

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

**ORIGINAL**

Form ACO-1  
September 1999  
Form Must Be Typed

**CONFIDENTIAL**

**WELL COMPLETION FORM**  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

10/14/12

Operator: License # 33476  
 Name: FIML Natural Resources, LLC  
 Address: 410 17th Street Ste. 900  
 City/State/Zip: Denver, CO. 80202  
 Purchaser: NCRA  
 Operator Contact Person: Cassandra Parks  
 Phone: (303) 893-5090  
 Contractor: Name: Murfin Drilling Company  
 License: 30606  
 Wellsite Geologist: \_\_\_\_\_  
 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>07/17/2010</u>	<u>07/25/2010</u>	<u>09/09/2010</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

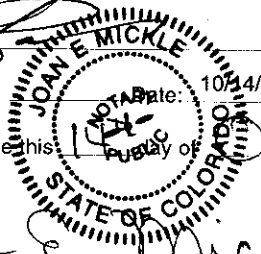
**KCC**  
**OCT 14 2010**  
**CONFIDENTIAL**

API No. 15 - 171-20762-00-00  
 County: Scott  
 NW SE    SW    SE    Sec. 9    Twp. 19    S. R. 31     East  West  
1,320 feet from S / N (circle one) Line of Section  
3,430 feet from E / W (circle one) Line of Section  
 Footages Calculated from Nearest Outside Section Corner:  
 (circle one)    NE    SE    NW    SW  
 Lease Name: Eitel    Well #: 10D-9-1931  
 Field Name: Unknown  
 Producing Formation: Mississippi  
 Elevation: Ground: 2960'    Kelly Bushing: 2972'  
 Total Depth: 4804'    Plug Back Total Depth: 4760'  
 Amount of Surface Pipe Set and Cemented at 9 jts 8-5/8" @ 390 Feet  
 Multiple Stage Cementing Collar Used?     Yes     No  
 If yes, show depth set DV tool @ 3009 Feet  
 If Alternate II completion, cement circulated from 3009  
 feet depth to surface    w/ 490    sx cmt.  
**Drilling Fluid Management Plan** ATTN: 10-20-10  
(Data must be collected from the Reserve Pit)  
 Chloride content 11,000 ppm    Fluid volume 900 bbls  
 Dewatering method used Evaporation/backfill  
 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: Regulatory Specialist  
 Subscribed and sworn to before me this 14th day of October  
2010  
 Notary Public: Joan E. Mickle  
 Date Commission Expires: 10/17/2012



**KCC Office Use ONLY**

Letter of Confidentiality Received 10/11/10 - 10/14/12

If Denied, Yes  Date: \_\_\_\_\_

Wireline Log Received

Geologist Report Received **RECEIVED**

UIC Distribution

**OCT 18 2010**

KCC WICHITA

Operator Name: FIML Natural Resources, LLC Lease Name: Eitel Well #: 10D-9-1931  
 Sec. 9 Twp. 19 S. R. 31  East  West County: Scott

**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)  
 List All E. Logs Run:

<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Name	Top	Datum
Topeka	3654'	-682
Heebner	3901'	-929
Lansing	3939'	-967
Marmaton	4354'	-1382
Cherokee	4504'	-1532
Mississippi	4578'	-1606

**SpectralDensity/DualSpacedNeutron/ArrayComp  
 TrueResistivity/Microlog**

CASING RECORD <input checked="" 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
Surface	12-1/4"	8-5/8"	23	390'	Class "A"	240	2% gel 3% CaCl <sub>2</sub> .5 pps flo
Production	7-7/8"	5-1/2"	15.5	4798'	ASC	280	2% gel 10% salt 5pps gll .25 gll
				DV tool @ 3009'	Lightweight	490	5 pps gll 0.25 flo

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input checked="" type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	Mouse and rat hole	Lightweight	30	5 pps Gilsonite 0.25 pps Flocele

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	
1	4612-15'		Acidized w/ 500 gal 15% MCA	4612-15'
1	4600-04' & 4606-08'			

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2-7/8"	4715'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enh.			Producing Method		
09/21/2010			<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	72		72		

