



KANSAS CORPORATION COMMISSION 1047105
OIL & GAS CONSERVATION DIVISION

Form ACO-1

June 2009

Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., 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 Conv. to SWD
- Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - _____

Spot Description: _____

_____-_____-_____- Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that 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.

Submitted Electronically

KCC Office Use ONLY

- Letter of Confidentiality Received
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



1047105

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

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 complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> 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	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
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 <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR. _____ Producing Method: Flowing Pumping Gas Lift Other *(Explain)* _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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*Mark Parkinson, Governor
Thomas E. Wright, Chairman
Joseph F. Harkins, Commissioner
Ward Loyd, Commissioner*

December 09, 2010

Cassie Parks
FIML Natural Resources, LLC
410 17TH ST STE 900
DENVER, CO 80202-4420

Re: ACO1
API 15-171-20764-00-00
Pfenninger 1C-33-1831
NE/4 Sec.33-18S-31W
Scott County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
Cassie Parks



PO BOX 31 Russell, KS 67665

Voice: (785) 483-3887
Fax: (785) 483-5566

2347

RECEIVED
AUG 30 2010

INVOICE

Invoice Number: 124178
Invoice Date: Aug 23, 2010
Page: 1

Bill To:
FIML Natural Resources LLC
410 17th St., #900
Denver, CO 80202

Federal Tax I.D.#: 20-5975804

Pfenninger 1C-33-1831

Customer ID	Well Name# or Customer P.O.	Payment Terms
FIML	Pfenninger#8-C33-1831	Net 30 Days
Job Location	Camp Location	Due Date
KSI-01	Oakley	9/22/10

Quantity	Item	Description	Unit Price	Amount
240.00	MAT	Class A Common	15.45	3,708.00
5.00	MAT	Gel	20.80	104.00
8.00	MAT	Chloride	58.20	465.60
253.00	SER	Handling	2.40	607.20
55.00	SER	Mileage 253 sx @ .10 per sk pe rmi	25.30	1,391.50
1.00	SER	Surface	1,018.00	1,018.00
55.00	SER	Pump Truck Mileage	7.00	385.00
1.00	EQP	8.5/8 Plug	53.00	53.00
3.00	EQP	8.5/8 Centralizer	49.00	147.00
1.00	EQP	8.5/8 Texas Pattern Guide Shoe	258.00	258.00
1.00	EQP	8.5/8 AFU Insert	158.00	158.00

8100-145
John D. Baker

D100SS

Subtotal	8,295.30
Sales Tax	357.23
Total Invoice Amount	8,652.53
Payment/Credit Applied	
TOTAL	8,652.53

ALL PRICES ARE NET, PAYABLE 30 DAYS FOLLOWING DATE OF INVOICE. 1 1/2% CHARGED THEREAFTER. IF ACCOUNT IS CURRENT, TAKE DISCOUNT OF

\$ 1659.06

ONLY IF PAID ON OR BEFORE
Sep 17, 2010

- 1659.06
6993.47

ALLIED CEMENTING CO., LLC. 038982

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

Oakleys
8-24-10

DATE 8-23-10	SEC 33	TWP 18	RANGE 31	CALLED OUT	ON LOCATION 12.30pm	JOB START 2:30am	JOB FINISH 3:00am
LEASE Pfeumiser	WELL# 1-c-33	1831	LOCATION Scorcity c. 4008 Rd	COUNTY Scott	STATE KS		
OLD OR NEW (Circle one)				2" 25' sd sp			

CONTRACTOR Wanda #31 OWNER

TYPE OF JOB Surf core

HOLE SIZE 12 1/4 T.D. 396'

CASING SIZE 8 5/8 DEPTH 395'

TUBING SIZE DEPTH DEPTH

DRILL PIPE DEPTH DEPTH

TOOL DEPTH DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT

EQUIPMENT

PUMP TRUCK CEMENTER Fuzz

431 HELPER Killy

BULK TRUCK

347 DRIVER Dennis

BULK TRUCK DRIVER

REMARKS:

Cement did calculate

Approx 5 BBLs

Plug down @ 2:40am

Site held

Thanks Fuzz crew

CHARGE TO: FFJAL

STREET _____

CITY _____ STATE _____ ZIP _____

CEMENT

AMOUNT ORDERED 240 COM 370cc

270cc

COMMON 240 @ 1545 3708⁰⁰

POZMIX @

GEL @ 2080 104⁰⁰

CHLORIDE @ 5820 465⁰⁰

ASC @

HANDLING @ 40 607⁰⁰

MILEAGE .10494 mile @ 2 1391⁵⁰

TOTAL 6276³⁰

SERVICE

DEPTH OF JOB 396'

PUMP TRUCK CHARGE 1018⁰⁰

EXTRA FOOTAGE 96 @ .85 w/c

MILEAGE 55 @ 7⁰⁰ 385⁰⁰

MANIFOLD @ 1

TOTAL 1403⁰⁰

PLUG & FLOAT EQUIPMENT

1-8518 Plus @ 49⁰⁰ 53⁴⁰

3-C-2-L Plus @ 49⁰⁰ 147⁰⁰

1-T.P.A.G. Shog @ 258⁰⁰

1-ATG Iron @ 158⁰⁰

TOTAL 616⁰⁰

To Allied Cementing Co., LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) 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 and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME Gary Dole

SIGNATURE [Signature]

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS _____



PO BOX 31 Russell, KS 67665

Voice: (785) 483-3887
Fax: (785) 483-5566

2347

RECEIVED
SEP 07 2010

INVOICE

Invoice Number: 124305

Invoice Date: Sep 1, 2010

Page: 1

BILL TO:
FIML Natural Resources LLC
410 17th St., #900
Denver, CO 80202

Federal Tax I.D.#: 20-5975804

Customer ID	Well Name # or Customer P.O.	Payment Terms
FIML	Pfenninger1C#33-1831	Net 30 Days
Job Location	Camp Location	Service Date
KS1-02	Oakley	Sep 1, 2010
Due Date		10/1/10

Quantity	Item	Description	Unit Price	Amount
5.00	MAT	Gel	20.80	104.00
275.00	MAT	ASC Class A	18.60	5,115.00
1,375.00	MAT	Gilsonite	0.89	1,223.75
31.00	MAT	Salt	23.95	742.45
69.00	MAT	Flo Seal	2.50	172.50
500.00	MAT	WFR-2	1.27	635.00
354.00	SER	Handling	2.40	849.60
55.00	SER	Mileage 354 sx @ .10 per sk per mi	35.40	1,947.00
1.00	SER	2-Stage - Bottom	2,185.00	2,185.00
55.00	SER	Pump Truck Mileage	7.00	385.00
1.00	EQP	5.5 Sure Seal Float Shoe	349.00	349.00
1.00	EQP	5.5 Sure Seal Float Collar	418.00	418.00
1.00	EQP	5.5 D V Tool	2,832.00	2,832.00
25.00	EQP	5.5 Centralizer	35.00	875.00
2.00	EQP	5.5 Basket	161.00	322.00
1.00	EQP	Lock Ring	29.00	29.00

ALL PRICES ARE NET, PAYABLE
30 DAYS FOLLOWING DATE OF
INVOICE. 1 1/2% CHARGED
THEREAFTER. IF ACCOUNT IS
CURRENT, TAKE DISCOUNT OF

\$ 3636.86

ONLY IF PAID ON OR BEFORE
Sep 26, 2010

Subtotal	18,184.30
Sales Tax	935.69
Total Invoice Amount	19,119.99
Payment/Credit Applied	
TOTAL	19,119.99

8270-118
-3636.86
15,483.13
D 10053

ALLIED CEMENTING CO., LLC. 038993

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

OKHICKS

DATE 9-1-10	SEC. 33	TWP. 18	RANGE 37	CALLED OUT	ON LOCATION 11:30 AM	JOB START 11:30 AM	JOB FINISH 12:00 AM
LEASE PENNINSULAR	WELL# 33-1881	LOCATION SEASIDE - TAOS		COUNTY SANTA FE	STATE NM		
OLD OR NEW (Circle one) <u>NEW</u>							

CONTRACTOR MURPHY OWNER

TYPE OF JOB 2-stage bottom

HOLE SIZE 7 7/8 T.D. 4806

CASING SIZE 5 1/2 DEPTH 4803

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL JOE DEPTH 3010

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT 22

CEMENT LEFT IN CSG. 22

PERFS.

DISPLACEMENT 113.6 Total

EQUIPMENT

PUMP TRUCK CEMENTER Fuzzy

421 HELPER Rally

BULK TRUCK DRIVER Darwin

386

BULK TRUCK DRIVER Brandon

394

REMARKS:

Pump Seegal water mix 275 lbs
cement in 2 pump trucks, Dropped
side hole to close collar with 71.6
41.9 bbls mud. Plug down @ 6:30
Flashed prep down mix tanks
opened @ 12:00 circ check
Thanks Fuzzy crew

CHARGE TO: FIMB

STREET _____

CITY _____ STATE _____ ZIP _____

CITY _____ STATE _____ ZIP _____

To Allied Cementing Co., LLC.

You are hereby requested to rent cementing equipment and furnish cementer and helper(s) 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 and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME Gary Poble

SIGNATURE [Signature]

COMMON	@							
POZMIX	@							
GEL	@	<u>3</u>				<u>20.00</u>	<u>104.00</u>	
CHLORIDE	@							
ASC	@	<u>275</u>				<u>18.00</u>	<u>5115.00</u>	
<u>Cement</u>	@	<u>1375</u>				<u>.89</u>	<u>1223.25</u>	
<u>SALT</u>	@	<u>31</u>				<u>23.95</u>	<u>742.45</u>	
<u>Fluoride</u>	@	<u>69</u>				<u>2.50</u>	<u>172.50</u>	
<u>W.P. #</u>	@	<u>500 gal</u>				<u>1.22</u>	<u>635.60</u>	
HANDLING	@	<u>354</u>				<u>2.40</u>	<u>849.60</u>	
MILEAGE	@	<u>104.94 mile</u>					<u>(94) 0.08</u>	
							TOTAL	<u>10789.30</u>

SERVICE

DEPTH OF JOB	<u>4903'</u>	
PUMP TRUCK CHARGE		<u>2185.00</u>
EXTRA FOOTAGE	<u>55</u>	<u>7.00</u>
MILEAGE	<u>55</u>	<u>385.00</u>
MANIFOLD	@	
	@	
	@	
		TOTAL <u>2570.00</u>

PLUG & FLOAT EQUIPMENT

<u>1-5 universal float shoe (W)</u>		<u>349.00</u>
<u>1-5 universal float collar (W)</u>		<u>418.00</u>
<u>1-DJ Tool</u>	@	<u>2832.00</u>
<u>25-cent</u>	@	<u>35.00</u>
<u>2-Baskets</u>	@	<u>161.00</u>
<u>1-loc rings</u>	@	<u>29.00</u>
		TOTAL <u>4825.00</u>

SALES TAX (if Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS



PO BOX 31 Russell, KS 67665

Voice: (785) 483-3887
Fax: (785) 483-5566

Bill To:
FIML Natural Resources LLC
410 17th St., #900
Denver, CO 80202

Federal Tax I.D.#: 20-5975804

2347

RECEIVED
SEP 07 2010

INVOICE

Invoice Number: 124306
Invoice Date: Sep 1, 2010
Page: 1

Customer ID	Well Name# of Customer P.O.	Payment Terms
FIML	Pfenninger1C#33-1831	Net 30 Days
Job Location	Camp Location	Service Date
KS1-02	Oakley	Sep 1, 2010
		Due Date
		10/1/10

Quantity	Item	Description	Unit Price	Amount
420.00	MAT	Lightweight Class A	14.05	5,901.00
2,100.00	MAT	Gilsonite	0.89	1,869.00
105.00	MAT	Flo Seal	2.50	262.50
495.00	SER	handling	2.40	1,188.00
55.00	SER	Mileage 495 sx @ .10 per sk per mi	49.50	2,722.50
1.00	SER	2-Stage - Top	1,185.00	1,185.00

Subtotal	13,128.00
Sales Tax	586.37
Total Invoice Amount	13,714.37
Payment/Credit Applied	
TOTAL	13,714.37

ALL PRICES ARE NET, PAYABLE 30 DAYS FOLLOWING DATE OF INVOICE. 1 1/2% CHARGED THEREAFTER. IF ACCOUNT IS CURRENT, TAKE DISCOUNT OF

\$ 2625.60

ONLY IF PAID ON OR BEFORE
Sep 26, 2010

820-118
Alan D. Bl
D10053
- 2625.60
11,088.77

ALLIED CEMENTING CO., LLC. 038994

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

Osage KS

DATE	9-1-10	SEC.	32	TWP.	18	RANGE	31	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE	FFENWISON	WELL #	33-1831		1-C	LOCATION	Scott City & Taos Rd		Wagon	Wagon	12:00 AM
OLD OR NEW (Circle one)	NEW						3125 - ca 50		County	Scott	STATE
											KS

