

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

1-2409

WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 4767
 Name: Ritchie Exploration, Inc.
 Address: P.O. Box 783188
 City/State/Zip: Wichita, KS 67278-3188
 Purchaser: NCRA
 Operator Contact Person: John Niernberger
 Phone: (316) 691-9500
 Contractor: Name: Murfin Drilling Co., Inc.
 License: 30606
 Wellsite Geologist: Roger Fisher
 Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)
 If Workover/Re-entry: Old Well Info as follows:
 Operator: _____
 Well Name: _____
 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. _____

<u>10/27/06</u>	<u>11/6/06</u>	<u>11/6/06</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

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API No. 15 - 101-21976-0000
 County: Lane
20W S/2 N/2 NW Sec. 33 Twp. 17S S. R. 30 East West
990 feet from S N (circle one) Line of Section
1300 feet from E NW (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE NW SW
 Lease Name: Sharp 33B Well #: 2
 Field Name: _____
 Producing Formation: Altamont
 Elevation: Ground: 2870 Kelly Bushing: 2881
 Total Depth: 4595 Plug Back Total Depth: 4545
 Amount of Surface Pipe Set and Cemented at 229 Feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set 2206 Feet
 If Alternate II completion, cement circulated from 2206
 feet depth to surface w/ 390 sx cmf.
 Drilling Fluid Management Plan Alt II NH 9-16-08
 (Data must be collected from the Reserve Pit)
 Chloride content 14700 ppm Fluid volume 490 bbls
 Dewatering method used evaporation
 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: _____
 Title: Production Manager Date: 1/24/07
 Subscribed and sworn to before me this 24th day of January
20 07
 Notary Public: Debra K. Phillips
 Date Commission Expires: 5/4/07

DEBRA K. PHILLIPS
Notary Public - State of Kansas
My Appt. Expires 5/4/07

KCC Office Use ONLY

Y Letter of Confidentiality Received
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

Operator Name: Ritchie Exploration, Inc. Lease Name: Sharp 33B Well #: 2
 Sec. 33 Twp. 17S S. R. 30 East West County: Lane

INSTRUCTIONS: Show important 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)

Log Formation (Top), Depth and Datum Sample
 Name Top Datum

List All E. Logs Run:
 Dual Induction Log
 Compensated Density/Neutron Log

SEE ATTACHED
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Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12-1/4	8-5/8	24	229	common	170	3%cc, 2% gel
Production	7-7/8	4-1/2	10.5	4589	60/40 pozmix	235	2% gel, 10% salt, 3/4% CD-31

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing				
___ Plug Back TD				
___ Plug Off Zone				

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
4	4364' - 4368'	750 gals 15% NE	

TUBING RECORD Size 2-3/8 Set At 4512 Packer At _____ Liner Run Yes No

Date of First, Resumerd Production, SWD or Enhr. 11/30/06 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours Oil 97 Bbls. Gas 3 Mcf Water 3 Bbls. Gas-Oil Ratio _____ Gravity 37.5

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



#2 Sharp 33B

990' FNL & 1300' FWL

20' W of S/2 N/2 NW Section 33-17S-30W

Lane County, Kansas

API# 15-101-21976-0000

Elevation: 2870' GL, 2881' KB

<u>Sample Tops</u>			<u>Ref. Well</u>
Anhydrite	2239'	+642	-1
B/Anhydrite	2259'	+622	-1
Heebner	3905'	-1024	-6
Lansing	3946'	-1065	-6
Lansing "I" zone	4160'	-1279	-1
Lansing "J" zone	4184'	-1303	+1
Lansing "L" zone	4258'	-1377	+1
BKC	4295'	-1414	flat
Altamont	4346'	-1465	+2
Cherokee	4483'	-1602	-2
Johnson	4521'	-1640	-1
Mississippian	4551'	-6170	-15
RTD	4595'	-1714	

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#2 Sharp 33B

990' FNL & 1300' FWL

20' W of S/2 N/2 NW Section 33-17S-30W

Lane County, Kansas

API# 15-101-21976-0000

Elevation: 2870' GL, 2881' KB

<u>Sample Tops</u>			<u>Ref.</u>	<u>Well</u>
Anhydrite	2239'	+642	-1	
B/Anhydrite	2259'	+622	-1	
Heebner	3905'	-1024	-6	
Lansing	3946'	-1065	-6	
Lansing "I" zone	4160'	-1279	-1	
Lansing "J" zone	4184'	-1303	+1	
Lansing "L" zone	4258'	-1377	+1	
BKC	4295'	-1414	flat	
Altamont	4346'	-1465	+2	
Cherokee	4483'	-1602	-2	
Johnson	4521'	-1640	-1	
Mississippian	4551'	-6170	-15	
RTD	4595'	-1714		

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JAN 25 2007
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ALLIED CEMENTING CO., INC. 25381

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

SERVICE POINT:
Oakley

DATE <u>10-27-06</u>	SEC <u>33</u>	TWP <u>17s</u>	RANGE <u>30w</u>	CALLED OUT	ON LOCATION <u>4:30 PM</u>	JOB START <u>5:00 PM</u>	JOB FINISH <u>5:15 PM</u>
LEASE <u>Sharp 33B</u>	WELL # <u>2</u>	LOCATION <u>SCOTT CITY 19 E. 3 1/2 N B 10</u>			COUNTY <u>Lane</u>	STATE <u>KS</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)							

CONTRACTOR Murfin Drlg Rig 21 OWNER Same

TYPE OF JOB Surface
 HOLE SIZE 12 1/4 T.D. 221'
 CASING SIZE 8 5/8 DEPTH 220'
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG. 1.5'
 PERFS.
 DISPLACEMENT 13 Bbls

CEMENT AMOUNT ORDERED
170 sks com 30cc 270 gel

COMMON	<u>170 sks</u>	@ <u>12.20</u>	<u>2074.00</u>
POZMIX		@	
GEL	<u>3 sks</u>	@ <u>16.65</u>	<u>49.95</u>
CHLORIDE	<u>6 sks</u>	@ <u>46.60</u>	<u>279.60</u>
ASC		@	

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EQUIPMENT
 PUMP TRUCK CEMENTER Dean
 # 386-281 HELPER Andrew
 BULK TRUCK
 # 218 DRIVER Darrin
 BULK TRUCK
 # DRIVER

HANDLING 170 sks @ 1.90 340.10
 MILEAGE 94.57 mile 966.60
 TOTAL 370.25

REMARKS:

Cement in cellar.
Thank you

SERVICE

DEPTH OF JOB
 PUMP TRUCK CHARGE 815.00
 EXTRA FOOTAGE @
 MILEAGE 60.00 @ 6.00 360.00
 MANIFOLD @

CHARGE TO: Ritchie Exploration Inc
 STREET
 CITY STATE ZIP

TOTAL 1175.00

RECEIVED PLUG & FLOAT EQUIPMENT

JAN 25 2007

KCC WICHITA

To Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX
 TOTAL CHARGE
 DISCOUNT IF PAID IN 30 DAYS

SIGNATURE Juan Tinoco

Juan Tinoco
 PRINTED NAME

ALLIED CEMENTING CO., INC. 25436

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

SERVICE POINT:
Oakley, KS

DATE <u>11-6-06</u>	SEC. <u>33</u>	TWP. <u>17S</u>	RANGE <u>30W</u>	CALLED OUT	ON LOCATION <u>3:30am</u>	JOB START <u>8:15am</u>	JOB FINISH <u>10:30am</u>
LEASE <u>Sharp 33-B</u>	WELL# <u>2</u>	LOCATION <u>Healy 2w-3w - 1/4 E 1/4 NW</u>		COUNTY <u>Lane</u>	STATE <u>Ks</u>		
OLD OR NEW (Circle one)							