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

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

Production Interval



PO BOX 31 Russell, KS 67665

RECEIVED  
JUL 23 2010

2347

**INVOICE**

Invoice Number: 123591

Invoice Date: Jul 17, 2010

Page: 1

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

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

KCC  
OCT 14 2010  
CONFIDENTIAL

Customer ID	Well Name/ID or Customer P.O.	Payment Terms	
FIML	Eitel#10-D -9-1931	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Oakley	Jul 17, 2010	8/16/10

Quantity	Item	Description	Unit Price	Amount
340.00	MAT	Class A Common	15.45	5,253.00
6.00	MAT	Gel	20.80	124.80
12.00	MAT	Chloride	58.20	698.40
85.00	MAT	Flo Seal	2.50	212.50
364.00	SER	Handling	2.40	873.60
50.00	SER	Mileage 364 sx @ .10 per sk per mi	36.40	1,820.00
1.00	SER	Surface	1,018.00	1,018.00
95.00	SER	Extra Footage	0.85	80.75
50.00	SER	Pump truck Mileage	7.00	350.00
1.00	EQP	8.5/8 Texas Guide Shoe	298.00	298.00
1.00	EQP	8.5/8 AFU Insert	158.00	158.00
3.00	EQP	8.5/8 Centralizer	49.00	147.00
1.00	EQP	8.5/8 Surface Plug	68.00	68.00

RECEIVED  
OCT 18 2010  
KCC WICHITA

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

**\$ 2220.41**

ONLY IF PAID ON OR BEFORE  
**Aug 11, 2010**

Subtotal	11,102.05
Sales Tax	508.06
Total Invoice Amount	11,610.11
Payment/Credit Applied	
<b>TOTAL</b>	<b>11,610.11</b>

8100-145  
Adrian B...  
D09065  
- 2220.41  
**9389.70**

# ALLIED CEMENTING CO., LLC. 039041

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

**KCC**  
OCT 14 2010

SERVICE POINT:  
Oakley

DATE <u>7-17-10</u>	SEC. <u>9</u>	TWP. <u>19</u>	RANGE <u>31</u>	<b>CONFIDENTIAL</b>	CALLED OUT	ON LOCATION	JOB START <u>6:00 AM</u>	JOB FINISH <u>6:30 AM</u>
LEASE <u>EITEL</u>	WELL # <u>10-0</u>		LOCATION <u>scott city 8E 5S 1/2E</u>			COUNTY <u>scott</u>	STATE <u>ks</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)			<u>1/4 N E into</u>					

CONTRACTOR murfin Drilling Rig 21 OWNER same

TYPE OF JOB Surface

HOLE SIZE <u>12 1/4</u>	T.D. <u>395'</u>
CASING SIZE <u>8 5/8</u>	DEPTH <u>389.32</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG. <u>15'</u>	
PERFS.	
DISPLACEMENT <u>23.84 BBL</u>	

CEMENT

AMOUNT ORDERED 340 SKS com

3% CC 2% GEL 1/2# FLO-SEAL

COMMON <u>340</u>	@ <u>15.45</u>	<u>5253.00</u>
POZMIX	@	
GEL <u>6 SKS</u>	@ <u>20.80</u>	<u>124.80</u>
CHLORIDE <u>12 SKS</u>	@ <u>58.20</u>	<u>698.40</u>
ASC	@	
	@	
	@	
<u>FLO-seal 85#</u>	@ <u>2.80</u>	<u>238.00</u>
	@	
	@	
	@	
	@	
	@	
	@	
HANDLING <u>364 SKS</u>	@ <u>2.40</u>	<u>873.60</u>
MILEAGE <u>109 SK/mile</u>		<u>1820.00</u>
		<b>TOTAL <u>8982.30</u></b>

**EQUIPMENT**

PUMP TRUCK # <u>422</u>	CEMENTER <u>Andrew</u>
	HELPER <u>Wayne</u>
BULK TRUCK # <u>394</u>	DRIVER <u>Alan</u>
BULK TRUCK #	DRIVER

**REMARKS:**

Mix 240 SKS down 8 5/8 Release plug  
Displace. 150# Lift pressure 600#  
Land plug no circulation fluid Rose  
to approx 10' from surface TOP OFF  
with 100 SKS hole stayed full

*Thank you*

CHARGE TO: FIML

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

**SERVICE**

DEPTH OF JOB		
PUMP TRUCK CHARGE		<u>1018.00</u>
EXTRA FOOTAGE <u>95'</u>	@ <u>.85</u>	<u>80.75</u>
MILEAGE <u>50 miles</u>	@ <u>7.00</u>	<u>350.00</u>
MANIFOLD	@	
	@	
	@	
		<u>1448.75</u>
		<b>TOTAL <u>2877.25</u></b>