CONTRACTOR VM #21 OWNER

TYPE OF JOB 2-stage (Top)

HOLE SIZE 7 7/8 T.D. 4806'

CASING SIZE 5 1/2 DEPTH 3010'

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT 71.6

EQUIPMENT

PUMP TRUCK CEMENTER Fuzzy

431 HELPER Killy

BULK TRUCK DRIVER Brandon

30

BULK TRUCK DRIVER

#

CEMENT

AMOUNT ORDERED 420 bags / unit
5 bags / sk

COMMON	@	
POZMIX	@	
GEL	@	
CHLORIDE	@	
ASC	@	
<u>lime</u>	@	<u>145</u> <u>5901.00</u>
<u>Gilsonite</u>	@	<u>2100</u> <u>189</u> <u>1869.00</u>
<u>Closoal</u>	@	<u>105</u> <u>250</u> <u>262.50</u>
HANDLING	@	<u>495</u> <u>240</u> <u>1188.00</u>
MILEAGE	@	<u>1045K</u> <u>mile</u> <u>2722.50</u>
TOTAL		<u>11943.00</u>

REMARKS:

Mix 3000s cement MBT, mix 3000s cement RH

Mix 3000s cement, mix 3000s cement

lines. Drop plus & displace to 1000'

800' list close tool @ 1600'

cement did circulate approx

25 BRs. Plug down @ 1145 pm

thanks Fuzzy crew

SERVICE

DEPTH OF JOB		<u>3010'</u>
PUMP TRUCK CHARGE		<u>1185.00</u>
EXTRA FOOTAGE	@	
MILEAGE	@	<u>55</u> <u>70</u> <u>W/C</u>
MANIFOLD	@	
TOTAL		<u>1185.00</u>

CHARGE TO: FIML

STREET

CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	
TOTAL		

To Allied Cementing Co., LLC.

You are hereby requested to rent cementing equipment and furnish cementer and helper(s) 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 and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

SALES TAX (if Any)

TOTAL CHARGES

DISCOUNT

IF PAID IN 30 DAYS

PRINTED NAME Gary Dole

SIGNATURE [Signature]

TOTAL

RECEIVED
SEP 13 2010



DRILL STEM TEST REPORT

Prepared For: FIML Natural Resources LLC

410 17th Street
Suite 900
Denver, CO 80202-4420

ATTN: Jim Musgrove

33-18-31 Scott KS

Pfenninger 1C 33-1831

Start Date: 2010.08.27 @ 10:58:00
End Date: 2010.08.27 @ 18:46:47
Job Ticket #: 40201
DST #: 1

ORIGINAL

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Added copies
in log file

DRILL STEM TEST REPORT



FIML Natural Resources LLC
 410 17th Street
 Suite 900
 Denver, CO 80202-4420
 ATTN: Jim Musgrove

Pfenninger 1C 33-1831
 33-18-31 Scott KS
 Job Ticket: 40201
 DST#: 1
 Test Start: 2010.08.27 @ 10:58:00

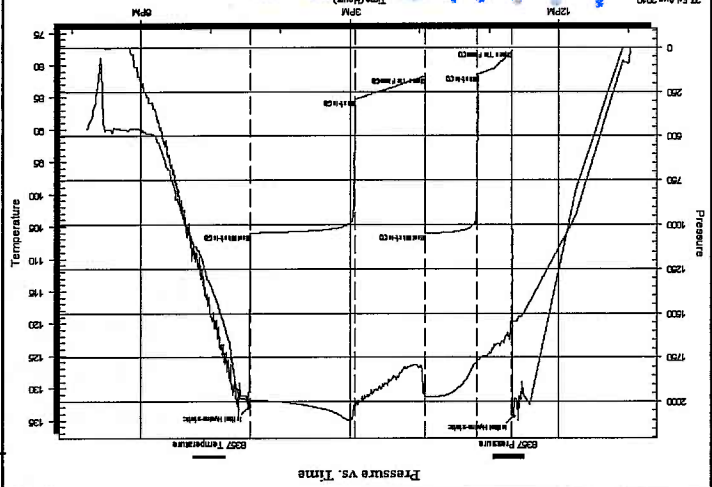
GENERAL INFORMATION:

Formation: LKC 'G'
 Devised: No Whipstock:
 Time Tool Opened: 12:40:18
 Time Test Ended: 18:46:47
 Interval: 4106.00 ft (KB) To 4153.00 ft (KB) (TVD)
 Total Depth: 4153.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inchesHole Condition: Good
 Reference Elevations: 2950.00 ft (KB)
 2939.00 ft (CF)
 11.00 ft
 Test Type: Conventional Bottom Hole
 Tester: Chuck Smith
 Unit No: 37
 Capacity: 8000.00 psig
 Last Call: 2010.08.27
 Time On Btm: 2010.08.27 @ 12:38:54
 Time Off Btm:

TEST COMMENT:

IF: B.O.B. @ 18 1/2 min.
 IS: No return.
 FF: B.O.B. @ 36 min.
 FS: No return.

Serial #: 8357
 Inside
 Press@RunDepth: 291.44 psig @
 4107.00 ft (KB)
 End Date: 2010.08.27
 End Time: 10:58:05
 Start Date: 2010.08.27
 Start Time: 18:46:48



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2078.67	119.67	Initial Hydro-static
2	18.76	118.84	Open To Flow (1)
32	152.85	125.57	Shut-in(1)
77	1049.25	131.38	End Shut-in(1)
77	162.89	130.91	Open To Flow (2)
137	291.44	132.46	Shut-in(2)
228	1047.02	131.88	End Shut-in(2)
229	2031.65	132.12	Initial Hydro-static

Length (ft)	Description	Volume (bbl)
240.00	MW 5%M 95%W	1.18
566.00	OSMW 40%M 60%W	7.94
5.00	OSMW 50%M 50%W	0.07

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM



TRILOBITE TESTING, INC

FML Natural Resources LLC

Pfenninger 1C 33-1831

410 17th Street

33-18-31 Scott KS

Suite 900

Job Ticket: 40201

Denver, CO 80202-4420

DST#:1

ATTN: Jim Musgrove

Test Start: 2010.08.27 @ 10:58:00

Tool Information

Drill Pipe: Length: 3862.00 ft Diameter: 3.80 inches Volume: 54.17 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: 22000.00 lb
 Drill Collar: Length: 240.00 ft Diameter: 2.25 inches Volume: 1.18 bbl Weight to Pull Loose: 75000.00 lb
 Drill Pipe Above KB: 23.50 ft Total Volume: 55.35 bbl Tool Chased 0.00 ft
 Depth to Top Packer: 4106.00 ft String Weight: Initial 62000.00 lb
 Depth to Bottom Packer: ft Final 63000.00 lb
 Interval between Packers: 47.00 ft
 Tool Length: 74.50 ft
 Number of Packers: 2 Diameter: 6.75 inches
 Tool Comments:

Tool Description

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

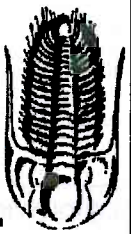
Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4079.50	
Shut In Tool	5.00			4084.50	
Hydraulic tool	5.00			4089.50	
Jars *	5.00			4094.50	
Safety Joint	2.50			4097.00	
Packer	5.00			4102.00	27.50
Bottom Of Top Packer					
Packer	4.00			4106.00	
Stub	1.00			4107.00	
Recorder	0.00	8357	Inside	4107.00	
Recorder	0.00	6751	Outside	4107.00	
Perforations	10.00			4117.00	
Change Over Sub	1.00			4118.00	
Drill Pipe	31.00			4149.00	
Change Over Sub	1.00			4150.00	
Bullnose	3.00			4153.00	
Total Tool Length:	74.50				

Bottom Packers & Anchor	47.00				
-------------------------	-------	--	--	--	--

Total Tool Length: 74.50

Recovery Information													
<table border="1"> <thead> <tr> <th>Length ft</th> <th>Description</th> <th>Volume bbl</th> </tr> </thead> <tbody> <tr> <td>240.00</td> <td>MW 5%M 95%W</td> <td>1.180</td> </tr> <tr> <td>566.00</td> <td>OSMW 40%M 60%W</td> <td>7.939</td> </tr> <tr> <td>5.00</td> <td>OSMW 50%M 50%W</td> <td>0.070</td> </tr> </tbody> </table>	Length ft	Description	Volume bbl	240.00	MW 5%M 95%W	1.180	566.00	OSMW 40%M 60%W	7.939	5.00	OSMW 50%M 50%W	0.070	Total Length: 811.00 ft Total Volume: 9.189 bbl Num Fluid Samples: 0 Num Gas Bombs: 0 Laboratory Name: Laboratory Location: Recovery Comments: Serial #:
Length ft	Description	Volume bbl											
240.00	MW 5%M 95%W	1.180											
566.00	OSMW 40%M 60%W	7.939											
5.00	OSMW 50%M 50%W	0.070											

Mud and Cushion Information	
Mud Type: Gel Chem Mud Weight: 9.00 lb/gal Viscosity: 48.00 sec/qt Water Loss: 7.56 in ² Resistivity: 0.00 ohm.m Salinity: 1100.00 ppm Filter Cake: 1.00 inches	Cushion Type: Cushion Length: ft Cushion Volume: bbl Gas Cushion Type: Gas Cushion Pressure: psig Oil API: 0 deg API Water Salinity: 30000 ppm

 <p>TRIOBITE TESTING, INC</p>	FIML Natural Resources LLC 410 17th Street Suite 900 Denver, CO 80202-4420 ATTN: Jim Musgrove Test Start: 2010.08.27 @ 10:58:00
	Pfenninger 1C 33-1831 33-18-31 Scott KS Job Ticket: 40201 DST#: 1

Serial #: 8357

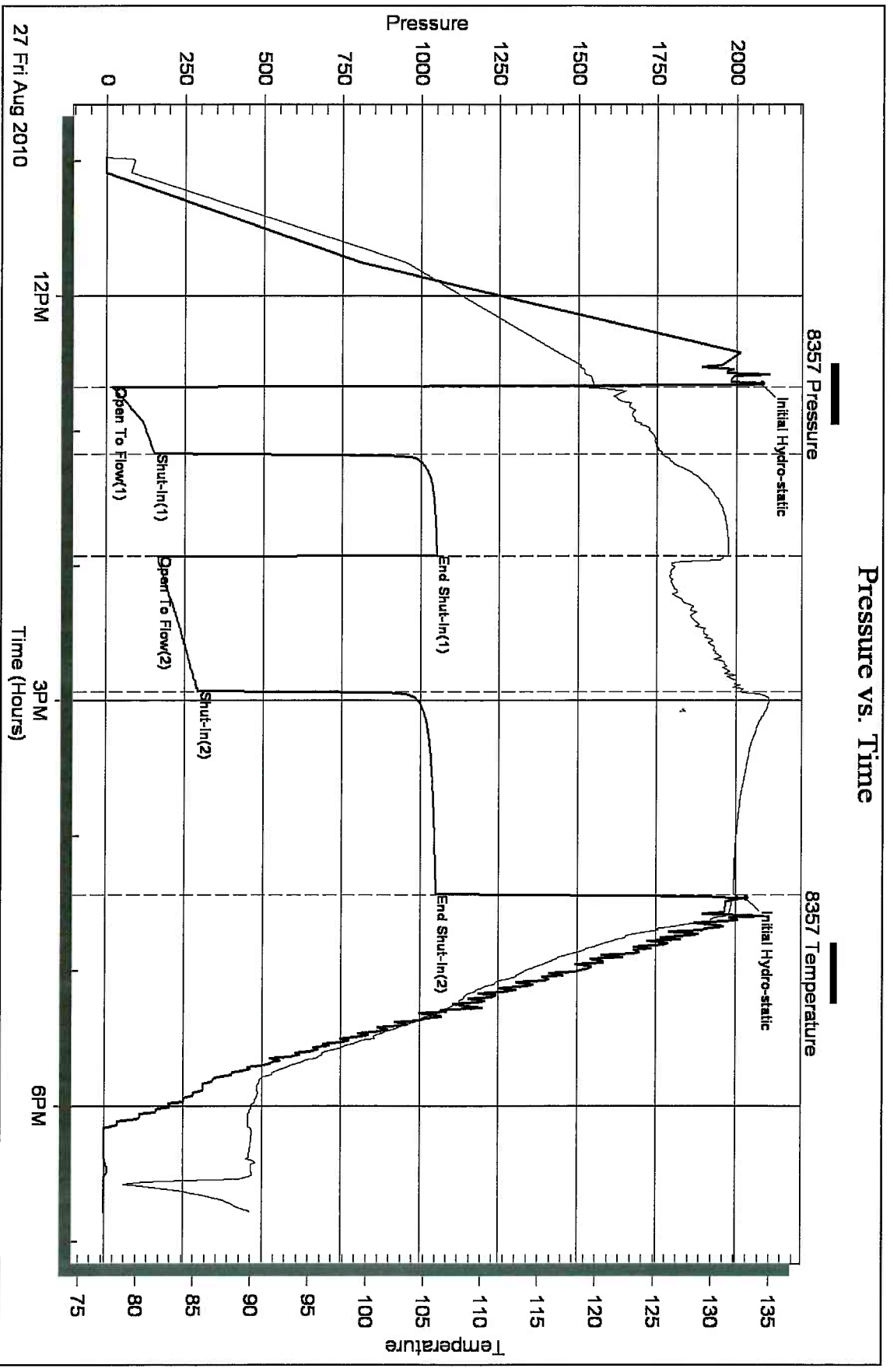
Inside

FIML Natural Resources LLC

33-18-31 Scott KS

DST Test Number: 1

Pressure vs. Time







DRILL STEM TEST REPORT

Prepared For: FIML Natural Resources LLC

410 17th Street
Suite 900
Denver, CO 80202-4420

ATTN: Jim Musgrove

33-18-31 Scott KS

Pfenninger 1C 33-1831

Start Date: 2010.08.28 @ 03:22:00

End Date: 2010.08.28 @ 09:58:00

Job Ticket #: 40202 DST #: 2

TriLOBITE Testing, Inc

PO Box 1733 Hays, KS 67601

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

DRILL STEM TEST REPORT



FNL Natural Resources LLC
 410 17th Street
 Suite 900
 Denver, CO 80202-4420
 ATTN: Jim Musgrove