CONTRACTOR MURKIN # 21 OWNER same

TYPE OF JOB Production String

HOLE SIZE 7 7/8 I.D. 4598' CEMENT

CASING SIZE 4 1/2 DEPTH 4592 AMOUNT ORDERED 260 SKS 60/40

TUBING SIZE DEPTH 109 casing 29 casing 7/4 of 190

DRILL PIPE DEPTH CD-31 1/4 of 190 deformer

TOOL DEPTH 500 WFR II

PRES. MAX MINIMUM COMMON 156 @ 12²⁰ 1903³⁰

MEAS. LINE SHOE JOINT 18' POZMIX 104 @ 6¹⁰ 634⁴⁰

CEMENT LEFT IN CSG. 18' GEL 4 @ 16⁶⁵ 66⁶⁰

PERFS. CHLORIDE @

DISPLACEMENT 72.7 BBLs ASC @

EQUIPMENT

PUMP TRUCK CEMENTER Tuzzy

102 HELPER Tarrod

BULK TRUCK

218 DRIVER Larry

BULK TRUCK

DRIVER

SALT 14 cut @ 19²⁰ 268⁰⁰

CD-31 167 # @ 7⁵⁰ 1252⁵⁰

Deformer SS @ 7²⁰ 396⁰⁰

WFR-II 500 SK @ 1⁰⁰ 500⁰⁰

HANDLING 296 @ 1⁹⁰ 562⁴⁰

MILEAGE 109.5 SK + mile 1598⁴⁰

TOTAL 7782³⁰

REMARKS:

Mix 500 gal WFR II

Mix 10 SKS MH

Mix 15 SKS RH

Mix 23 SKS down csg. was

out pump + lines. Displace plus

to insert. 500 # left

1000 # land and float held

plug down @ 10:20am

THANKS Tuzzy + crew

SERVICE

DEPTH OF JOB 4592'

PUMP TRUCK CHARGE 1750⁰⁰

EXTRA FOOTAGE @

MILEAGE 60 @ 6⁰⁰ 360⁰⁰

MANIFOLD + Head @ 100⁰⁰

TOTAL 2210⁰⁰

CHARGE TO: Ritchie Exploration

STREET

CITY RECEIVED ZIP

JAN 25 2007

KCC WICHITA

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

PLUG & FLOAT EQUIPMENT

1- Port Co (11A) (B) 1600⁰⁰

1- Guideshoe @ 125⁰⁰

1- AFU Inso.t @ 215⁰⁰

7- Turbolizers @ 55⁰⁰ 385⁰⁰

2- Baskets @ 130⁰⁰ 260⁰⁰

1- Basket (B) @ 130⁰⁰

1- rubber plug 45⁰⁰

TOTAL 2760⁰⁰

TAX

TOTAL CHARGE

DISCOUNT IF PAID IN 30 DAYS

SIGNATURE Guy Rowe

PRINTED NAME

1.1 -

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ALLIED CEMENTING CO., INC. 25438

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

SERVICE POINT:
Oakley, KS

DATE <u>11-9-06</u>	SEC <u>35</u>	TWP <u>17S</u>	RANGE <u>30W</u>	CALLED OUT	ON LOCATION <u>1:00pm</u>	JOB START <u>1:30pm</u>	JOB FINISH <u>2:30pm</u>
LEASE <u>Sharp</u>	WELL# <u>38-B</u>	LOCATION <u>Hardy 2w-3s-11/4E</u>	COUNTY <u>Lane</u>	STATE <u>Ks</u>			
OLD OR NEW (Circle one) <u>2</u>							

CONTRACTOR Plains Well Services OWNER same

TYPE OF JOB Port Collar

HOLE SIZE	T.D.	CEMENT
CASING SIZE <u>4 1/2</u>	DEPTH	AMOUNT ORDERED <u>475 sacks 60/40</u>
TUBING SIZE <u>2 3/8</u>	DEPTH <u>2206'</u>	<u>690 gel 114 # 66-sal</u>
DRILL PIPE	DEPTH	<u>(used 390 sts)</u>
TOOL	DEPTH	
PRES. MAX	MINIMUM	COMMON <u>234 @ 12²⁰</u> <u>2854⁸⁰</u>
MEAS. LINE	SHOE JOINT	POZMIX <u>156 @ 6¹⁰</u> <u>951⁶⁰</u>
CEMENT LEFT IN CSG.		GEL <u>20 @ 16⁶²</u> <u>333⁹⁰</u>
PERFS.		CHLORIDE @
DISPLACEMENT <u>8.6 BALS</u>		ASC @

EQUIPMENT		<u>fl0-sal 98# @ 2⁰⁰</u> <u>196⁰⁰</u>
PUMP TRUCK CEMENTER <u>Fuzzy</u>		@
# <u>102</u> HELPER <u>Jarrod</u>		@
BULK TRUCK		@
# <u>394</u> DRIVER <u>Lonnie</u>		@
BULK TRUCK		@
# <u>381</u> DRIVER		@
HANDLING <u>514 @ 1⁹⁰</u> <u>976⁶⁰</u>		
MILEAGE <u>.09 x 524 mile</u> <u>2775⁰⁰</u>		
TOTAL		<u>8087⁶⁰</u>

REMARKS:
Press tool to 1200# + hold
establish circulation
mix 390 - #s cement
Displace 8 BALS. Close
Tool press to 1200# + hold
run 4 hrs. Reverse to
clean. Job complete at 2:45pm
THANKS Fuzzy + crew

SERVICE	
DEPTH OF JOB	<u>2206'</u>
PUMP TRUCK CHARGE	<u>955⁰⁰</u>
EXTRA FOOTAGE	@
MILEAGE <u>60 @ 6⁰⁰</u>	<u>360⁰⁰</u>
MANIFOLD	@
	@
	@
TOTAL	<u>1315⁰⁰</u>

CHARGE TO: Ridchie Exploration
 STREET _____
 CITY _____ STATE **RECEIVED**

JAN 25 2007
KCC WICHITA

To Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

PLUG & FLOAT EQUIPMENT

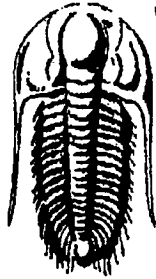
 TOTAL _____

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SIGNATURE Thomas A. A.

TAX _____
 TOTAL CHARGE _____
 DISCOUNT _____ IF PAID IN 30 DAYS

PRINTED NAME Tom



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Ritchie Exploration Inc**

PO Box 783188
Wichita KS 67278

ATTN: Roger Fisher

33 17 30 Lane KS

Sharp 33B #2

Start Date: 2006.11.01 @ 07:15:47

End Date: 2006.11.01 @ 15:25:56

Job Ticket #: 25529 DST #: 1

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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

Ritchie Exploration Inc
 PO Box 783188
 Wichita KS 67278
 ATTN: Roger Fisher

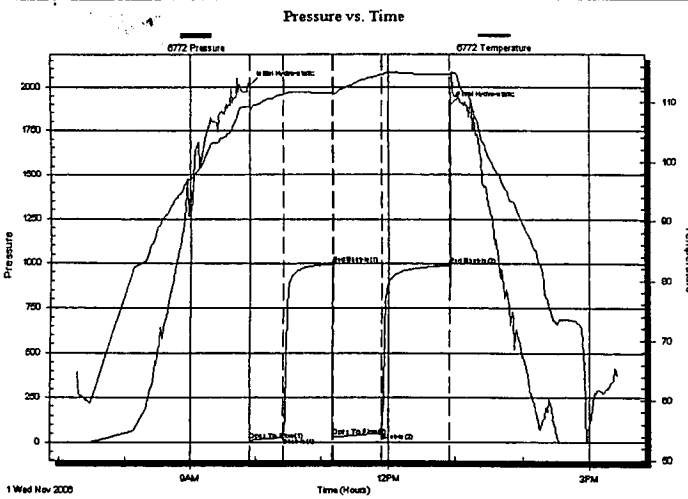
Sharp 33B #2
33 17 30 Lane KS
 Job Ticket: 25529 **DST#: 1**
 Test Start: 2006.11.01 @ 07:15:47

