, N) Evaluation (Y, N)

Interval Tested 3980 - 4018 Initial Str Wt./Lbs. 50,000 Unseated Str Wt./Lbs. 50,000
 Anchor Length 38' Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 60,000
 Top Packer Depth 3975 Tool Weight 2,000
 Bottom Packer Depth 3980 Hole Size — 7 7/8" Rubber Size — 6 3/4"
 Total Depth 4018 Wt. Pipe Run Drill Collar Run 486'
 Mud Wt. 9.1 LCM Vis. 55 WL 8.0 Drill Pipe Size 4 1/2" XH Ft. Run 3496'
 Blow Description IF: Weak 1/4" blow throughout.

FF: Weak 1/4" blow throughout.

Recovery — Total Feet 90' GIP Ft. in DC 90' Ft. in DP
 Rec. Feet Of %gas %oil %water %mud
 Rec. 60' Feet Of Free Oil %gas %oil %water %mud
 Rec. Feet Of %gas %oil %water %mud
 Rec. 30' Feet Of HOCM %gas 40 %oil %water 60 %mud
 Rec. Feet Of %gas %oil %water %mud
 BHT 12.1° °F Gravity 35 °API D@ 40° °F Corrected Gravity 37 °API
 RW 2 @ °F Chlorides ppm Recovery Chlorides 1,200 ppm System

	AK-1	Alpine	PSI	Recorder No.	T-On Location
(A) Initial Hydrostatic Mud	<u>1965</u>			<u>3030</u>	<u>1015</u>
(B) First Initial Flow Pressure	<u>13</u>			(depth) <u>3981</u>	T-Started <u>1114</u>
(C) First Final Flow Pressure	<u>30</u>			Recorder No. <u>13371</u>	T-Open <u>1252</u>
(D) Initial Shut-In Pressure	<u>1315</u>			(depth) <u>4013</u>	T-Pulled <u>1559</u>
(E) Second Initial Flow Pressure	<u>33</u>			Recorder No. <u> </u>	T-Out <u>1755</u>
(F) Second Final Flow Pressure	<u>46</u>			(depth) <u> </u>	T-Off Location <u>1900</u>
(G) Final Shut-in Pressure	<u>1299</u>			Initial Opening <u>30</u>	Test <u> </u>
(Q) Final Hydrostatic Mud	<u>1955</u>			Initial Shut-in <u>60</u>	Jars <u> </u>
				Final Flow <u>30</u>	Safety Joint <u>X</u>
				Final Shut-in <u>60</u>	Straddle <u> </u>
					Circ. Sub <u>X</u> <u>N/C</u>
					Sampler <u> </u>
					Extra Packer <u> </u>
					Elec. Rec. <u>X</u>
					Mileage <u>10</u> <u>1way</u>
					Other <u> </u>