Penninger 1C 33-1831
 33-18-31 Scott KS
 Job Ticket: 40202
 DST#: 2
 Test Start: 2010.08.28 @ 03:22:00

GENERAL INFORMATION:

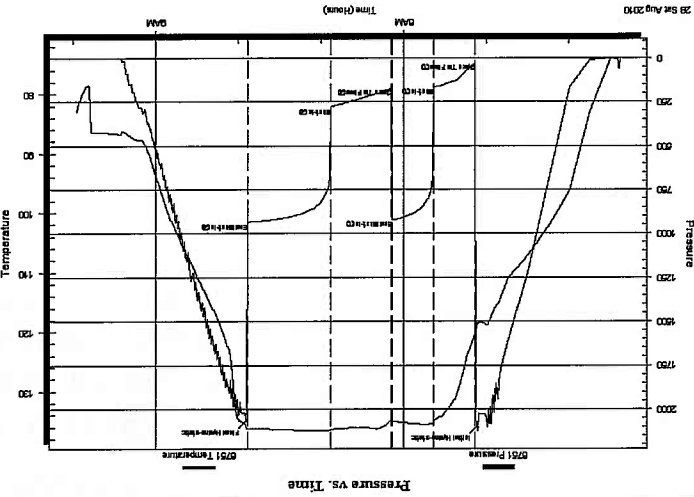
Formation: LKC "I"
 Deviated: No Whipstock:
 Time Tool Opened: 05:08:00
 Time Test Ended: 09:58:00
 Interval: 4181.00 ft (KB) To 4206.00 ft (KB) (TVD)
 Total Depth: 4206.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inchesHole Condition: Good
 Reference Elevations: 2950.00 ft (KB)
 2939.00 ft (CF)
 11.00 ft
 KB to GR/CF:

Serial #: 6751

Outside
 Press@RunDepth: 279.69 psig @ 4183.00 ft (KB)
 Start Date: 2010.08.28
 End Date: 2010.08.28
 Start Time: 03:22:05
 End Time: 09:57:59
 Capacity: 8000.00 psig
 Last Callb.: 2010.08.28
 Time On Btm: 2010.08.28 @ 05:06:30
 Time Off Btm: 2010.08.28 @ 07:54:30
 TEST COMMENT: F: B.O.B @ 15 min. SI: No return.
 FF: B.O.B. @ 20 min. FSI: No return.

PRESSURE SUMMARY

Annotation	Time (Min.)	Pressure (psig)	Temp (deg F)
Initial Hydro-static	0	2102.08	118.81
Open To Flow (1)	2	26.35	118.43
Shut-in(1)	32	168.16	135.01
End Shut-in(1)	62	923.44	135.10
Open To Flow (2)	63	173.41	134.82
Shut-in(2)	107	279.69	136.37
End Shut-in(2)	167	935.46	136.20
Final Hydro-static	168	2065.18	135.96



Recovery

Length (ft)	Description	Volume (bbl)
550.00	MMV 5%M 95%W	5.53
34.00	SOCMM 1%O 15%M 84%W	0.48
1.00	Clean Oil	0.01


Gas Rates

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

Tool Description		Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub		1.00			4154.50	
Shut In Tool		5.00			4159.50	
Hydraulic tool		5.00			4164.50	
Jars		5.00			4169.50	
Safety Joint		2.50			4172.00	
Packer		5.00			4177.00	27.50
Packer		4.00			4181.00	
Stub		1.00			4182.00	
Perforations		1.00			4183.00	
Recorder		0.00	8357	Inside	4183.00	
Recorder		0.00	6751	Outside	4183.00	
Perforations		20.00			4203.00	
Bullnose		3.00			4206.00	25.00
Total Tool Length: 52.50						

Tool Information		Length	Diameter	Volume	Weight
Drill Pipe	Length: 3925.00 ft	3.80 inches	55.06 bbl	2500.00 lb	Tool Weight: 2500.00 lb
Heavy Wt. Pipe	Length: 0.00 ft	0.00 inches	0.00 bbl	20000.00 lb	Weight set on Packer: 20000.00 lb
Drill Collar	Length: 240.00 ft	2.25 inches	1.18 bbl	70000.00 lb	Weight to Pull Loose: 70000.00 lb
Total Volume: 56.24 bbl		Tool Chased		0.00 ft	
Drill Pipe Above KB:	11.50 ft	String Weight: Initial		60000.00 lb	
Depth to Top Packer:	4181.00 ft	Final		60000.00 lb	
Depth to Bottom Packer:	ft				
Interval between Packers:	25.00 ft				
Tool Length:	52.50 ft				
Number of Packers:	2	Diameter:		6.75 inches	
Tool Comments:					

Tool Information		Length	Diameter	Volume	Weight
Drill Pipe	Length: 3925.00 ft	3.80 inches	55.06 bbl	2500.00 lb	Tool Weight: 2500.00 lb
Heavy Wt. Pipe	Length: 0.00 ft	0.00 inches	0.00 bbl	20000.00 lb	Weight set on Packer: 20000.00 lb
Drill Collar	Length: 240.00 ft	2.25 inches	1.18 bbl	70000.00 lb	Weight to Pull Loose: 70000.00 lb
Total Volume: 56.24 bbl		Tool Chased		0.00 ft	
Drill Pipe Above KB:	11.50 ft	String Weight: Initial		60000.00 lb	
Depth to Top Packer:	4181.00 ft	Final		60000.00 lb	
Depth to Bottom Packer:	ft				
Interval between Packers:	25.00 ft				
Tool Length:	52.50 ft				
Number of Packers:	2	Diameter:		6.75 inches	
Tool Comments:					

 <p>TRILOBITE TESTING, INC</p>	<p>FML Natural Resources LLC 410 17th Street Suite 900 Denver, CO 80202-4420 ATTN: Jim Musgrove Test Start: 2010.08.28 @ 03:22:00</p>
	<p>DRILL STEM TEST REPORT</p> <p>Fenninger 1C 33-1831 33-18-31 Scott KS Job Ticket: 40202 DST#:2</p>

Recovery Information

Total Length: 585.00 ft
 Total Volume: 6.020 bbl
 Num Fluid Samples: 0
 Num Gas Bombs: 0
 Laboratory Name: Laboratory Location: Serial #:

Recovery Comments:

Length ft	Description	Volume bbl
550.00	MMW 5%M 95%W	5.529
34.00	SOCMW 1%O 15%M 84%W	0.477
1.00	Clean Oil	0.014

Recovery Table

Mud and Cushion Information

Mud Type: Gel Chem
 Mud Weight: 9.00 lb/gal
 Viscosity: 50.00 sec/qt
 Water Loss: 7.56 in³
 Resistivity: 0.00 ohm.m
 Salinity: 1100.00 ppm
 Filter Cake: 1.00 inches

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

Oil API: 0 deg API
 Water Salinity: 31000 ppm

DRILL STEM TEST REPORT

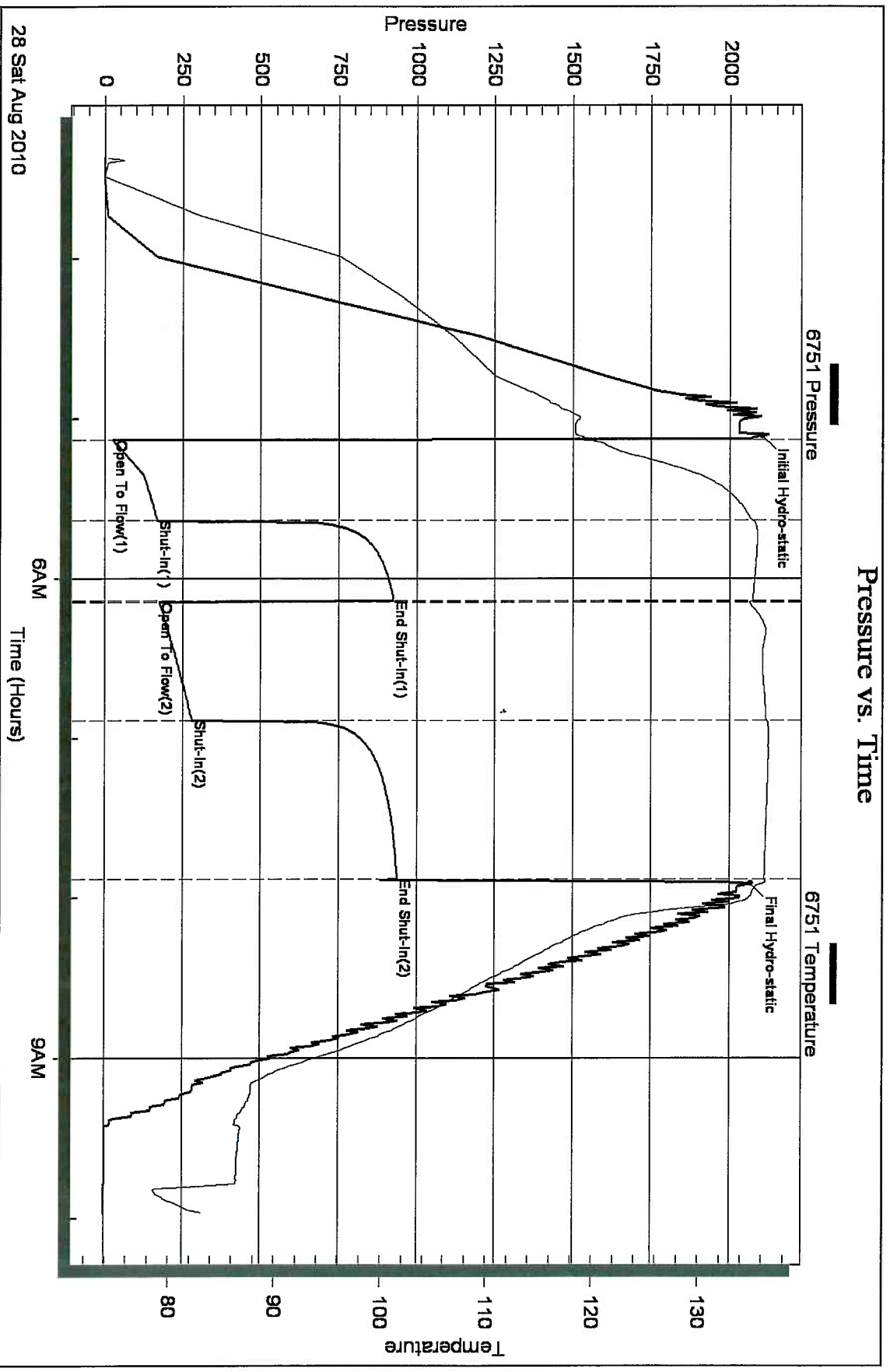
FNL Natural Resources LLC
 410 17th Street
 Suite 900
 Denver, CO 80202-4420
 ATTN: Jim Musgrove
 Test Start: 2010.08.28 @ 03:22:00