GENERAL INFORMATION:

Formation: **LKC-I**
 Deviated: **No Whipstock:** **ft (KB)**
 Time Tool Opened: 09:54:42
 Time Test Ended: 15:25:56
 Interval: **4145.00 ft (KB) To 4177.00 ft (KB) (TVD)**
 Total Depth: **4177.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Good**
 Test Type: **Conventional Bottom Hole**
 Tester: **Brandon Turley**
 Unit No: **35**
 Reference Elevations: **2880.00 ft (KB)**
 2870.00 ft (CF)
 KB to GR/CF: **10.00 ft**

Serial #: 6772 Inside
 Press@RunDepth: **54.90 psig @ 4146.00 ft (KB)**
 Start Date: **2006.11.01 End Date: 2006.11.01**
 Start Time: **07:15:47 End Time: 15:25:56**
 Capacity: **7000.00 psig**
 Last Calib.: **2006.11.01**
 Time On Btm: **2006.11.01 @ 09:54:27**
 Time Off Btm: **2006.11.01 @ 12:55:41**

TEST COMMENT: IF Surface blow built to 4 in 30 min.
 IS No return
 FF Surface blow built to 5 in 45 min.
 FS No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2009.38	109.15	Initial Hydro-static
1	13.31	108.71	Open To Flow (1)
31	29.61	111.41	Shut-In(1)
75	997.09	111.65	End Shut-In(1)
76	32.99	111.46	Open To Flow(2)
120	54.90	114.62	Shut-In(2)
181	989.31	114.64	End Shut-In(2)
182	1896.70	114.89	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	OCM 20%O 80%M	0.15
90.00	GO 10%G 90%O	0.44

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Ritchie Exploration Inc

Sharp 33B #2

PO Box 783188
Wichita KS 67278

33 17 30 Lane KS

Job Ticket: 25529

DST#:1

ATTN: Roger Fisher

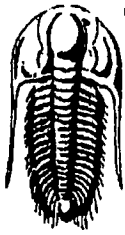
Test Start: 2006.11.01 @ 07:15:47

Tool Information

Drill Pipe:	Length: 3977.00 ft	Diameter: 3.80 inches	Volume: 55.79 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 178.00 ft	Diameter: 2.25 inches	Volume: 0.88 bbl	Weight to Pull Loose: 88000.00 lb
			<u>Total Volume: 56.67 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 68000.00 lb
Depth to Top Packer:	4145.00 ft			Final 68000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	32.00 ft			
Tool Length:	52.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Stubb	1.00			4126.00	
Shut In Tool	5.00			4131.00	
Hydraulic tool	5.00			4136.00	
Packer	5.00			4141.00	20.00 Bottom Of Top Packer
Packer	4.00			4145.00	
Stubb	1.00			4146.00	
Recorder	0.00	6772	Inside	4146.00	
Perforations	26.00			4172.00	
Recorder	0.00	7437	Outside	4172.00	
Bullnose	5.00			4177.00	32.00 Bottom Packers & Anchor
Total Tool Length:	52.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Ritchie Exploration Inc

Sharp 33B #2

PO Box 783188
Wichita KS 67278

33 17 30 Lane KS

Job Ticket: 25529

DST#: 1

ATTN: Roger Fisher

Test Start: 2006.11.01 @ 07:15:47

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

36 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbf

Water Loss: 6.36 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2600.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
30.00	OCM 20%O 80%M	0.148
90.00	GO 10%G 90%O	0.443

Total Length: 120.00ft Total Volume: 0.591 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

DST Test Number: 1

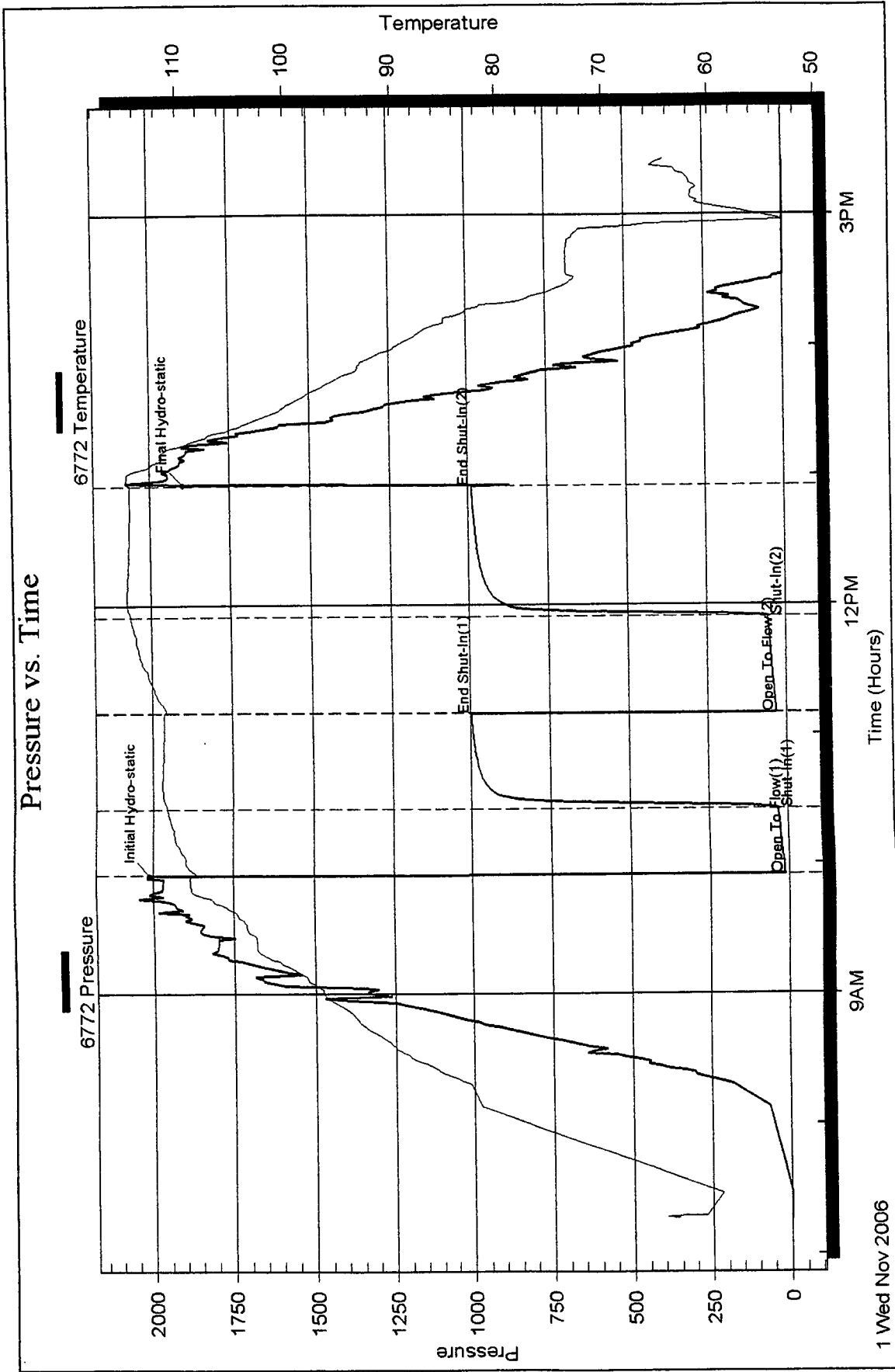
33 17 30 Lane KS

Ritchie Exploration Inc

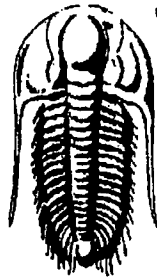
Inside

Serial #: 6772

Pressure vs. Time



1 Wed Nov 2006



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Ritchie Exploration Inc**

PO Box 783188
Wichita KS 67278

ATTN: Roger Fisher

33 17 30 Lane KS

Sharp 33B #2

Start Date: 2006.11.01 @ 23:30:46

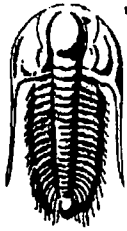
End Date: 2006.11.02 @ 07:02:10

Job Ticket #: 25530 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Ritchie Exploration Inc