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Approved By Paul Gonzelman

Our Representative Rod Steinbrink

TOTAL PRICE \$

15-129-20928-00-00

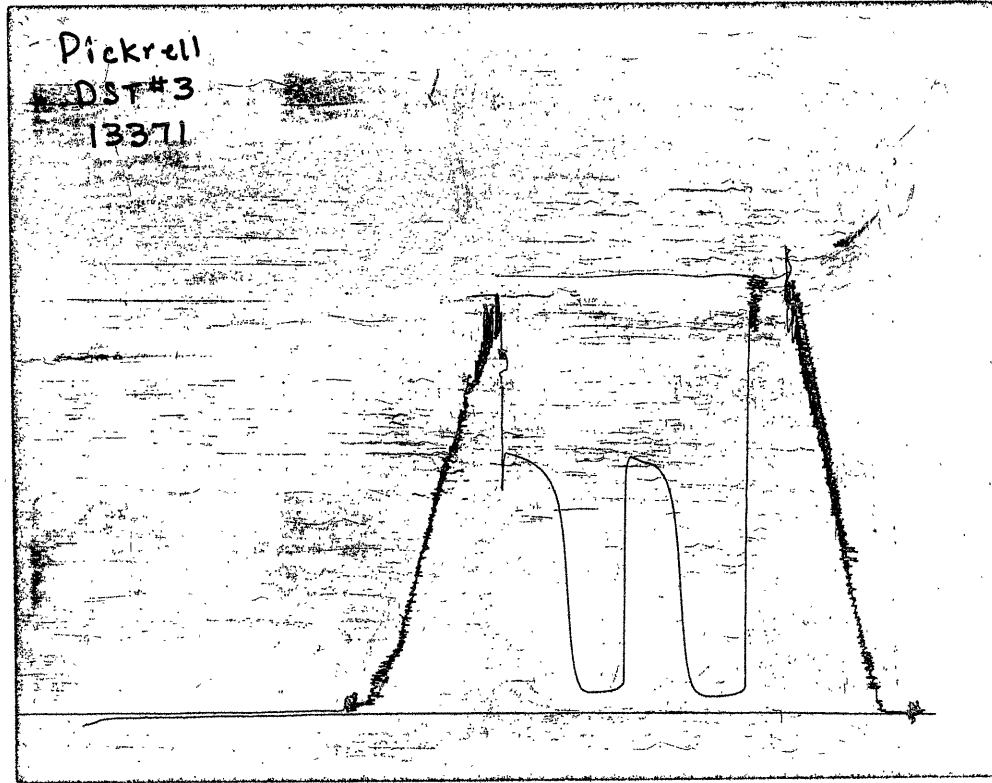
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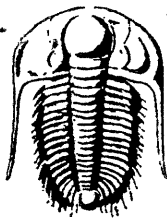
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CHART PAGE

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





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15-039-20928-00-00

No 15229

Test Ticket

Well Name & No. Fringer A #1 Test No. 4 Date 12-13-02
 Company Pickrell Drilling Company Inc. Zone Tested Lans / KC. K
 Address 100 S. Main Ste 505 Wichita, KS. 67202-3138 Elevation 2740 KB 2735 GL
 Co. Rep / Geo. Paul Gunzelman Cont. Murfin #3 Est. Ft. of Pay Por. %
 Location: Sec. 8 Twp. 4^s Rge. 28^w Co. Decatur State KS.
 No. of Copies Distribution Sheet (Y, N) Turnkey (Y, N) Evaluation (Y, N)

Interval Tested 4016 - 4060 Initial Str Wt./Lbs. 50,000 Unseated Str Wt./Lbs. 50,000
 Anchor Length 44' Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 60,000
 Top Packer Depth 4011 - 4016 Tool Weight 2,500
 Bottom Packer Depth 4060 Hole Size — 7 7/8" Rubber Size — 6 3/4"
 Total Depth (LTD) 4102 Wt. Pipe Run Drill Collar Run 486'
 Mud Wt. 9.1 LCM Vis. 55 WL 8.0 Drill Pipe Size 4 1/2" XH Ft. Run 3562'
 Blow Description IF: Weak 1/4" blow throughout.

FF: Weak blow in 5 mins. died in 55 mins.

Recovery — Total Feet	GIP	Ft. in DC	Ft. in DP
<u>120'</u>	<u> </u>	<u>120'</u>	<u> </u>
Rec. <u> </u> Feet Of <u> </u>	%gas	%oil	%water %mud
Rec. <u>60'</u> Feet Of <u>Drlg Mud</u>	%gas	%oil	%water %mud
Rec. <u> </u> Feet Of <u> </u>	%gas	%oil	%water %mud
Rec. <u>60'</u> Feet Of <u>MW</u>	%gas	%oil	<u>80</u> %water <u>20</u> %mud
Rec. <u> </u> Feet Of <u> </u>	%gas	%oil	%water %mud

BHT 126° °F Gravity °API D@ °F Corrected Gravity °API
 RW -20 @ 75° °F Chlorides 34,000 ppm Recovery Chlorides 1200 ppm System