Penninger 1C 33-1831
 33-18-31 Scott KS
 Job Ticket: 40202
 DST#: 2



TRILOBITE TESTING, INC

Pressure vs. Time







DRILL STEM TEST REPORT

Prepared For: **FIML Natural Resources LLC**

410 17th Street
Suite 900
Denver, CO 80202-4420

ATTN: Jim Musgrove

33-18-31 Scott KS

Pfenninger 1C 33-1831

Start Date: 2010.08.29 @ 01:27:30

End Date: 2010.08.29 @ 08:12:12

Job Ticket #: 40203
DST #: 3

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

DRILL STEM TEST REPORT



FIML Natural Resources LLC
 410 17th Street
 Suite 900
 Denver, CO 80202-4420
 ATTN: Jim Musgrove

Pfenninger 1C 33-1831
 33-18-31 Scott KS
 Job Ticket: 40203
 DST#: 3
 Test Start: 2010.08.29 @ 01:27:30

GENERAL INFORMATION:

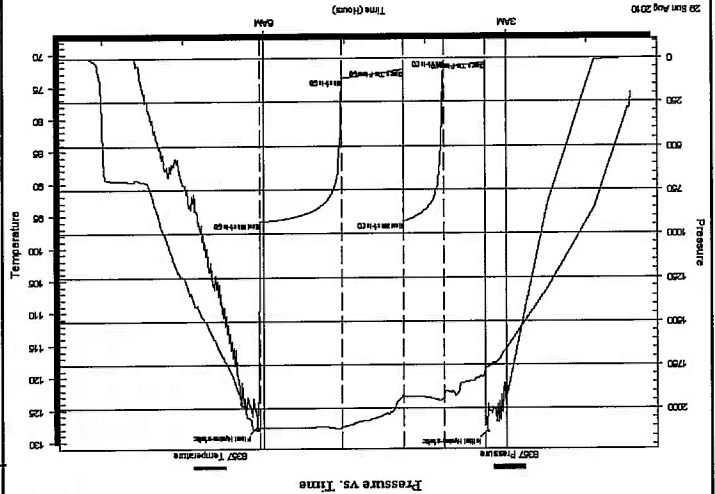
Formation: LKC "J-L"
 Deviated: No
 Whipstock: No
 Time Tool Opened: 03:16:12
 Time Test Ended: 08:12:12
 Interval: 4210.00 ft (KB) To 4319.00 ft (KB) (TVD)
 Total Depth: 4319.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inchesHole Condition: Good
 Reference Elevations: 2950.00 ft (KB)
 KB to GR/CF: 11.00 ft

TEST COMMENT:

Serial #: 8357
 Inside
 Press@RunDepth: 114.95 psig @
 4211.00 ft (KB)
 Start Date: 2010.08.29
 End Date: 2010.08.29
 Start Time: 01:27:35
 End Time: 08:12:12
 Capacity: 8000.00 psig
 Last Callb.: 2010.08.29
 Time On Btm: 2010.08.29 @ 03:14:18
 Time Off Btm: 2010.08.29 @ 06:04:54
 TEST COMMENT: IF: 3 1/2" Blow.
 IS: No return.
 FF: 2 1/2" Blow.
 FS: No return.

PRESSURE SUMMARY

Annotation	Pressure (psig)	Time (Min.)
Initial Hydro-static	118.46	0
Open To Flow (1)	117.64	2
Shut-in(1)	123.14	33
End Shut-in(1)	933.29	63
Open To Flow (2)	122.53	63
Shut-in(2)	127.70	108
End Shut-in(2)	934.76	169
Final Hydro-static	128.22	171



Recovery

Length (ft)	Description	Volume (bb)
60.00	SOCWM 3%O 25%W 72%M	0.30
120.00	OSM 100%M	0.59
30.00	SOCM 1%O 99%M	0.15

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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DRILL STEM TEST REPORT

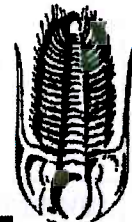
FMN Natural Resources LLC

410 17th Street
Suite 900
Denver, CO 80202-4420
ATTN: Jim Musgrove

33-18-31 Scott KS
Job Ticket: 40203
DST#: 3

Pfenninger 1C 33-1831

Test Start: 2010.08.29 @ 01:27:30



TRILOBITE TESTING, INC

Tool Information	
Drill Pipe: Length: 3956.00 ft Diameter: 3.80 inches Volume: 55.49 bbl Heavy Wt. Pipe: Length: 0.00 ft Diameter: 0.00 inches Volume: 0.00 bbl Drill Collar: Length: 240.00 ft Diameter: 2.25 inches Volume: 1.18 bbl Drill Pipe Above KB: 13.50 ft Depth to Top Packer: 4210.00 ft Depth to Bottom Packer: ft Interval between Packers: 109.00 ft Tool Length: 136.50 ft Number of Packers: 2 Diameter: 6.75 inches Tool Comments:	Tool Weight: 2500.00 lb Weight set on Packer: 22000.00 lb Weight to Pull Loose: 70000.00 lb Tool Chased 0.00 ft String Weight: Initial 62000.00 lb Final 62000.00 lb

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4183.50	
Shut In Tool	5.00			4188.50	
Hydraulic tool	5.00			4193.50	
Jars	5.00			4198.50	
Safety Joint	2.50			4201.00	
Packer	5.00			4206.00	
Packer	4.00			4210.00	
Stub	1.00			4211.00	
Recorder	0.00	8357	Inside	4211.00	
Recorder	0.00	6751	Outside	4211.00	
Perforations	10.00			4221.00	
Change Over Sub	1.00			4222.00	
Drill Pipe	93.00			4315.00	
Change Over Sub	1.00			4316.00	
Bullnose	3.00			4319.00	
Total Tool Length:	136.50				

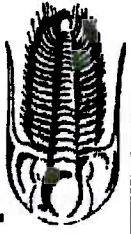
Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4183.50	
Shut In Tool	5.00			4188.50	
Hydraulic tool	5.00			4193.50	
Jars	5.00			4198.50	
Safety Joint	2.50			4201.00	
Packer	5.00			4206.00	
Packer	4.00			4210.00	
Stub	1.00			4211.00	
Recorder	0.00	8357	Inside	4211.00	
Recorder	0.00	6751	Outside	4211.00	
Perforations	10.00			4221.00	
Change Over Sub	1.00			4222.00	
Drill Pipe	93.00			4315.00	
Change Over Sub	1.00			4316.00	
Bullnose	3.00			4319.00	
Total Tool Length:	136.50				

Recovery Information	
Recovery Comments:	
Laboratory Name:	
Laboratory Location:	
Num Fluid Samples: 0	
Num Gas Bombs: 0	
Serial #:	
Total Length: 210.00 ft	Total Volume: 1.033 bbl
60.00	SOCWM 3% O 25% W 72% M
120.00	OSM 100% M
30.00	SOCM 1% O 99% M
0.295	
0.590	
0.148	

Mud and Cushion Information	
Mud Type: Gel Chem	
Mud Weight: 9.00 lb/gal	
Viscosity: 51.00 sec/qt	
Water Loss: 7.94 in ²	
Resistance: 0.00 ohm.m	
Salinity: 1300.00 ppm	
Filter Cake: 1.00 inches	
Cushion Type:	Oil API:
Cushion Length:	ft
Cushion Volume:	bbl
Gas Cushion Type:	Gas Cushion Pressure:
psig	
0 deg API	27000 ppm