Sharp 33B #2

PO Box 783188
Wichita KS 67278

33 17 30 Lane KS

Job Ticket: 25530

DST#: 2

ATTN: Roger Fisher

Test Start: 2006.11.01 @ 23:30:46

GENERAL INFORMATION:

Formation: **LKC- J**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:23:41

Time Test Ended: 07:02:10

Test Type: Conventional Bottom Hole

Tester: Brandon Turley

Unit No: 35

Interval: **4179.00 ft (KB) To 4199.00 ft (KB) (TVD)**

Total Depth: 4199.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2880.00 ft (KB)

2870.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 6772

Inside

Press@RunDepth: 124.74 psig @ 4180.00 ft (KB)

Start Date: 2006.11.01

End Date:

2006.11.02

Capacity: 7000.00 psig

Last Calib.: 2006.11.02

Start Time: 23:30:46

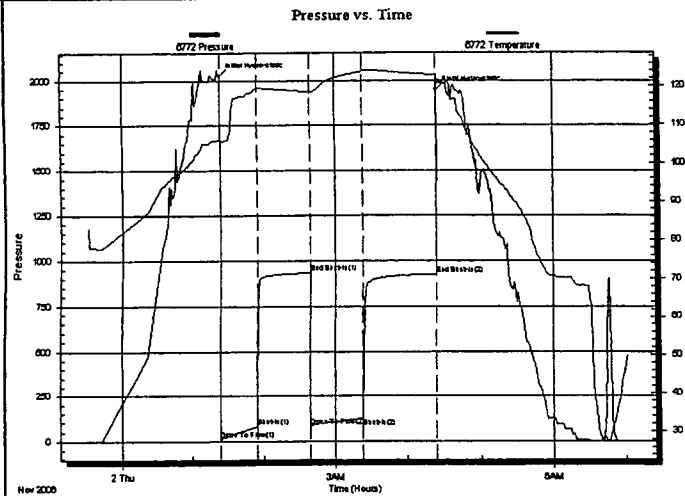
End Time:

07:02:10

Time On Btm: 2006.11.02 @ 01:23:26

Time Off Btm: 2006.11.02 @ 04:24:10

TEST COMMENT: IF 1/4 blow built to 5 in 30 min.
IS No return
FF 1/4 blow built to 7 in 45 min.
FS No return



PRESSURE SUMMARY

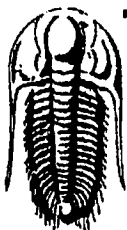
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2024.40	106.08	Initial Hydro-static
1	12.59	105.50	Open To Flow (1)
31	79.80	119.36	Shut-In(1)
76	934.53	118.70	End Shut-In(1)
77	83.21	118.51	Open To Flow (2)
120	124.74	123.75	Shut-In(2)
181	927.28	122.80	End Shut-In(2)
181	1945.43	123.10	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	MCW 80%W 20%M	0.59
120.00	MCW 60%W 40%M	1.15
62.00	MCO 95%O 5%M	0.87

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Ritchie Exploration Inc

Sharp 33B #2

PO Box 783188
Wichita KS 67278

33 17 30 Lane KS

Job Ticket: 25530

DST#: 2

ATTN: Roger Fisher

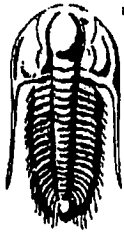
Test Start: 2006.11.01 @ 23:30:46

Tool Information

Drill Pipe:	Length: 4008.00 ft	Diameter: 3.80 inches	Volume: 56.22 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 178.00 ft	Diameter: 2.25 inches	Volume: 0.88 bbl	Weight to Pull Loose: 90000.00 lb
			Total Volume: 57.10 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	4179.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	20.00 ft			
Tool Length:	40.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum: Lengths
Stubb	1.00			4160.00	
Shut In Tool	5.00			4165.00	
Hydraulic tool	5.00			4170.00	
Packer	5.00			4175.00	20.00 Bottom Of Top Packer
Packer	4.00			4179.00	
Stubb	1.00			4180.00	
Recorder	0.00	6772	Inside	4180.00	
Perforations	14.00			4194.00	
Recorder	0.00	7437	Outside	4194.00	
Bullnose	5.00			4199.00	20.00 Bottom Packers & Anchor
Total Tool Length:	40.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Ritchie Exploration Inc

Sharp 33B #2

PO Box 783188
Wichita KS 67278

33 17 30 Lane KS

Job Ticket: 25530

DST#: 2

ATTN: Roger Fisher

Test Start: 2006.11.01 @ 23:30:46

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

32 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

61000 ppm

Viscosity: 47.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.17 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3100.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
120.00	MCW 80%W 20%M	0.590
120.00	MCW 60%W 40%M	1.155
62.00	MCO 95%O 5%M	0.870