**PLUG & FLOAT EQUIPMENT**

<u>8 5/8</u>		
<u>1 Texas Guide shoe</u>	@	<u>298.00</u>
<u>1 AF4 INSERT</u>	@	<u>158.00</u>
<u>3 Centralizers</u>	@ <u>49.00</u>	<u>147.00</u>
<u>1 surface plug</u>	@	<u>68.00</u>
	@	
		<b>TOTAL <u>671.00</u></b>

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 Duke

SIGNATURE Gary Duke



PO BOX 31 Russell, KS 67665

2347

# RECEIVED INVOICE

AUG 06 2010

Invoice Number: 123740

Invoice Date: Jul 25, 2010

Page: 1

Voice: (785) 483-3887

Fax: (785) 483-5566

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

**KCC**  
**OCT 14 2010**  
**CONFIDENTIAL**

Customer ID	Well Name# or Customer P.O.	Payment Terms	
FIML	Eitel#10-D -7-1931	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-02	Oakley	Jul 25, 2010	8/24/10

Quantity	Item	Description	Unit Price	Amount
5.00	MAT	Gel	20.80	104.00
280.00	MAT	ASC Class A	18.60	5,208.00
1,400.00	MAT	Gilsontie	0.89	1,246.00
26.00	MAT	Salt	23.95	622.70
70.00	MAT	Flo Seal	2.50	175.00
500.00	MAT	WFR-2	1.27	635.00
357.00	SER	Handling	2.40	856.80
55.00	SER	Mileage 357 sx @.10 per sk per mi	35.70	1,963.50
1.00	SER	Production - Bottom Stage	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	Lock Ring	29.00	29.00
2.00	EQP	5.5 Basket	161.00	322.00
1.00	EQP	5.5 D V Tool	2,832.00	2,832.00
25.00	EQP	5.5 Centralizer	35.00	875.00

RECEIVED  
 OCT 18 2010  
 KCC WICHITA

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

\$ 3641.20

ONLY IF PAID ON OR BEFORE  
 Aug 19, 2010

Subtotal	18,206.00
Sales Tax	935.55
Total Invoice Amount	19,141.55
Payment/Credit Applied	
<b>TOTAL</b>	<b>19,141.55</b>

8200-118  
 Adam D. Blum  
 "1st stage"

-3641.20  
 15,500.35

# ALLIED CEMENTING CO., LLC. 039047

KCC

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

OCT 14 2010

SERVICE POINT:  
Oakley

CONFIDENTIAL

DATE <u>7-25-10</u>	SEC <u>9</u>	TWP <u>19</u>	RANGE <u>31</u>	CALLED OUT	ON LOCATION	JOB START <u>6:00pm</u>	JOB FINISH <u>6:30pm</u>
LEASE <u>Eitel</u>	WELL # <u>10-0</u>	LOCATION <u>scott city</u>				COUNTY <u>Scott</u>	STATE <u>ks</u>
OLD OR <input checked="" type="radio"/> NEW (Circle one)		<u>N E into</u>					

CONTRACTOR Murfin Drilling Rig 21  
 TYPE OF JOB Production (Bottom stage)  
 HOLE SIZE 7 7/8 T.D. 4805'  
 CASING SIZE 5 1/2 DEPTH 4798'  
 TUBING SIZE DEPTH  
 DRILL PIPE DEPTH  
 TOOL DV DEPTH 3009'  
 PRES. MAX MINIMUM  
 MEAS. LINE SHOE JOINT 21'  
 CEMENT LEFT IN CSG. 21'  
 PERFS.  
 DISPLACEMENT 113.62 1/2 water  
 EQUIPMENT 7 1/2 mud

PUMP TRUCK # 386-281 CEMENTER Andrew  
 HELPER Larene  
 BULK TRUCK # 373 DRIVER Darrin  
 BULK TRUCK # 394 DRIVER Wil

REMARKS:

Pump 500gal WFR-2 followed by 280 sks  
 Asc. wash pump and lines clean  
 Displace plug, 16000# LIFT  
 Land plug 2000#, float held  
 open by tool

thank you

CHARGE TO: FIML  
 STREET \_\_\_\_\_  
 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 Duke  
 SIGNATURE [Signature]