DRILL STEM TEST REPORT

FLUID SUMMARY

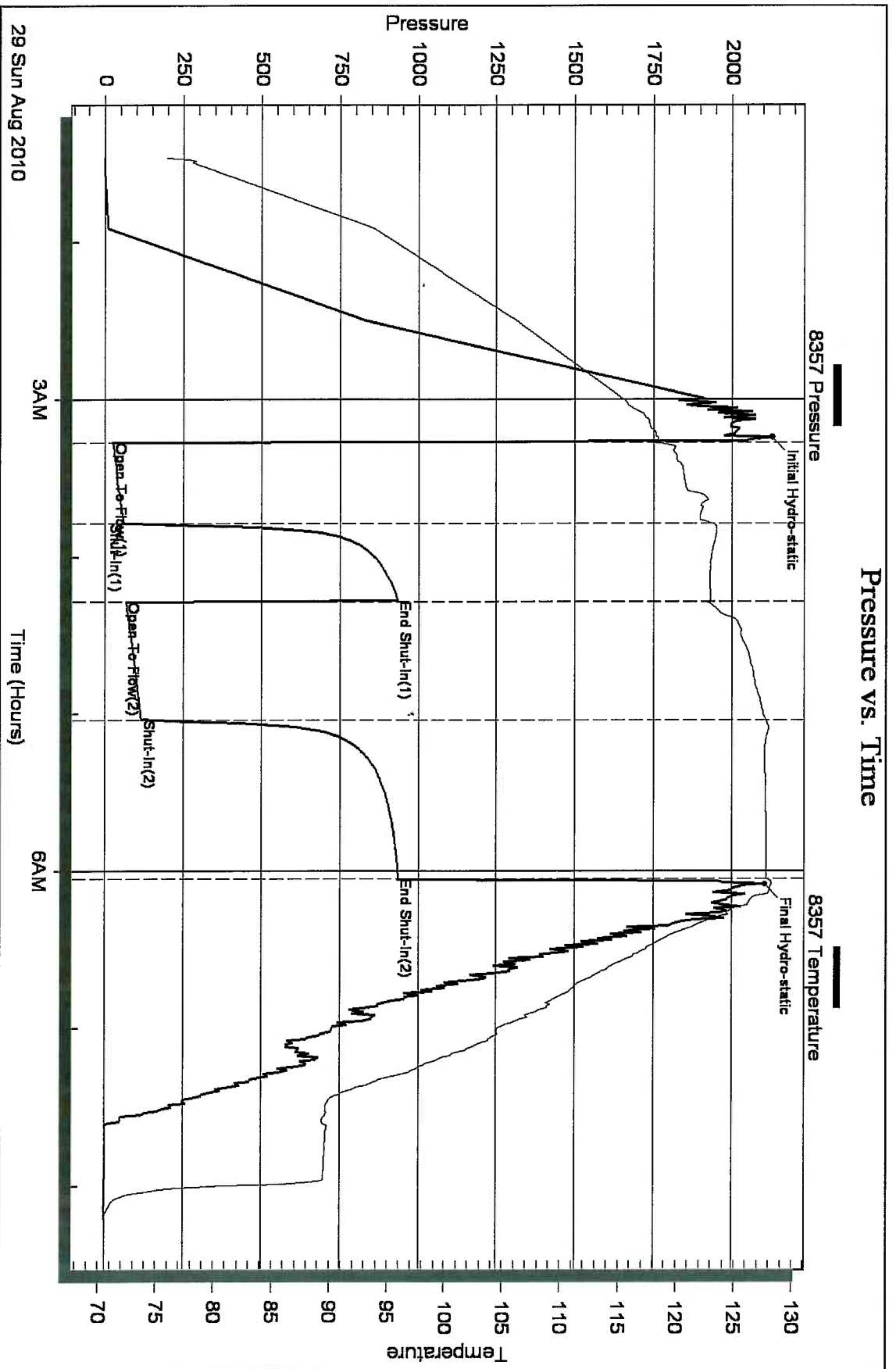


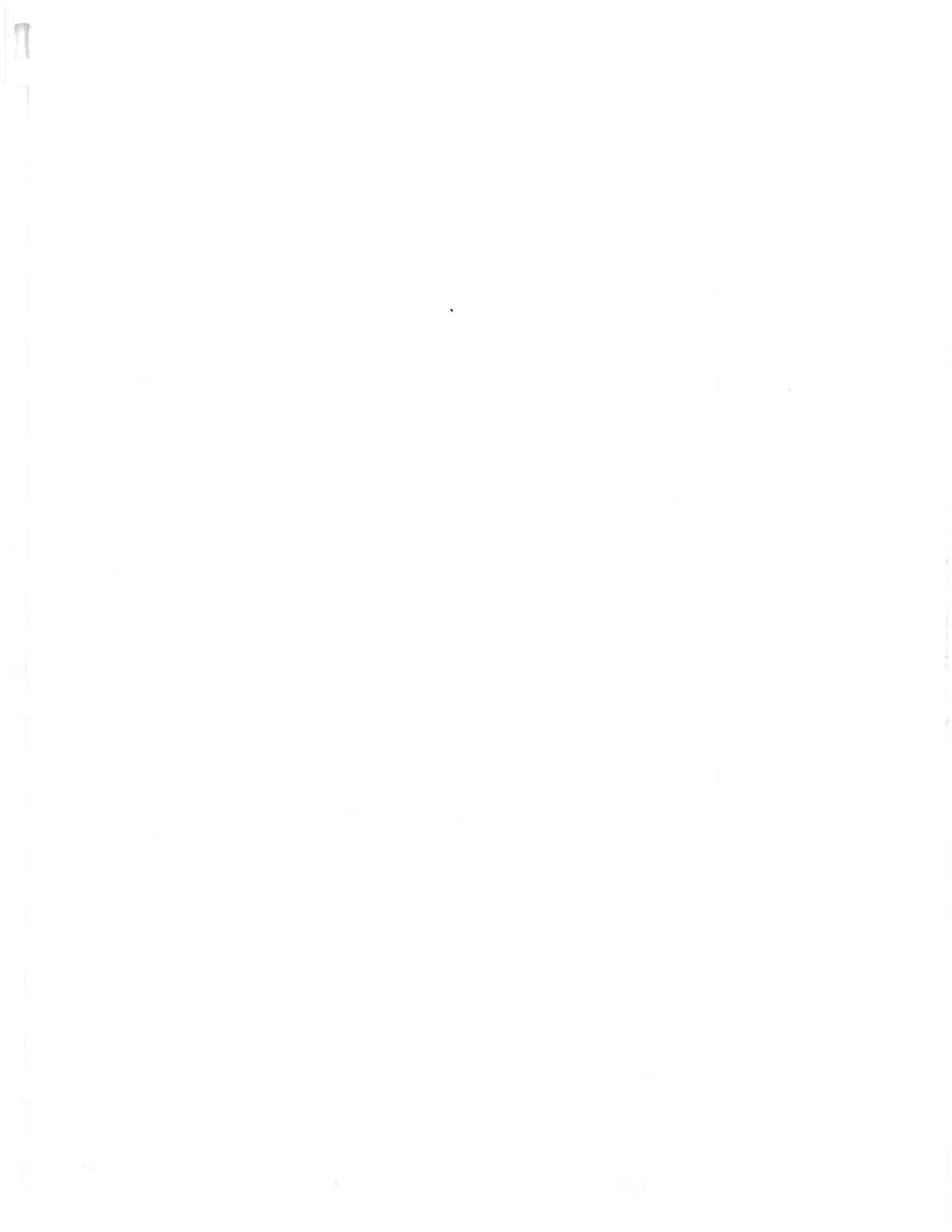
TRILOBITE TESTING, INC

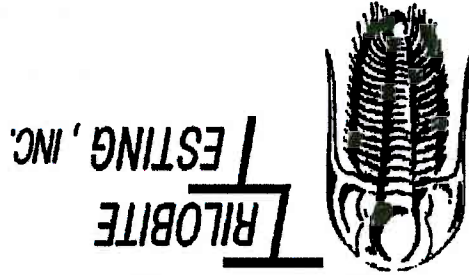
FIML Natural Resources LLC
 410 17th Street
 Suite 900
 Denver, CO 80202-4420
 ATTN: Jim Musgrove
 Test Start: 2010.08.29 @ 01:27:30

Pfenninger 1C 33-1831
 33-18-31 Scott KS
 Job Ticket: 40203
 DST#: 3

Pressure vs. Time







DRILL STEM TEST REPORT

Prepared For: **FIML Natural Resources LLC**

410 17th Street
Suite 900
Denver, CO 80202-4420

ATTN: Jim Musgrove

33-18-31 Scott KS

Pfenninger 1C 33-1831

Start Date: 2010.08.29 @ 20:38:00

End Date: 2010.08.30 @ 00:51:54

Job Ticket #: 40204
DST #: 4

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

DRILL STEM TEST REPORT



FML Natural Resources LLC
 410 17th Street
 Suite 900
 Denver, CO 80202-4420
 ATTN: Jim Musgrove

Fenninger 1C 33-1831
 33-18-31 Scott KS
 Job Ticket: 40204
 DST#: 4
 Test Start: 2010.08.29 @ 20:38:00

GENERAL INFORMATION:

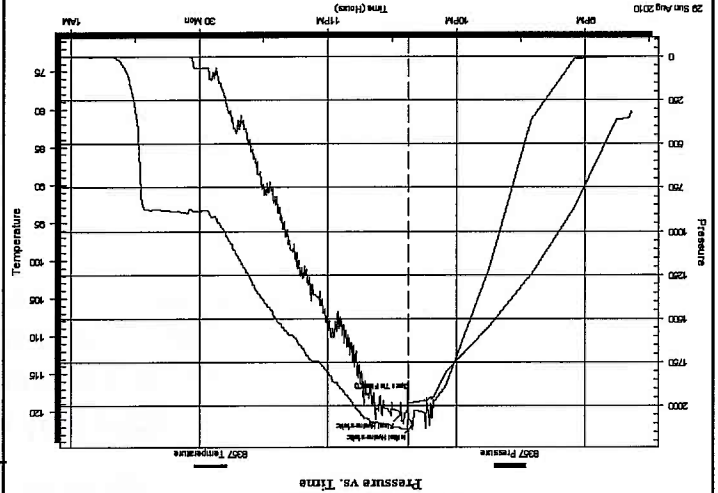
Formation: **Marmaton**
 Deviated: **No** Whipstock: **ft (KB)**
 Time Tool Opened: 22:22:36
 Time Test Ended: 00:51:54
 Interval: **4301.00 ft (KB) To 4400.00 ft (KB) (TVD)**
 Total Depth: **4400.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Good**
 Reference Elevations: **2950.00 ft (KB)**
 KB to GR/CF: **11.00 ft**

Serial #: 8357 Inside
 Press@RunDepth: **psig @ 4304.00 ft (KB)**
 Start Date: **2010.08.29** End Date: **2010.08.30**
 Start Time: **20:38:05** End Time: **00:51:54**
 Capacity: **8000.00 psig**
 Last Callb.: **2010.08.30**
 Time On Btm: **2010.08.29 @ 22:20:48**
 Time Off Btm: **2010.08.29 @ 22:26:06**

TEST COMMENT: IF: Packer seat failed, reset tool, packer seat failed, pulled tool.

PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2113.52	118.85	Initial Hydro-static
2	1860.91	120.64	Open To Flow (1)
6	2048.28	122.14	Final Hydro-static



Recovery

Length (ft)	Description	Volume (bbl)
457.00	DM 100%M	4.22

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcfd)

DRILL STEM TEST REPORT

TOOL DIAGRAM



TRILOBITE TESTING, INC

FML Natural Resources LLC

Pfenninger 1C 33-1831

410 17th Street

33-18-31 Scott KS

Suite 900

Job Ticket: 40204

Denver, CO 80202-4420

DST#:4

ATTN: Jim Musgrove

Test Start: 2010.08.29 @ 20:38:00

Tool Information

Drill Pipe: Length: 4050.00 ft Diameter: 3.80 inches Volume: 56.81 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: 30000.00 lb
 Drill Collar: Length: 240.00 ft Diameter: 2.25 inches Volume: 1.18 bbl Weight to Pull Loose: 64000.00 lb
 Drill Pipe Above KB: 16.50 ft Total Volume: 57.99 bbl Tool Chased 0.00 ft
 Depth to Top Packer: 4301.00 ft String Weight: Initial 64000.00 lb
 Depth to Bottom Packer: ft Final 64000.00 lb
 Interval between Packers: 99.00 ft

Tool Comments:

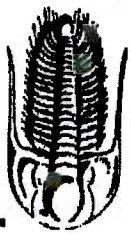
Number of Packers: 2 Diameter: 6.75 inches

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

Change Over Sub	1.00			4274.50
Shut In Tool	5.00			4279.50
Hydraulic tool	5.00			4284.50
Jars	5.00			4289.50
Safety Joint	2.50			4292.00
Packer	5.00			4297.00
Packer	4.00			4301.00
Stub	1.00			4302.00
Perforations	2.00			4304.00
Recorder	0.00	Inside	8357	4304.00
Recorder	0.00	Outside	6751	4304.00
Perforations	29.00			4333.00
Change Over Sub	1.00			4334.00
Drill Pipe	62.00			4396.00
Change Over Sub	1.00			4397.00
Bullnose	3.00			4400.00
Total Tool Length:	126.50			
Bottom Packers & Anchor	99.00			

Recovery Table		
Length ft	Description	Volume bbl
457.00	DM 100%M	4.224
Total Length: 457.00 ft Total Volume: 4.224 bbl		
Num Fluid Samples: 0 Num Gas Bombs: 0		
Laboratory Name: Laboratory Location: Serial #:		
Recovery Comments:		

Mud and Cushion Information	
Mud Type: Gel Chem	Mud Weight: 9.00 lb/gal
Viscosity: 54.00 sec/qt	Water Loss: 7.18 in ³
Resistance: 0.00 ohm.m	Salinity: 1200.00 ppm
Gas Cushion Pressure: psig	Filter Cake: 1.00 inches
Gas Cushion Type:	
Cushion Volume: bbl	
Cushion Length: ft	
Cushion Type: Oil API	Water Salinity: 0 ppm
	0 deg API

 <p>TRILOBITE TESTING, INC</p>	<p>DRILL STEM TEST REPORT</p> <p>FLUID SUMMARY</p>
	<p>FML Natural Resources LLC</p> <p>410 17th Street Suite 900 Denver, CO 80202-4420 ATTN: Jim Musgrove</p> <p>33-18-31 Scott KS Job Ticket: 40204 DST#: 4</p> <p>Pfenninger 1C 33-1831</p> <p>Test Start: 2010.08.29 @ 20:38:00</p>

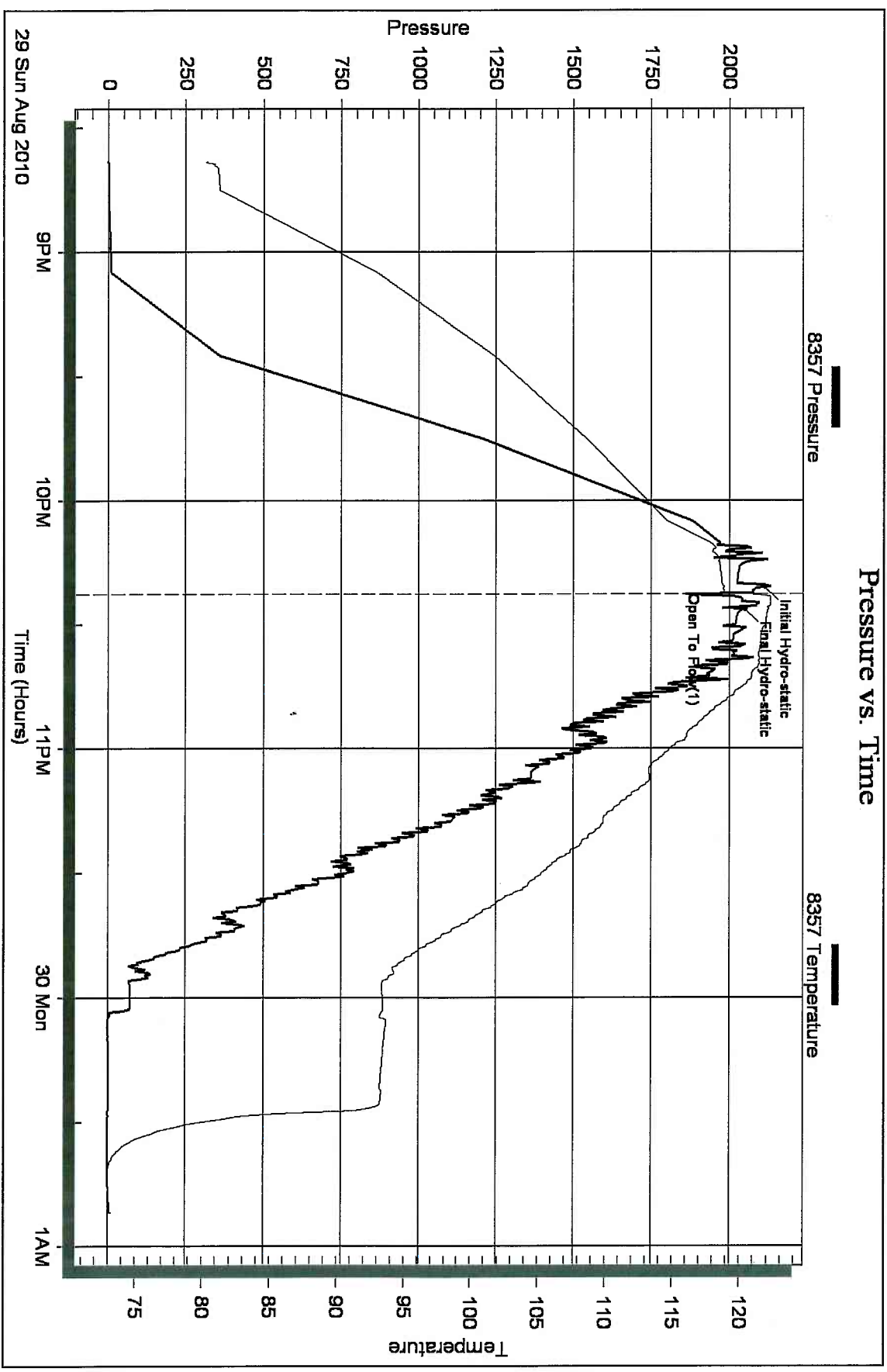
Serial #: 8357

Inside FIML Natural Resources LLC

33-18-31 Scott KS

DST Test Number: 4

Pressure vs. Time



Tillobite Testing, Inc

Ref. No: 40204

Printed: 2010.09.08 @ 11:07:25 Page 5



DRILL STEM TEST REPORT

Prepared For: **FIML Natural Resources LLC**

410 17th Street
Suite 900
Denver, CO 80202-4420

ATTN: Jim Musgrove

33-18-31 Scott KS

Pfenninger 1C 33-1831

Start Date: 2010.08.30 @ 01:03:00
End Date: 2010.08.30 @ 10:21:47
Job Ticket #: 40205
DST #: 5