Total Length: 302.00 ft

Total Volume: 2.615 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

DST Test Number: 2

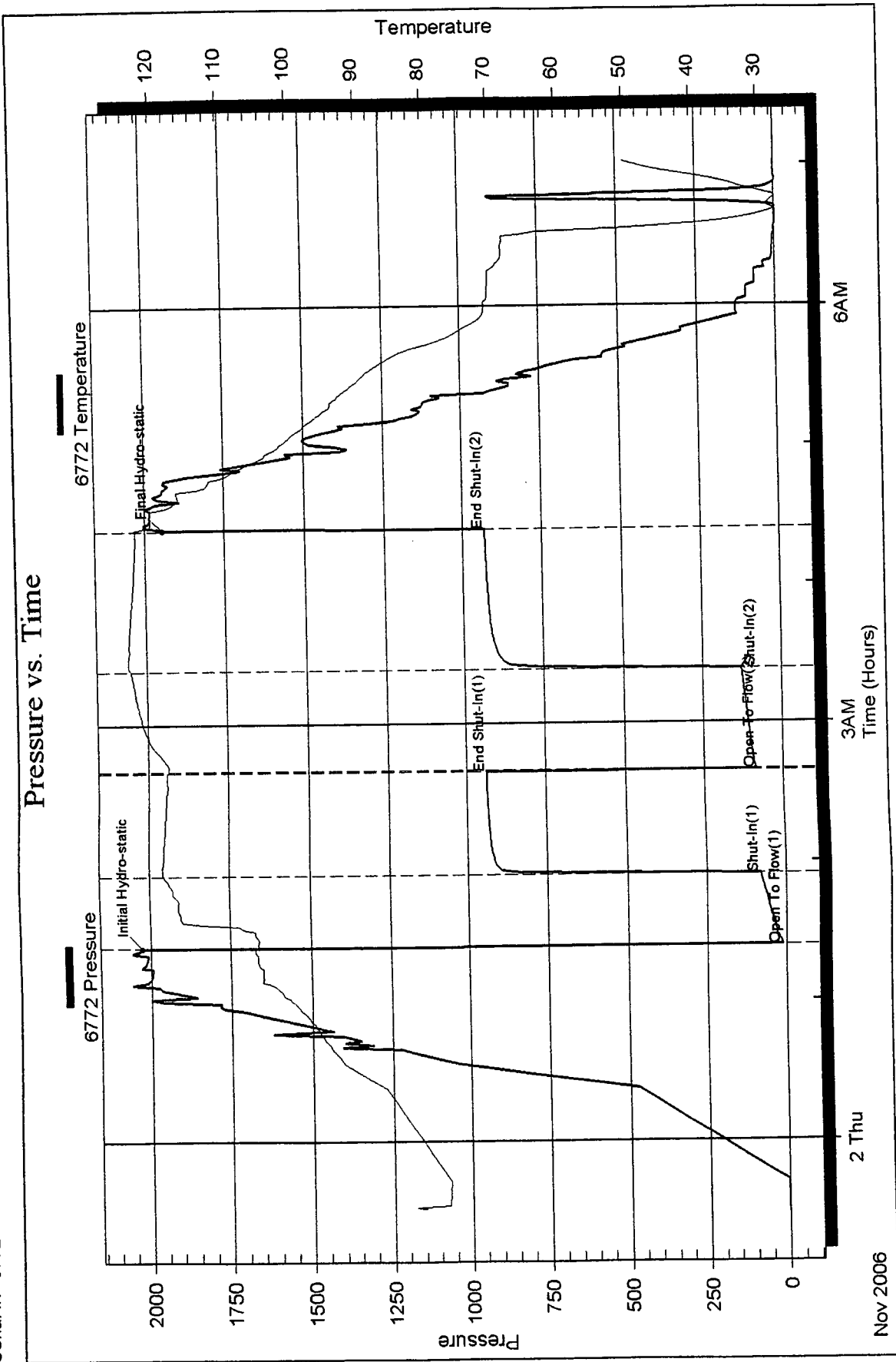
33 17 30 Lane KS

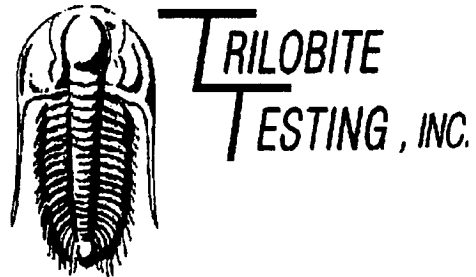
Richie Exploration Inc

Inside

Serial #: 6772

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Ritchie Exploration Inc**

PO Box 783188
Wichita KS 67278

ATTN: Roger Fisher

33 17 30 Lane KS

Sharp 33B #2

Start Date: 2006.11.02 @ 19:55:21

End Date: 2006.11.03 @ 03:43:30

Job Ticket #: 25531 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Ritchie Exploration Inc

Sharp 33B #2

PO Box 783188
Wichita KS 67278

33 17 30 Lane KS

ATTN: Roger Fisher

Job Ticket: 25531

DST#: 3

Test Start: 2006.11.02 @ 19:55:21

GENERAL INFORMATION:

Formation: **LKC-L**
Deviated: **No Whipstock:** ft (KB)
Time Tool Opened: **22:20:16**
Time Test Ended: **03:43:30**

Test Type: **Conventional Bottom Hole**
Tester: **Brandon Turley**
Unit No: **35**

Interval: **4247.00 ft (KB) To 4280.00 ft (KB) (TVD)**
Total Depth: **4280.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: **Good**

Reference Elevations: **2880.00 ft (KB)**
2870.00 ft (CF)
KB to GR/CF: **10.00 ft**

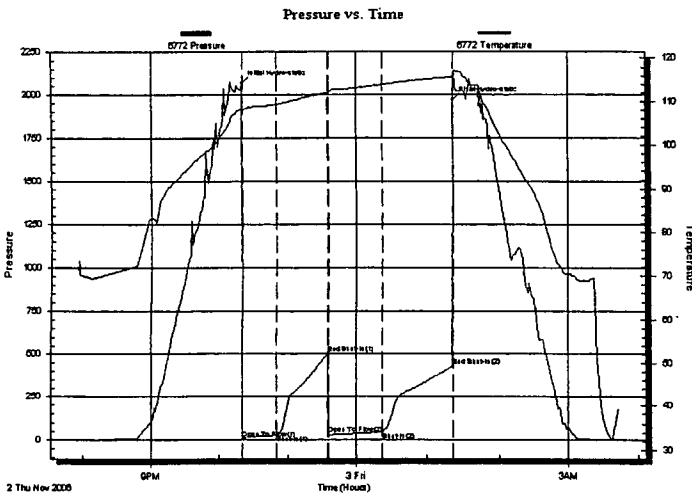
Serial #: 6772

Inside

Press@RunDepth: **46.19 psig @ 4248.00 ft (KB)**
Start Date: **2006.11.02** End Date: **2006.11.03**
Start Time: **19:55:21** End Time: **03:43:30**

Capacity: **7000.00 psig**
Last Calib.: **2006.11.03**
Time On Btm: **2006.11.02 @ 22:20:01**
Time Off Btm: **2006.11.03 @ 01:21:30**

TEST COMMENT: IF 1/4 blow built to 2 in 30 min.
IS No return
FF Surface blow built to 2 1/2 in 45 min.
FS No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2070.00	108.43	Initial Hydro-static
1	9.61	107.23	Open To Flow (1)
31	27.98	109.32	Shut-In(1)
76	502.83	111.94	End Shut-In(1)
76	33.75	112.00	Open To Flow (2)
122	46.19	113.88	Shut-In(2)
182	431.13	115.69	End Shut-In(2)
182	1969.57	116.45	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	OCM 20%O 80%M	0.15
60.00	GO 10%G 90%O	0.30

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Ritchie Exploration Inc
PO Box 783188
Wichita KS 67278
ATTN: Roger Fisher

Sharp 33B #2
33 17 30 Lane KS
Job Ticket: 25531 **DST#: 3**
Test Start: 2006.11.02 @ 19:55:21

Tool Information

Drill Pipe:	Length: 4071.00 ft	Diameter: 3.80 inches	Volume: 57.11 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 178.00 ft	Diameter: 2.25 inches	Volume: 0.88 bbl	Weight to Pull Loose: 90000.00 lb
			<u>Total Volume: 57.99 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	22.00 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	4247.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	33.00 ft			
Tool Length:	53.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Stubb	1.00			4228.00	
Shut In Tool	5.00			4233.00	
Hydraulic tool	5.00			4238.00	
Packer	5.00			4243.00	20.00 Bottom Of Top Packer
Packer	4.00			4247.00	
Stubb	1.00			4248.00	
Recorder	0.00	6772	Inside	4248.00	
Perforations	27.00			4275.00	
Recorder	0.00	7437	Outside	4275.00	
Bullnose	5.00			4280.00	33.00 Bottom Packers & Anchor
Total Tool Length:	53.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Ritchie Exploration Inc

Sharp 33B #2

PO Box 783188
Wichita KS 67278

33 17 30 Lane KS

Job Ticket: 25531

DST#: 3

ATTN: Roger Fisher

Test Start: 2006.11.02 @ 19:55:21

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

36 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.17 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2900.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	OCM 20%O 80%M	0.148
60.00	GO 10%G 90%O	0.295

Total Length: 90.00 ft Total Volume: 0.443 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