	AK-1	Alpine	Recorder No.	T-On Location
(A) Initial Hydrostatic Mud	<u>2129</u> PSI	<u>3030</u>	<u>0900</u>	
(B) First Initial Flow Pressure	<u>16</u> PSI (depth)	<u>4017</u>	<u>1004</u>	
(C) First Final Flow Pressure	<u>43</u> PSI (depth)	<u>13276</u>	<u>1141</u>	
(D) Initial Shut-In Pressure	<u>1305</u> PSI (depth)	<u>4058</u>	<u>1553</u>	
(E) Second Initial Flow Pressure	<u>46</u> PSI (depth)	<u>13371</u>	<u>1808</u>	
(F) Second Final Flow Pressure	<u>74</u> PSI (depth)	<u>4097</u>	<u>1930</u>	
(G) Final Shut-in Pressure	<u>1256</u> PSI	Initial Opening <u>30</u>	Test <u> </u>	
(Q) Final Hydrostatic Mud	<u>1988</u> PSI	Initial Shut-in <u>60</u>	Jars <u> </u>	

Final Flow 60 Safety Joint X
 Final Shut-in 90 Straddle X
 Circ. Sub X N/C
 Sampler
 Extra Packer X
 Elec. Rec. X
 Mileage 10 1 way
 Other
 TOTAL PRICE \$

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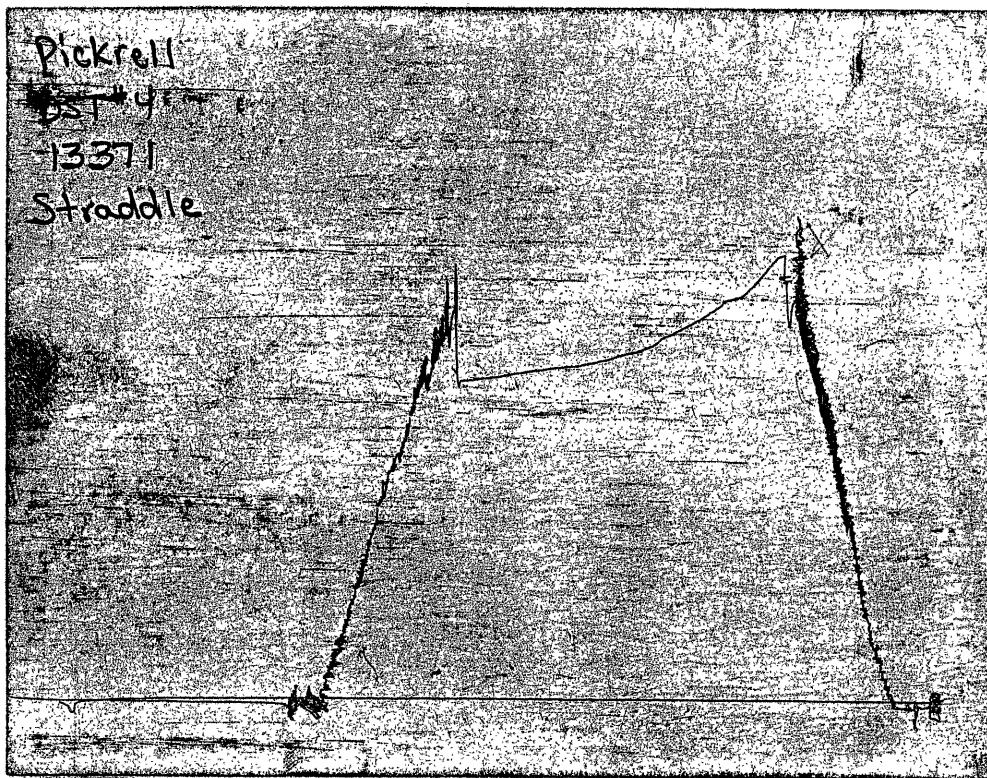
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CHART PAGE

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