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

DRILL STEM TEST REPORT



FML Natural Resources LLC
 410 17th Street
 Suite 900
 Denver, CO 80202-4420
 ATTN: Jim Musgrove

Pfenninger 1C 33-1831
 33-18-31 Scott KS
 Job Ticket: 40205
 DST#: 5
 Test Start: 2010.08.30 @ 01:03:00

GENERAL INFORMATION:

Formation: **Marmaton**
 Deviated: **No** Whipstock: **ft (KB)**
 Time Tool Opened: 02:53:30
 Time Test Ended: 10:21:47
 Interval: **4287.00 ft (KB) To 4400.00 ft (KB) (TVD)**
 Total Depth: **4400.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Good**
 Reference Elevations: **2950.00 ft (KB)**
 2939.00 ft (CF)
 11.00 ft
 KB to G/CF:

Serial #: 8357

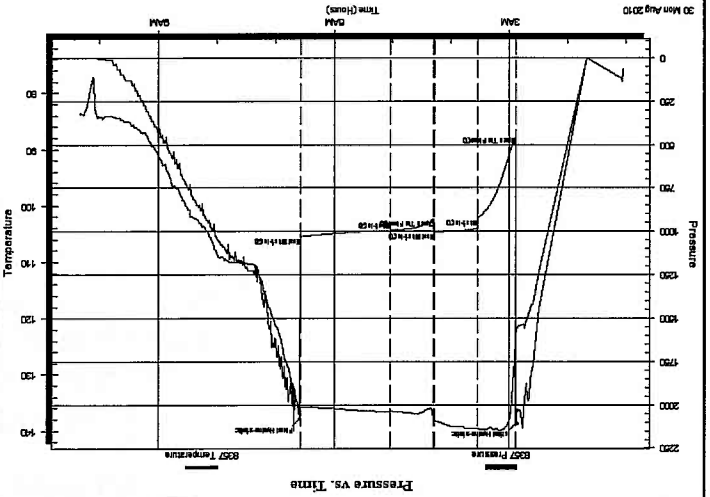
Inside
 Press@RunDepth: **995.75 psig @ 4292.00 ft (KB)**
 Start Date: 2010.08.30
 End Date: 2010.08.30
 Start Time: 01:03:05
 End Time: 10:21:48
 Capacity: **8000.00 psig**
 Last Call: 2010.08.30
 Time On Btm: 2010.08.30 @ 02:52:12
 Time Off Btm: 2010.08.30 @ 06:35:12

TEST COMMENT:

F: B.O.B. @ 1 min.
 IS: B.O.B. @ 16 min.
 FF: B.O.B. @ 4 min.
 FSI: Weak return died @ 7 min.

PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2103.06	122.03	Initial Hydro-static
2	454.48	123.66	Open To Flow (1)
41	924.40	139.62	Shut-in(1)
86	1005.36	138.17	End Shut-in(1)
86	931.09	138.04	Open To Flow (2)
131	995.75	136.53	Shut-in(2)
222	1030.71	135.69	End Shut-in(2)
224	2079.29	136.24	Final Hydro-static



Recovery

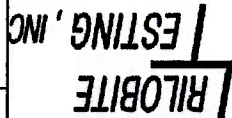
Length (ft)	Description	Volume (bbl)
180.00	GOCM 10%G 20%O 70%M	0.89
620.00	GO 20%G 80%O	8.15
1825.00	GO 30%G 70%O	25.60
0.00	340 Feet Weak GIP	0.00

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcfd)

DRILL STEM TEST REPORT

TOOL DIAGRAM



FML Natural Resources LLC

Fenninger 1C 33-1831

410 17th Street

33-18-31 Scott KS

Suite 900

Job Ticket: 40205

Denver, CO 80202-4420

DST#:5

ATTN: Jim Musgrove

Test Start: 2010.08.30 @ 01:03:00

Tool Information

Drill Pipe: Length: 4051.00 ft Diameter: 3.80 inches Volume: 56.82 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: 30000.00 lb
 Drill Collar: Length: 240.00 ft Diameter: 2.25 inches Volume: 1.18 bbl Weight to Pull Loose: 80000.00 lb
 Tool Chased 0.00 ft
 String Weight: Initial 64000.00 lb Final 72000.00 lb
 Drill Pipe Above KB: 27.50 ft Total Volume: 58.00 bbl
 Depth to Top Packer: 4287.00 ft
 Depth to Bottom Packer: ft
 Interval between Packers: 117.00 ft
 Tool Length: 140.50 ft
 Number of Packers: 2 Diameter: 6.75 inches
 Tool Comments:

Tool Description

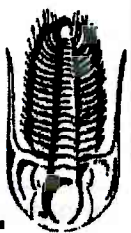
Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Change Over Sub	1.00		4264.50	
Shut In Tool	5.00		4269.50	
Hydraulic tool	5.00		4274.50	
Jars	5.00		4279.50	
Safety Joint	2.50		4282.00	
Packer	5.00		4287.00	23.50
Packer - Shale	4.00		4291.00	
Stub	1.00		4292.00	
Recorder	0.00	Inside	4292.00	
Recorder	0.00	Outside	4292.00	
Perforations	14.00		4306.00	
Change Over Sub	1.00		4307.00	
Drill Pipe	93.00		4400.00	
Change Over Sub	1.00		4401.00	
Bullnose	3.00		4404.00	117.00
Total Tool Length: 140.50				

Anchor Tool

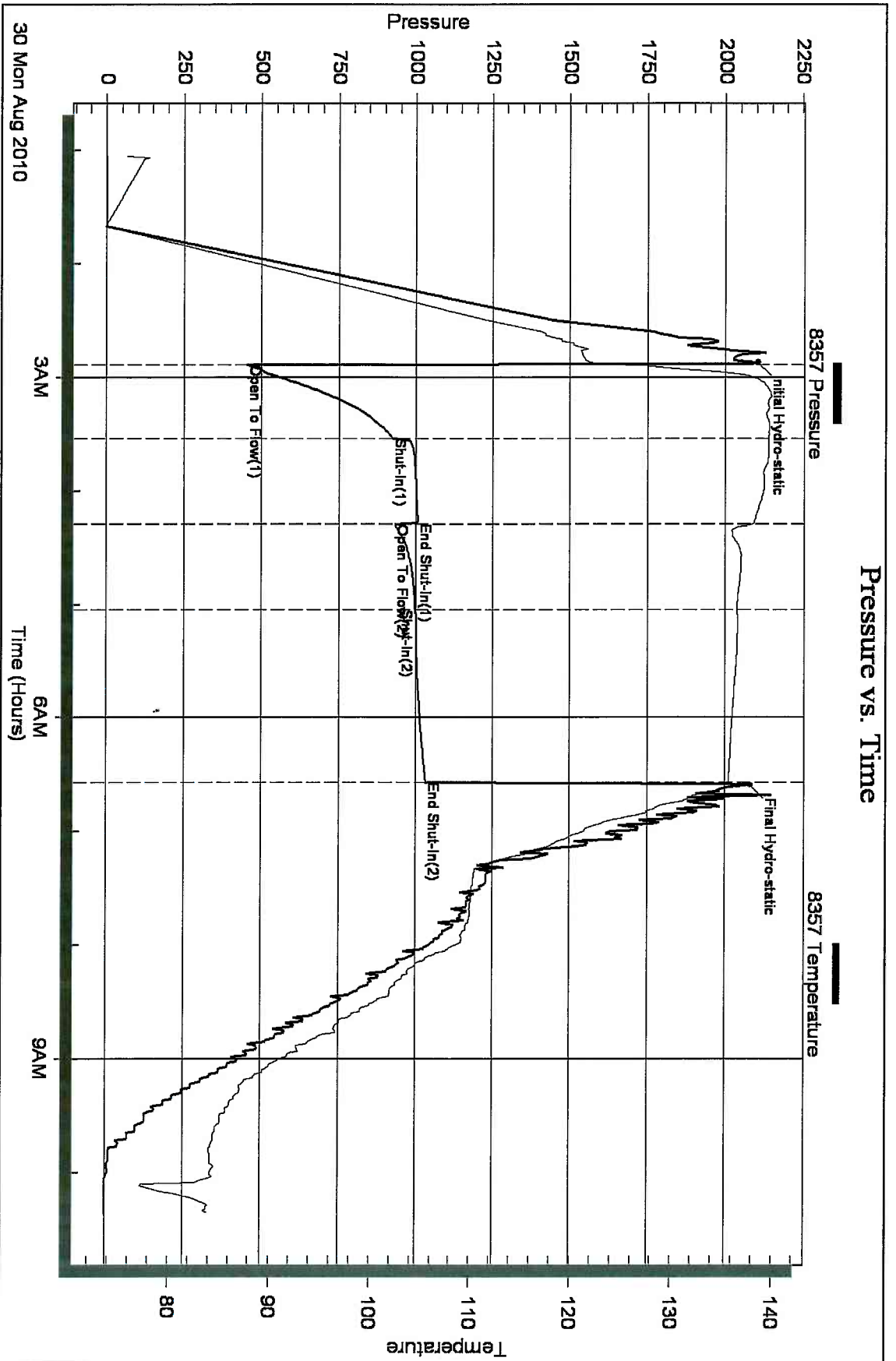
Recovery Information	
Recovery Comments: API 29 @ 60 Degrees F = 29	
Laboratory Name:	
Laboratory Location:	
Num Fluid Samples: 0	Num Gas Bombs: 0
Serial #:	
Total Length: 2625.00 ft	Total Volume: 34.635 bbl
180.00	GOCM 10%G 20%O 70%M
620.00	GO 20%G 80%O
1825.00	GO 30%G 70%O
0.00	340 Feet Weak GIP
0.000	Volume
	Description
	Length ft

Mud and Cushion Information	
Mud Type: Gel Chem	Mud Weight: 9.00 lb/gal
Resistivity: 0.00 ohm.m	Viscosity: 54.00 sec/qt
Salinity: 1200.00 ppm	Water Loss: 7.18 in ³
Filter Cake: 1.00 inches	Cushion Type:
	Cushion Length: ft
	Cushion Volume: bbl
	Gas Cushion Type: psig
	Gas Cushion Pressure: psig
	Oil API: 29 deg API
	Water Salinity: 0 ppm

 <p>TRILOBITE TESTING, INC</p>	<p>DRILL STEM TEST REPORT</p> <p>FLUID SUMMARY</p>
	<p>FML Natural Resources LLC</p> <p>410 17th Street</p> <p>Suite 900</p> <p>Denver, CO 80202-4420</p> <p>ATTN: Jim Musgrove</p> <p>Test Start: 2010.08.30 @ 01:03:00</p>

33-18-31 Scott KS
 Pfenninger 1C 33-1831
 Job Ticket: 40205
 DST#: 5

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **FIML Natural Resources LLC**

410 17th Street

Suite 900

Denver, CO 80202-4420

ATTN: Jim Musgrove

33-18-31 Scott KS

Pfenninger 1C 33-1831

Start Date: 2010.08.31 @ 04:41:00

End Date: 2010.08.31 @ 12:48:54

Job Ticket #: 40206 DST #: 6

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

DRILL STEM TEST REPORT



FML Natural Resources LLC
 410 17th Street
 Suite 900
 Denver, CO 80202-4420
 ATTN: Jim Musgrove