DST Test Number: 3

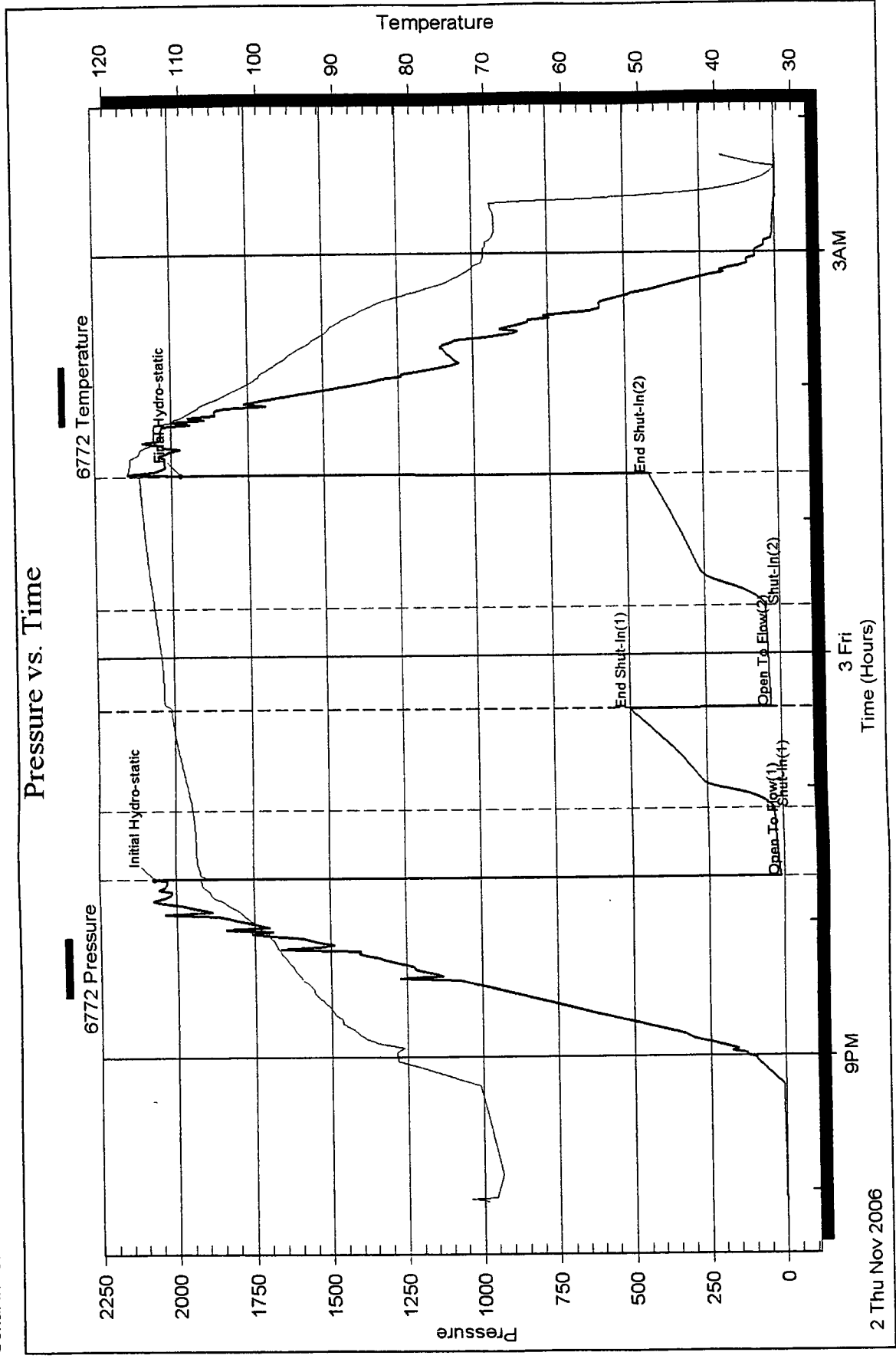
33 17 30 Lane KS

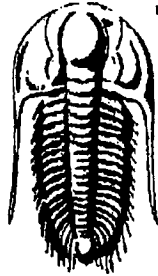
Richie Exploration Inc

Inside

Serial #: 6772

Pressure vs. Time





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Ritchie Exploration Inc**

PO Box 783188
Wichita KS 67278

ATTN: Roger Fisher

33 17 30 Lane KS

Sharp 33B #2

Start Date: 2006.11.03 @ 17:02:26

End Date: 2006.11.04 @ 00:44:20

Job Ticket #: 25532 DST #: 4

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

Printed: 2006.11.08 @ 13:54:00 Page 1

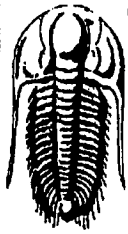
Ritchie Exploration Inc

Sharp 33B #2

33 17 30 Lane KS

US 1 # 4

ATTENTION



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Ritchie Exploration Inc

Sharp 33B #2

PO Box 783188
Wichita KS 67278

33 17 30 Lane KS

Job Ticket: 25532

DST#: 4

ATTN: Roger Fisher

Test Start: 2006.11.03 @ 17:02:26

GENERAL INFORMATION:

Formation: **Altamont**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:01:36

Time Test Ended: 00:44:20

Test Type: Conventional Bottom Hole

Tester: Brandon Turley

Unit No: 35

Interval: **4354.00 ft (KB) To 4373.00 ft (KB) (TVD)**

Reference Elevations: 2880.00 ft (KB)

Total Depth: 4373.00 ft (KB) (TVD)

2870.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 6772 Inside

Press@RunDepth: 688.00 psig @ 4355.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2006.11.03

End Date: 2006.11.04

Last Calib.: 2006.11.04

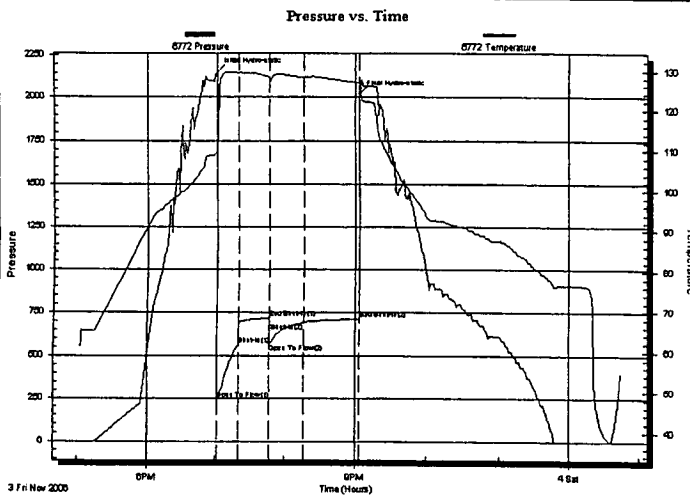
Start Time: 17:02:26

End Time: 00:44:20

Time On Btm: 2006.11.03 @ 19:01:21

Time Off Btm: 2006.11.03 @ 21:03:51

TEST COMMENT: IF BOB in 30 sec.
IS BOB in 25 min.
FF BOB in 3 min.
FS Surface blow built to 6 in 45 min.