OWNER same  
 CEMENT  
 AMOUNT ORDERED 280 sks Asc 1085.17  
5# Gilsonite 209 gal 1/4" Flo-seal  
500 gal WFR-2  
 COMMON @ \_\_\_\_\_  
 POZMIX @ \_\_\_\_\_  
 GEL 5 sks @ 20.80 104.00  
 CHLORIDE @ \_\_\_\_\_  
 ASC 280 sks @ 18.60 5208.00  
Gilsonite 1400# @ .89 1246.00  
salt 26 sks @ 23.95 622.70  
Flo-seal 70# @ 2.50 175.00  
WFR-2 500gal @ 1.27 635.00  
 HANDLING 357 sks @ 2.40 856.80  
 MILEAGE 104 sk/mile 1963.50  
 RECEIVED TOTAL 10811.00

OCT 18 2010

SERVICE

KCC WICHITA  
 DEPTH OF JOB 4798'  
 PUMP TRUCK CHARGE 2185.00  
 EXTRA FOOTAGE @ \_\_\_\_\_  
 MILEAGE 55 miles @ 7.00 385.00  
 MANIFOLD @ \_\_\_\_\_  
 @ \_\_\_\_\_  
 @ \_\_\_\_\_

TOTAL 2570.00

5 1/2 PLUG & FLOAT EQUIPMENT  
 1 Sure seal float shoe 349.00  
 1 Sure seal float collar @ \_\_\_\_\_ 418.00  
 1 lock ring @ \_\_\_\_\_ 29.00  
 2 Baskets @ 161.00 322.00  
 1 DV TOOL @ \_\_\_\_\_ 2822.00  
 25 Centralizers @ 35.00 875.00  
 TOTAL 4825.00

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

# INVOICE

Invoice Number: 123741

Invoice Date: Jul 25, 2010

Page: 1

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

**KCC**  
OCT 14 2010  
CONFIDENTIAL

Customer ID	Well Name/# or Customer P.O.	Payment Terms	
FIML	Eitel#10-D -9- 1931	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-02	Oakley	Jul 25, 2010	8/24/10

Quantity	Item	Description	Unit Price	Amount
540.00	MAT	Lightweight Class A	14.05	7,587.00
2,700.00	MAT	Gilsonite	0.89	2,403.00
135.00	MAT	Flo Seal	2.50	337.50
636.00	SER	Handling	2.40	1,526.40
55.00	SER	Mileage 636 sx @ .10 per sk per mi	63.60	3,498.00
1.00	SER	Production - Top Stage	1,185.00	1,185.00

RECEIVED  
OCT 18 2010  
KCC WICHITA

<p>ALL PRICES ARE NET, PAYABLE 30 DAYS FOLLOWING DATE OF INVOICE. 1 1/2% CHARGED THEREAFTER. IF ACCOUNT IS CURRENT, TAKE DISCOUNT OF</p> <p>\$ 3307.38</p> <p>ONLY IF PAID ON OR BEFORE Aug 19, 2010</p>	Subtotal	16,536.90
	Sales Tax	753.91
	Total Invoice Amount	17,290.81
	Payment/Credit Applied	
	<b>TOTAL</b>	<b>17,290.81</b>

D 09065  
8200-118  
Adam O. Bl...  
"2nd Stage"  
- 3307.38  
13,983.43

# ALLIED CEMENTING CO., LLC. 039048

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

OCT 14 2010  
CONFIDENTIAL

SERVICE POINT: Oakley

DATE <u>7-25-10</u>	SEC <u>9</u>	TWP. <u>19</u>	RANGE <u>31</u>	CALLED OUT	ON LOCATION	JOB START <u>11:00pm</u>	JOB FINISH <u>12:00 A.M</u>
LEASE <u>Eitel</u>	WELL # <u>10-0</u>	LOCATION <u>scott city</u>		<u>8E 5S 1/2E</u>		COUNTY <u>scott</u>	STATE <u>KS</u>
OLD OR <input checked="" type="radio"/> NEW (Circle one)			<u>NE into</u>				