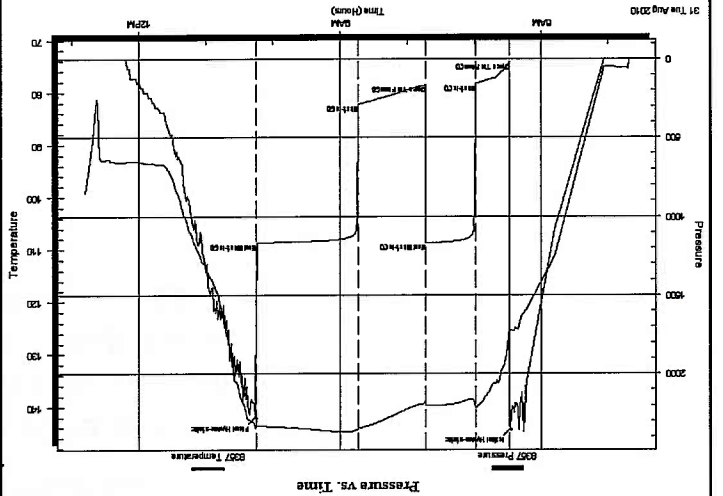
Pfenninger 1C 33-1831
 33-18-31 Scott KS
 Job Ticket: 40206
 DST#: 6
 Test Start: 2010.08.31 @ 04:41:00

GENERAL INFORMATION:

Formation: Spergen
 Deviated: No
 Whipstock: No
 Test Type: Conventional Bottom Hole
 Tester: Chuck Smith
 Unit No: 37
 Reference Elevations: 2950.00 ft (KB)
 2939.00 ft (CF)
 11.00 ft
 Interval: 4578.00 ft (KB) To 4604.00 ft (KB) (TVD)
 Total Depth: 4604.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches
 Condition: Good

Serial #: 8357
 Inside
 Press@RunDepth: 290.57 psig @
 4581.00 ft (KB)
 Start Date: 2010.08.31
 End Date: 2010.08.31
 Start Time: 04:41:05
 End Time: 12:48:54
 Capacity: 8000.00 psig
 Last Call: 2010.08.31
 Time On Btm: 2010.08.31 @ 06:27:24
 Time Off Btm: 2010.08.31 @ 10:15:36

TEST COMMENT: F: B.O.B. @ 22 min.
 IS: 2" Return.
 FF: B.O.B. @ 16 min.
 FS: 1 1/2" Return.



PRESSURE SUMMARY

Annotation	Temp (deg F)	Pressure (psig)	Time (Min.)
Initial Hydro-static	125.39	2350.20	0
Open To Flow (1)	124.79	23.71	2
Shut-In (1)	140.21	159.01	32
Open To Flow (2)	139.70	1169.88	77
End Shut-In (1)	139.24	169.06	77
Open To Flow (2)	144.05	290.57	137
Shut-In (2)	143.58	1167.70	228
End Shut-In (2)	143.95	2276.66	229
Final Hydro-static			

Gas Rates

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

Recovery

Length (ft)	Description	Volume (bbl)
240.00	OSMW 15%M 85%W	1.18
124.00	GOMCW 5%G 10%O 15%M 70%W	1.74
341.00	GO 20%G 80%O	4.78
0.00	341 Feet GIP	0.00

DRILL STEM TEST REPORT

TOOL DIAGRAM



FML Natural Resources LLC

Pfenninger 1C 33-1831

410 17th Street

33-18-31 Scott KS

Suite 900

Job Ticket: 40206

Denver, CO 80202-4420

DST#:6

ATTN: Jim Musgrove

Test Start: 2010.08.31 @ 04:41:00

Tool Information

Drill Pipe: Length: 4336.00 ft Diameter: 3.80 inches Volume: 60.82 bbl Tool Weight: 2100.00 lb
 Heavy Wt. Pipe: Length: 0.00 ft Diameter: 0.00 inches Volume: 0.00 bbl Weight set on Packer: 22000.00 lb
 Drill Collar: Length: 240.00 ft Diameter: 2.25 inches Volume: 1.18 bbl Weight to Pull Loose: 70000.00 lb
 Drill Pipe Above KB: 18.00 ft Total Volume: 62.00 bbl Tool Chased 0.00 ft
 Depth to Top Packer: 4578.00 ft String Weight: Initial 64000.00 lb Final 66000.00 lb
 Depth to Bottom Packer: ft
 Interval between Packers: 26.00 ft
 Tool Length: 46.00 ft
 Number of Packers: 2 Diameter: 6.75 inches
 Tool Comments:


Tool Description

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

Change Over Sub	1.00	4559.00			
Shut In Tool	5.00	4564.00			
Hydraulic tool	5.00	4569.00			
Packer	5.00	4574.00		20.00	Bottom Of Top Packer
Packer	4.00	4578.00			
Stub	1.00	4579.00			
Perforations	2.00	4581.00			
Recorder	0.00	4581.00	Inside		
Recorder	0.00	4581.00	Outside		
Perforations	0.00	4581.00			
Perforations	20.00	4601.00			
Bullnose	3.00	4604.00			
Total Tool Length:	46.00				

Recovery Information																
Recovery Comments: API 33 @ 100 Degrees F=29																
Laboratory Name:																
Laboratory Location:																
Num Fluid Samples: 0	Num Gas Bombs: 0															
Serial #:																
Total Length: 705.00 ft	Total Volume: 7.702 bbl															
<table border="1"> <thead> <tr> <th>Length ft</th> <th>Description</th> <th>Volume bbl</th> </tr> </thead> <tbody> <tr> <td>240.00</td> <td>OSMW 15%M 85%W</td> <td>1.180</td> </tr> <tr> <td>124.00</td> <td>GOMCW 5%G 10%O 15%M 70%W</td> <td>1.739</td> </tr> <tr> <td>341.00</td> <td>GO 20%G 80%O</td> <td>4.783</td> </tr> <tr> <td>0.00</td> <td>341 Feet GP</td> <td>0.000</td> </tr> </tbody> </table>		Length ft	Description	Volume bbl	240.00	OSMW 15%M 85%W	1.180	124.00	GOMCW 5%G 10%O 15%M 70%W	1.739	341.00	GO 20%G 80%O	4.783	0.00	341 Feet GP	0.000
Length ft	Description	Volume bbl														
240.00	OSMW 15%M 85%W	1.180														
124.00	GOMCW 5%G 10%O 15%M 70%W	1.739														
341.00	GO 20%G 80%O	4.783														
0.00	341 Feet GP	0.000														

Mud and Cushion Information	
Mud Type: Gel Chem	Cushion Type:
Mud Weight: 9.00 lb/gal	Cushion Length: ft
Viscosity: 57.00 sec/qt	Cushion Volume: bbl
Water Loss: 6.39 in ³	Gas Cushion Type: psig
Resistivity: 0.00 ohm.m	Gas Cushion Pressure:
Salinity: 1300.00 ppm	Filter Cake: 1.00 inches

	DRILL STEM TEST REPORT FLUID SUMMARY
	FML Natural Resources LLC 410 17th Street Suite 900 Denver, CO 80202-4420 ATTN: Jim Musgrove Test Start: 2010.08.31 @ 04:41:00

Penninger 1C 33-1831
 33-18-31 Scott KS
 Job Ticket: 40206
 DST#: 6

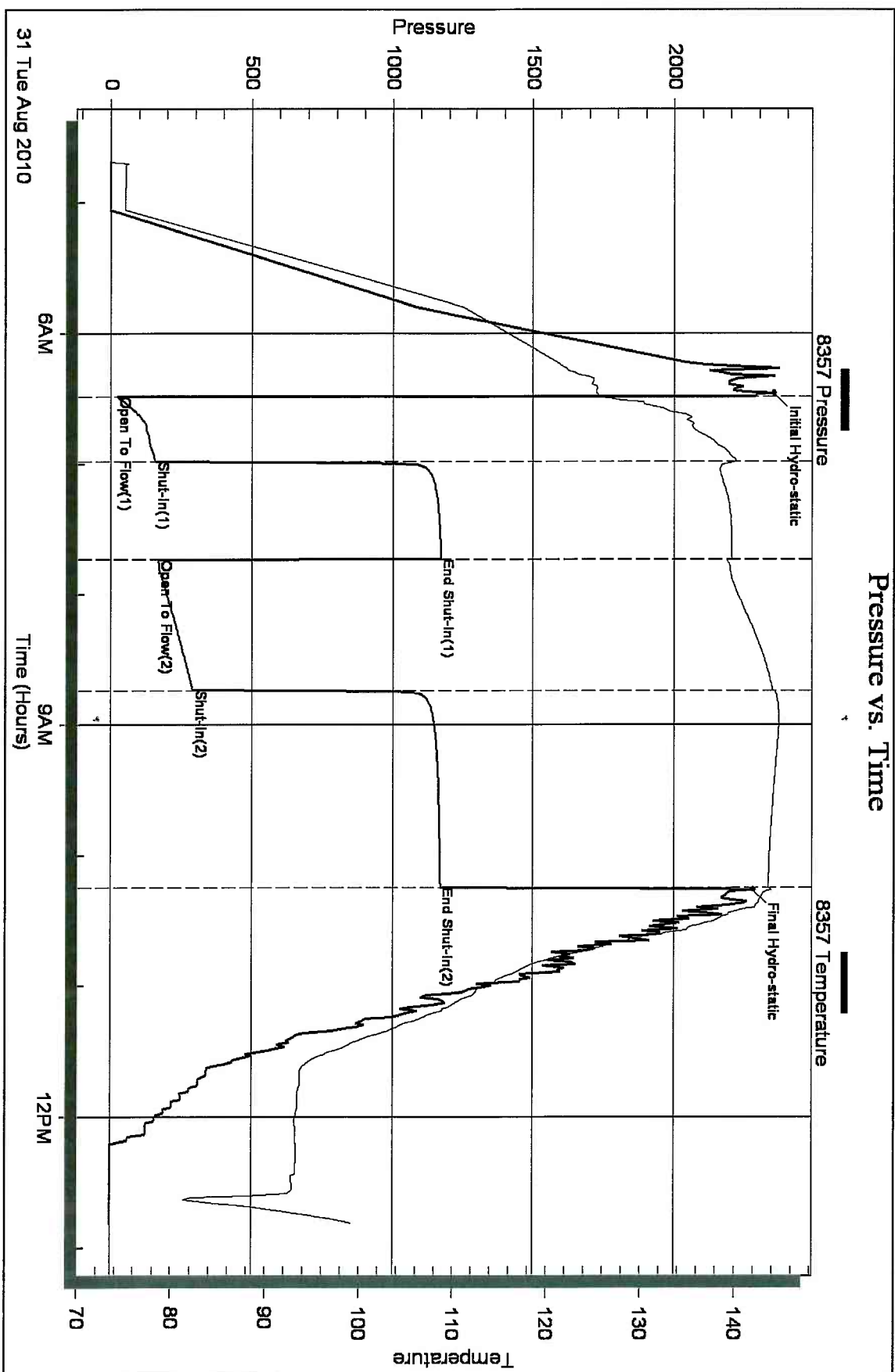
Serial #: 8357

Inside

FIML Natural Resources LLC

33-18-31 Scott KS

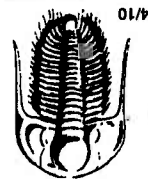
DST Test Number: 6



Test Ticket
NO. 040201

RECEIVED
AUG 30 2010

P.O. Box 1733 • Hays, Kansas 67601



TRILOBITE TESTING INC.

Well Name & No. Pfenninger 1C 33-1831 Test No. 1 Date 8-27-10

Company FIMT Elevation 2950 KB 2939 GL

Address 410 17th St. 900 Denver, CO 80202

Co. Rep / Geo. Gary Duke / Jim Musgrave Fig M-21

Location: Sec. 33 Twp. 18 Rge. 31 Co. Scott State K3

Interval Tested	Anchor Length	Top Packer Depth	Bottom Packer Depth	Total Depth	Blow Description
4106 - 4153	47	4102	4106	4153	IF: B.O.B. @ 18 1/2 min
Zone Tested	Drill Pipe Run	Drill Collars Run	Wt. Pipe Run	Chlorides	
LKC 6'	3862	240	0	1,100	
	Mud Wt.	Vis	WL	LCM	
	9.2	48	7.6	8	

ISI: No return
FT: B.O.B. @ 36 min
FSI: No return

Rec	Feet of	%gas	%oil	%water
5	Feet of OSMW			50
566	Feet of BSMW			60
240	Feet of MW			95

Rec Total	BHT	Gravity	API RW	F Chlorides
811	132	-	1.75 @ 91	30,000

Rec	Feet of	%gas	%oil	%water
5	Feet of OSMW			50
566	Feet of BSMW			60
240	Feet of MW			95

Approved By [Signature]

Our Representative Chuck Smith

Sub Total 1580

MP/DST Disc't _____

Total 1580

Sub Total 0

Extra Copies _____

Extra Recorder _____

Extra Packer _____

Shale Packer _____

Straddle _____

Sampler _____

Mileage 24RT 30

Hourly Standby _____

Circ Sub NIC

Safety Joint 75

Jars 250

Test 1,225

Comments _____

T-Out 18:47

T-Pulled 16:26

T-Open 12:40

T-Started 10:58

T-On Location 10:20

(A) Initial Hydrostatic 2079

(B) First Initial Flow 19

(C) First Final Flow 153

(D) Initial Shut-In 1049

(E) Second Initial Flow 163

(F) Second Final Flow 291

(G) Final Shut-In 1047

(H) Final Hydrostatic 2032

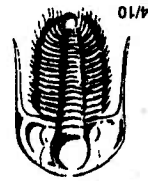
Initial Open 30

Initial Shut-In 45

Final Flow 60

Final Shut-In 90

Triobite Testing Inc. shall not be liable for damaged or 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.