PRESSURE SUMMARY

Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	2153.61	109.79	Initial Hydro-static
1	244.02	110.23	Open To Flow (1)
19	562.80	129.49	Shut-In(1)
46	717.62	128.40	End Shut-In(1)
46	565.15	128.30	Open To Flow (2)
75	688.00	128.35	Shut-In(2)
123	712.59	127.02	End Shut-In(2)
123	2021.88	125.34	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
178.00	MCO 10%G 70%O 20%M	0.88
868.00	GO 20%G 80%O	12.18
930.00	GO 10%G 90%O	13.05

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Ritchie Exploration Inc

Sharp 33B #2

PO Box 783188
Wichita KS 67278

33 17 30 Lane KS

Job Ticket: 25532

DST#: 4

ATTN: Roger Fisher

Test Start: 2006.11.03 @ 17:02:26

Tool Information

Drill Pipe:	Length: 4166.00 ft	Diameter: 3.80 inches	Volume: 58.44 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 178.00 ft	Diameter: 2.25 inches	Volume: 0.88 bbl	Weight to Pull Loose: 90000.00 lb
			<u>Total Volume: 59.32 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	4354.00 ft			Final 76000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	19.00 ft			
Tool Length:	39.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Stubb	1.00			4335.00	
Shut In Tool	5.00			4340.00	
Hydraulic tool	5.00			4345.00	
Packer	5.00			4350.00	20.00 Bottom Of Top Packer
Packer	4.00			4354.00	
Stubb	1.00			4355.00	
Recorder	0.00	6772	Inside	4355.00	
Perforations	13.00			4368.00	
Recorder	0.00	7437	Outside	4368.00	
Bullnose	5.00			4373.00	19.00 Bottom Packers & Anchor
Total Tool Length:	39.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Ritchie Exploration Inc

Sharp 33B #2

PO Box 783188
Wichita KS 67278

33 17 30 Lane KS

Job Ticket: 25532

DST#: 4

ATTN: Roger Fisher

Test Start: 2006.11.03 @ 17:02:26

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:

0 ppm

Viscosity: 59.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.77 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3400.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
178.00	MGO 10%G 70%O 20%M	0.875
868.00	GO 20%G 80%O	12.176
930.00	GO10%G 90%O	13.045

Total Length: 1976.00 ft

Total Volume: 26.096 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

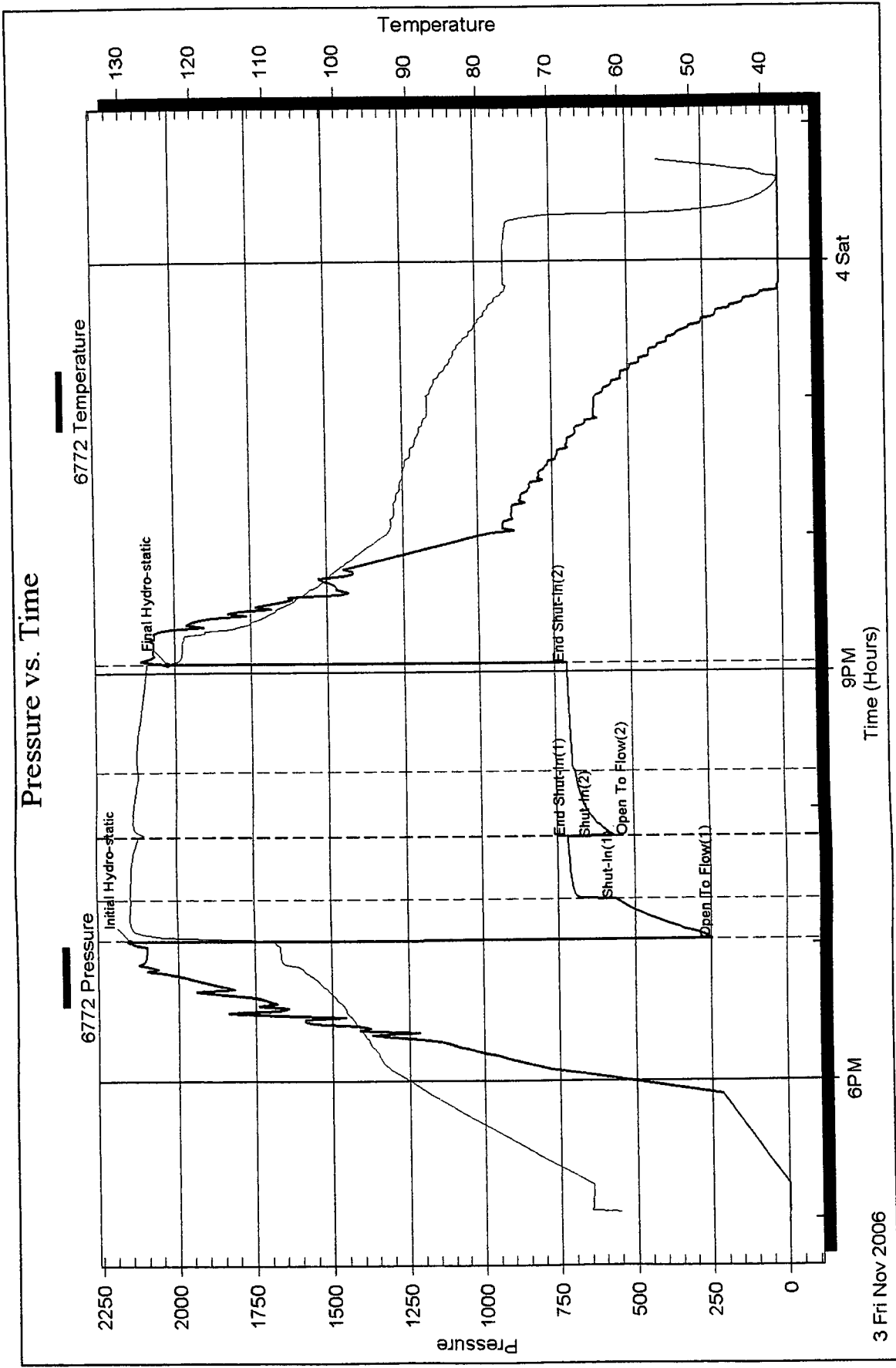
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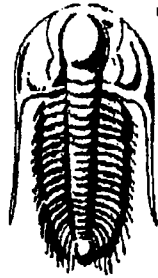
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Ritchie Exploration Inc**

PO Box 783188
Wichita KS 67278

ATTN: Roger Fisher

33 17 30 Lane KS

Sharp 33B #2

Start Date: 2006.11.04 @ 22:27:52

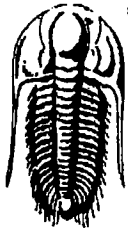
End Date: 2006.11.05 @ 05:22:01

Job Ticket #: 25533 DST #: 5

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Ritchie Exploration Inc

Sharp 33B #2

PO Box 783188
Wichita KS 67278

33 17 30 Lane KS

Job Ticket: 25533 **DST#: 5**

ATTN: Roger Fisher

Test Start: 2006.11.04 @ 22:27:52

GENERAL INFORMATION:

Formation: **Johnson**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 00:36:17
 Time Test Ended: 05:22:01

Test Type: Conventional Bottom Hole
 Tester: Brandon Turley
 Unit No: 35

Interval: **4480.00 ft (KB) To 4555.00 ft (KB) (TVD)**
 Total Depth: 4555.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2880.00 ft (KB)
 2870.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 6772 **Inside**

Press@RunDepth: 22.32 psig @ 4481.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2006.11.04

End Date:

2006.11.05

Last Calib.: 2006.11.05

Start Time: 22:27:52

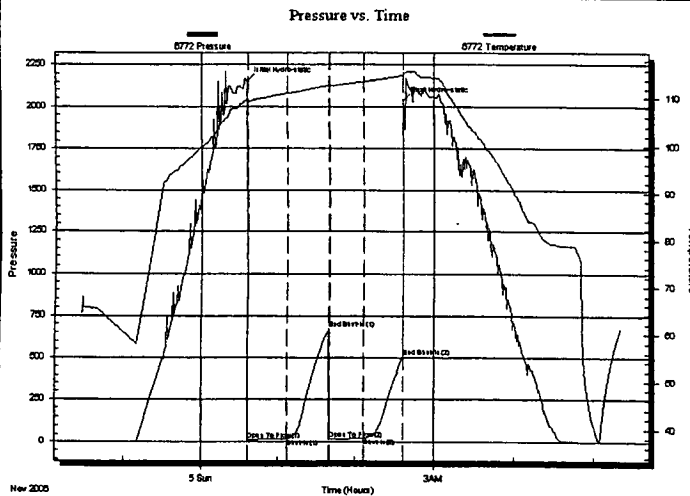
End Time:

05:22:01

Time On Btm: 2006.11.05 @ 00:36:02

Time Off Btm: 2006.11.05 @ 02:36:32

TEST COMMENT: IF 1/4 blow died in 18 min.
 IS No return
 FF No blow
 FS No return



PRESSURE SUMMARY

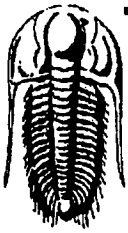
Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	2153.07	109.72	Initial Hydro-static
1	15.32	109.32	Open To Flow (1)
31	18.41	111.02	Shut-In(1)
64	671.11	112.76	End Shut-In(1)
64	19.82	112.58	Open To Flow (2)
91	22.32	113.67	Shut-In(2)
121	509.40	114.96	End Shut-In(2)
121	2032.86	115.74	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud some Oil spots 100%M	0.02

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Ritchie Exploration Inc

Sharp 33B #2

PO Box 783188
Wichita KS 67278

33 17 30 Lane KS

Job Ticket: 25533

DST#: 5

ATTN: Roger Fisher

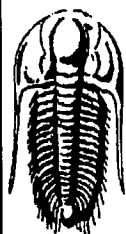
Test Start: 2006.11.04 @ 22:27:52

Tool Information

Drill Pipe:	Length: 4290.00 ft	Diameter: 3.80 inches	Volume: 60.18 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 178.00 ft	Diameter: 2.25 inches	Volume: 0.88 bbl	Weight to Pull Loose: 100000.0 lb
			Total Volume: 61.06 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial 76000.00 lb
Depth to Top Packer:	4480.00 ft			Final 76000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	75.00 ft			
Tool Length:	95.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Stubb	1.00			4461.00	
Shut In Tool	5.00			4466.00	
Hydraulic tool	5.00			4471.00	
Packer	5.00			4476.00	20.00 Bottom Of Top Packer
Packer	4.00			4480.00	
Stubb	1.00			4481.00	
Recorder	0.00	6772	Inside	4481.00	
Perforations	4.00			4485.00	
Change Over Sub	1.00			4486.00	
Drill Pipe	63.00			4549.00	
Change Over Sub	1.00			4550.00	
Recorder	0.00	7437	Outside	4550.00	
Bullnose	5.00			4555.00	75.00 Bottom Packers & Anchor

Total Tool Length: 95.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Ritchie Exploration Inc

Sharp 33B #2

PO Box 783188
Wichita KS 67278

33 17 30 Lane KS

Job Ticket: 25533

DST#: 5

ATTN: Roger Fisher

Test Start: 2006.11.04 @ 22:27:52

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 47.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3600.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud some Oil spots 100%M	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:

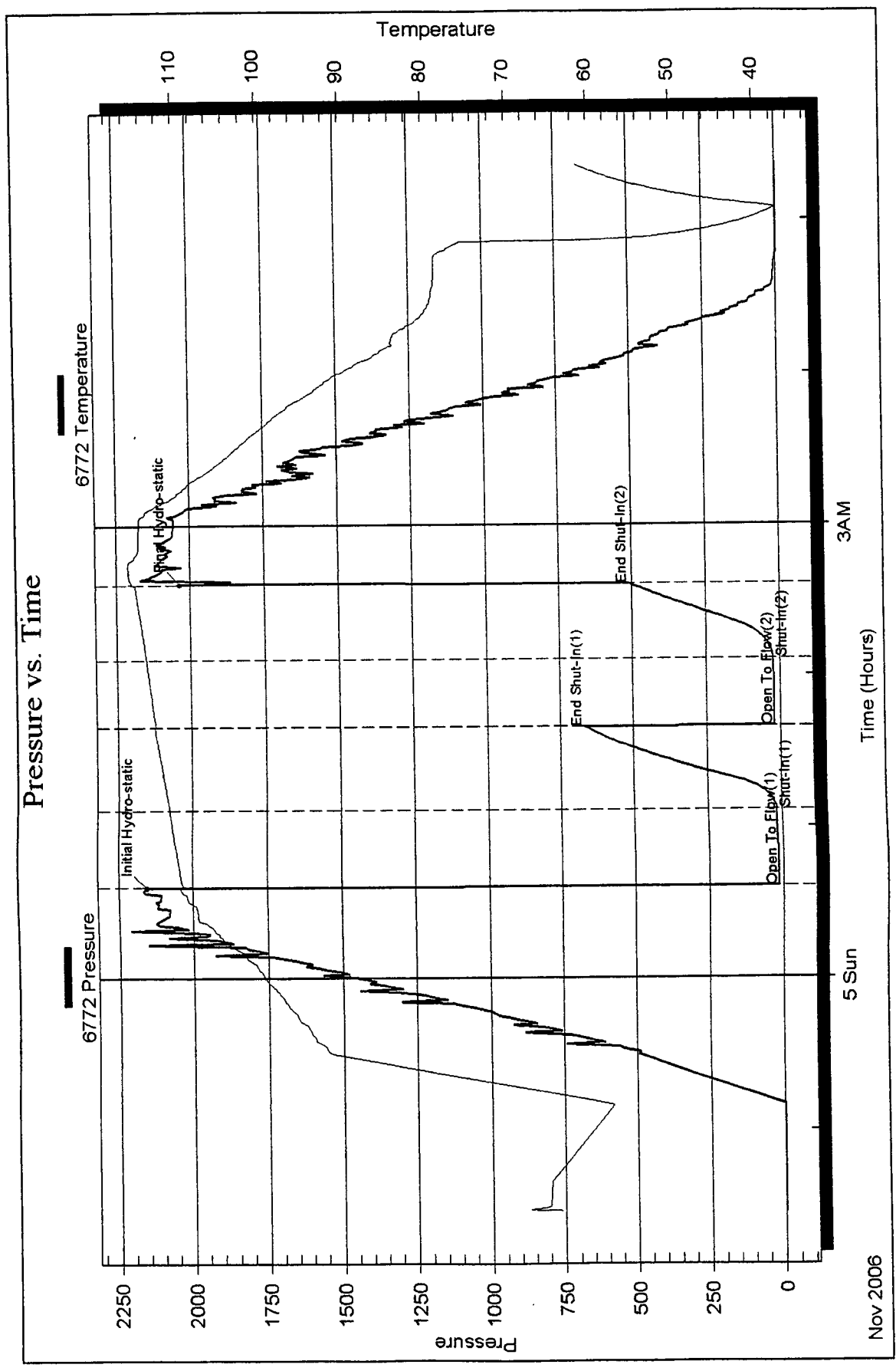
DST Test Number: 5

33 17 30 Lane KS

Inside Ritchie Exploration Inc

Serial #: 6772

Pressure vs. Time





1-24-09

January 24, 2007

KCC
JAN 24 2007
CONFIDENTIAL

State Corporation Commission
Conservation Division
130 S. Market, Room 2078
Wichita, KS 67202

RE: #2 Sharp 33B
Sec. 33-17S-30W
Lane County, Kansas

RECEIVED
JAN 25 2007
KCC WICHITA

To Whom It May Concern:

Enclosed please find an ACO-1 for the above referenced well. The required attachments have also been enclosed. Ritchie Exploration, Inc. would like for this to be held confidential for the maximum allowable time.

If you have any questions, please feel free to call the undersigned or John Niernberger at 316-691-9500. Thank you for all of your help in this matter.

Sincerely,

Debbie Phillips
Accounting Supervisor

dkp

Enclosures