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

SEP 02 2010

Test Ticket
NO. 04202

Well Name & No. Penninger LC 33-1831 Test No. 2 Date 8-28-10

Company FIML Elevation 2950 KB 2939 GL

Address 410 17th St. Ste. 900 Denver, CO 80202

Co. Rep / Geo. Gary Duke / Jim Musgrave Rig MDR #21

Location: Sec. 33 Twp. 18 Rge. 31 Co. Scott State KS

Interval Tested 4181-4206 Zone Tested LKC 'I'

Anchor Length 25 Drill Pipe Run 3925 Mud Wt. 9.4

Top Packer Depth 4177 Drill Collars Run 240 Vis 50

Bottom Packer Depth 4181 Wt. Pipe Run 0 WL 7.6

Total Depth 4206 Chlorides ppm System 4100 LCM 5

Blow Description IF: B.O.B. @ 15 min.

IS: No return.

FF: B.O.B. @ 20 min.

FS: No return.

Rec	Feet of	%gas	%oil	%water	%mud
Rec 1	Feet of CO	100			
Rec 34	Feet of SOCMW	1		84	15
Rec 550	Feet of MW			95	5

Rec Total 585 BHT 134 Gravity — API RW 200 @ 77 ° F Chlorides 31,000 ppm

(A) Initial Hydrostatic 2102 Test 1225

(B) First Initial Flow 26 Jars 250

(C) First Final Flow 168 Safety Joint 75

(D) Initial Shut-In 923 Circ Sub N/C

(E) Second Initial Flow 173 Hourly Standby

(F) Second Final Flow 280 Mileage 24KT

(G) Final Shut-In 935 Sampler

(H) Final Hydrostatic 2,065 Straddle

Initial Open 30 Shale Packer

Initial Shut-In 30 Extra Packer

Final Flow 45 Extra Recorder

Final Shut-In 60 Day Standby

Sub Total 1580 Accessability

MP/DST Disc 1580

Sub Total 0

Extra Copies

Ruined Packer

Ruined Shale Packer

Comments

T-Out 9:58

T-Pulled 7:53

T-Open 5:08

T-Started 2:22

T-On Location 3:10

Approved By [Signature]

Our Representative [Signature]

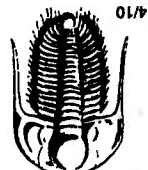
Trilobite Testing Inc. shall not be liable for damaged or destroyed property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

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...	3000
...	30
...	38
...	11
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...	300
...	10

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TRIOBIT TESTING INC. P.O. Box 1733 • Hays, Kansas 67601

RECEIVED SEP 02 2010

Test Ticket NO. 04203

Well Name & No. Pfenninger 1C 33-1831 Company FIML

Address 410 174 St. Ste. 900 Denver, CO 80202

Co. Rep / Geo. Gary Duke, Jim Musgrave Rig MDC #21

Location: Sec. 33 Twp. 18 Rge. 31 Co. Scott State KS

Test No. 3 Date 8-29-10 Elevation 2950 KB 2939 GL

Interval Tested	Anchor Length	Top Packer Depth	Bottom Packer Depth	Total Depth	Blow Description
4210 - 4319	4206 109	4206	4210	4319	IF: 3 1/2" Blow
					ISI: No return
					FF: 2 1/2" Blow
					FST: No return

Rec	Feet of	%gas	%oil	%water	%mud
Rec	30	50CM	1	99	
Rec	120	05M		100	
Rec	60	50CWM	3	25	72
Rec					

Rec Total 210 BHT 128 Gravity — API RW 250 @ 70 ° F Chlorides 27,000 ppm

T-On Location 1:10 T-Started 1:27 T-Open 3:16 T-Pulled 6:03 T-Out 8:12 Comments 30'

(A) Initial Hydrostatic 2126 (B) First Initial Flow 25 (C) First Final Flow 59 (D) Initial Shut-In 933 (E) Second Initial Flow 65 (F) Second Final Flow 115 (G) Final Shut-In 935 (H) Final Hydrostatic 2104

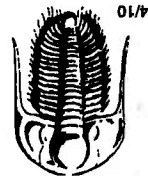
Initial Open 30 Initial Shut-In 30 Final Flow 45 Final Shut-In 60 Sub Total 1580

MP/DST Disc't _____ Total 1580 Sub Total 0 Extra Copies _____ Extra Packer _____ Ruined Packer _____ Ruined Shale Packer _____

Shale Packer _____ Safety Joint 75 Jars _____ Test 1225 Mileage 24 Hourly Standby _____ Circ Sub N/C Sampler _____ Straddle _____ Extra Recorder _____ Day Standby _____ Accessibility _____

Sub Total 1580 Our Representative Chuck Smith Approved By [Signature]

Triobit Testing Inc. shall not be liable for damaged or personnel of the property or person of any kind 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.



TRIOBITT TESTING INC.
P.O. Box 1733 • Hays, Kansas 67601

Test Ticket NO. 04204

RECEIVED SEP 02 2010

Well Name & No. Pfennenger LC 33-1831 Test No. 4 Date 8-29-10

Company FIML Elevation 2950 KB 2939 GL

Address 410 17th St. Ste. 900 Denver, CO 80202

Co. Rep / Geo. Gary Dake / Jim Musgrave Rig MDC #21

Location: Sec. 33 Twp. 18 Rge. 31 Co. Scott State KS

Interval Tested	Anchor Length	Top Packer Depth	Bottom Packer Depth	Total Depth	Zone Tested	Drill Pipe Run	Drill Collars Run	WT. Pipe Run	Chlorides ppm System	LCM	Blow Description
4301-4400	99	4297	4301	4400	Marmaton	4050	240	0	1,200	4	IF: Packer seat failed, reset tool, packer seat failed, pulled tool.

Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	100% mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total	BHT	Gravity	API RW	@	F Chlorides	ppm
457						

Rec Total 457 BHT 2114 Gravity 1.025 API RW 250 @ 75 F Chlorides 1380 ppm

(A) Initial Hydrostatic 2114

(B) First Initial Flow 1,861

(C) First Final Flow N/A

(D) Initial Shut-In N/A

(E) Second Initial Flow N/A

(F) Second Final Flow N/A

(G) Final Shut-In 2048

(H) Final Hydrostatic 2048

Initial Open N/A

Initial Shut-In _____

Final Flow _____

Final Shut-In _____

Approved By [Signature]

Our Representative [Signature]

Sub Total 1380

MP/DST Disc't _____

Sub Total 1380

Extra Copies 0

Extra Packer _____

Ruined Packer _____

Ruined Shale Packer _____

Shale Packer _____

Straddle _____

Sampler _____

Hourly Standby _____

Mileage 24 30

Hourly Standby _____

Circ Sub N/A

Safety Joint _____

Jars _____

Test _____

T-On Location 20:30

T-Started 20:38

T-Open 22:23

T-Pulled 22:24

T-Out 00:52

Comments _____

Triobitt Testing Inc. shall not be liable for damaged or 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.

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1310

1310

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1310

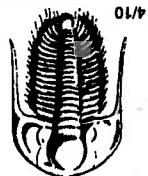
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TRILOBIT TESTING INC.
P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
SEP 02 2010

Test Ticket
NO. 040205

Well Name & No. Pfeanager 1c 33-1831 Test No. 5 Date 8-30-10

Company FIML Elevation 2950 KB 2938 GL

Address 410 17th St. Ste 900 Denver, CO 80202

Co. Rep / Geo. Gary Duke / Jim Musgrave Rig MDR #21

Location: Sec. 33 Twp. 18 Rge. 31 Co. Scott State Ks

Interval Tested	Zone Tested	Mud Wt.	Vis	WT	Chlorides	Total Depth	Blow Description
4287-4400	Marmaton	9.2	54	2.2	1,200 ppm System	4400	IF: B.O.B. 1 min.
							IS: B.O.B. @ 16 min.
							FF: B.O.B. @ 4 min.
							FST: Weak return d.c.d @ 2 min.

Rec	Feet of	%gas	%oil	%water	%mud
Rec	1825	60	30	70	
Rec	620	60	20	80	
Rec	180	60CM	10	20	70
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total	BHT	Gravity	API RW	@	F Chlorides	ppm
2625	131	29				
(A) Initial Hydrostatic	2103					
(B) First Initial Flow	454					
(C) First Final Flow	924					
(D) Initial Shut-In	1005					
(E) Second Initial Flow	931					
(F) Second Final Flow	996					
(G) Final Shut-In	1031					
(H) Final Hydrostatic	2,079					

Initial Open 38 (slip problems)

Initial Shut-In 45

Final Flow 45

Final Shut-In 90

Approved By [Signature]

Our Representative Church Amick

Sub Total 1830

MP/DST Disc't 1830

Total 1830

Sub Total 0

Extra Copies 0

Extra Recorder 0

Extra Packer 0

Shale Packer 250

Straddle 0

Sampler 0

Mileage 24 get shale 20

Hourly Standby 0

Circ Sub NIC

Safety Joint 75

Jars 250

Test 1,225

T-On Location DD:53

T-Started 1:03

T-Open 2:54

T-Pulled 6:34

T-Out 10:22

Comments 340' GIR (weak)

TRILOBIT TESTING INC. shall not be liable for damaged or 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.

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180
190
185

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TRILOBIT TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
SEP 02 2010

NO. 040206

Test Ticket

Well Name & No. Pfeeninger 1C 33-1831 Company FIM
 Address 410 17th St. Ste 900 Denver, CO 80202
 Co. Rep / Geo. Gary Duke / Jim Musgrave
 Location: Sec. 33 Twp. 18 Rge. 31 Co. Scott State KS
 Elevation 2950 KB 2938 GL
 Test No. 6 Date 8-31-10

Interval Tested	Zone Tested	Drill Pipe Run	Drill Collars Run	WT. Pipe Run	Chlorides ppm System	LCM	Mud Wt.	Vis	WT	Total Depth	Blow Description
4578-4604	Speygen	4336	240	0	1300	6	9.2	57	6.4	4604	IF: B.O.B. @ 22 min. ISI: 2" Return. FF: B.O.B. @ 16 min. FSI: 1 1/2" Return.
341	60	20	80								
124	60MCV	5	10								
240	Feet of 05MW										

Rec	Feet of	%gas	%oil	%water	%mud	Rec Total	BHT	#-144 Gravity	API RW .360 @ 102 °F Chlorides
341	60	20	80			705	#-144	29	13000 ppm
124	Feet of 60MCV								
240	Feet of 05MW								

Rec	Feet of	%gas	%oil	%water	%mud	Rec Total	(A) Initial Hydrostatic	(B) First Initial Flow	(C) First Final Flow	(D) Initial Shut-In	(E) Second Initial Flow	(F) Second Final Flow	(G) Final Shut-In	(H) Final Hydrostatic
341	60	20	80			705	2350	24	159	1170	169	291	1168	2127
124	Feet of 60MCV													
240	Feet of 05MW													

Approved By: [Signature]
 Our Representative: Charles Bruch
 Sub Total: 1255
 MP/DST Disc't _____
 Total: 1515
 Sub Total: 2400
 Extra Copies _____
 Ruined Packer _____
 Ruined Shale Packer _____
 Shale Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____
 Safety Joint _____
 Circ Sub _____
 Hourly Standby _____
 Mileage: 24
 Sampler _____
 Straddle _____
 T-On Location: 4:15
 T-Started: 4:41
 T-Open: 6:29
 T-Pulled: 10:15
 T-Out: 12:49
 Comments: 341, 610

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1924

DATE	DESCRIPTION	AMOUNT	BALANCE
Jan 1	Balance
Jan 15
Jan 30
Feb 15
Feb 30
Mar 15
Mar 30
Apr 15
Apr 30
May 15
May 30
Jun 15
Jun 30
Jul 15
Jul 30
Aug 15
Aug 30
Sep 15
Sep 30
Oct 15
Oct 30
Nov 15
Nov 30
Dec 15
Dec 30
Total	

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