CONTRACTOR Murfin Drilling Rig 21  
 TYPE OF JOB Production (TOP Stage)  
 HOLE SIZE 2 7/8 T.D. 4805'  
 CASING SIZE 5/8 DEPTH 4798'  
 TUBING SIZE DEPTH  
 DRILL PIPE DEPTH  
 TOOL DV DEPTH 3009'  
 PRES. MAX MINIMUM  
 MEAS. LINE SHOE JOINT 21'  
 CEMENT LEFT IN CSG. 21  
 PERFS.  
 DISPLACEMENT 71.6 BBL

OWNER same  
 CEMENT  
 AMOUNT ORDERED 540 sks Lite  
5# Gilsonite 1/4" Flo-seal

EQUIPMENT

PUMP TRUCK CEMENTER Andrew  
 # 386-281 HELPER Larene  
 BULK TRUCK  
 # 394 DRIVER Wil  
 BULK TRUCK  
 # DRIVER

COMMON	@		
POZMIX	@		
GEL	@		
CHLORIDE	@		
ASC	@		
<u>Lite</u>	<u>540 sks</u>	@ <u>14.05</u>	<u>7587.00</u>
<u>Gilsonite</u>	<u>2700#</u>	@ <u>.89</u>	<u>2403.00</u>
<u>Flo-seal</u>	<u>135#</u>	@ <u>2.50</u>	<u>337.50</u>
HANDLING	<u>636 sks</u>	@ <u>2.40</u>	<u>1526.40</u>
MILEAGE	<u>10# sk/mile</u>		<u>3498.00</u>
RECEIVED		TOTAL	<u>15351.90</u>

REMARKS:  
Plug mousehole 20skts Rathole 30skts  
mix 490 sks down 5/8 casing  
wash pump and lines clean  
Displace plug cement did  
circulate plug handle tool  
closed 1000# lift 1600#  
land plug.  
  
Thank you

OCT 18 2010 SERVICE

KCC WICHITA  
 DEPTH OF JOB 3009'  
 PUMP TRUCK CHARGE 1185.00  
 EXTRA FOOTAGE @  
 MILEAGE 55 miles @ N/C  
 MANIFOLD @

CHARGE TO: FIML  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

TOTAL 1185.00

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.

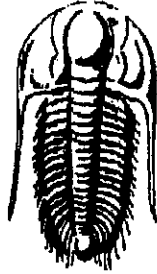
PLUG & FLOAT EQUIPMENT

_____	@		
_____	@		
_____	@		
_____	@		
_____	@		
TOTAL			

PRINTED NAME Gary Dake  
 SIGNATURE [Signature]

SALES TAX (If Any) \_\_\_\_\_  
 TOTAL CHARGES \_\_\_\_\_  
 DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS





**TRILOBITE  
TESTING, INC.**

**KCC  
OCT 14 2010  
CONFIDENTIAL**

**DRILL STEM TEST REPORT**

Prepared For: **FIML Natural Resources LLC**

410 17th Street  
Suite 900  
Denver CO 80202

ATTN: Josh Austin

**9-19s-31w Scott KS**

**Eitel #10 D-9-1931**

Start Date: 2010.07.21 @ 13:45:27

End Date: 2010.07.21 @ 20:29:57

Job Ticket #: 38741                      DST #: 1

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

RECEIVED

OCT 18 2010

KCC WICHITA

FIML Natural Resources LLC

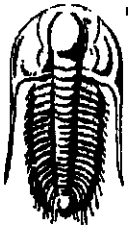
Eitel #10 D-9-1931

9-19s-31w Scott KS

DST # 1

Lansing ""

2010.07.21



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

FIML Natural Resources LLC

Eitel #10 D-9-1931

410 17th Street  
Suite 900  
Denver CO 80202  
ATTN: Josh Austin

9-19s-31w Scott KS  
Job Ticket: 38741      DST#: 1  
Test Start: 2010.07.21 @ 13:45:27

## GENERAL INFORMATION:

Formation: **Lansing "I"**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 15:32:12  
Time Test Ended: 20:29:57

Test Type: Conventional Bottom Hole  
Tester: Jason McLemore  
Unit No: 32

Interval: **4192.00 ft (KB) To 4220.00 ft (KB) (TVD)**  
Total Depth: **4220.00 ft (KB) (TVD)**  
Hole Diameter: 7.80 inches Hole Condition: Good

Reference Elevations: 2972.00 ft (KB)  
2960.00 ft (CF)  
KB to GRVCF: 12.00 ft

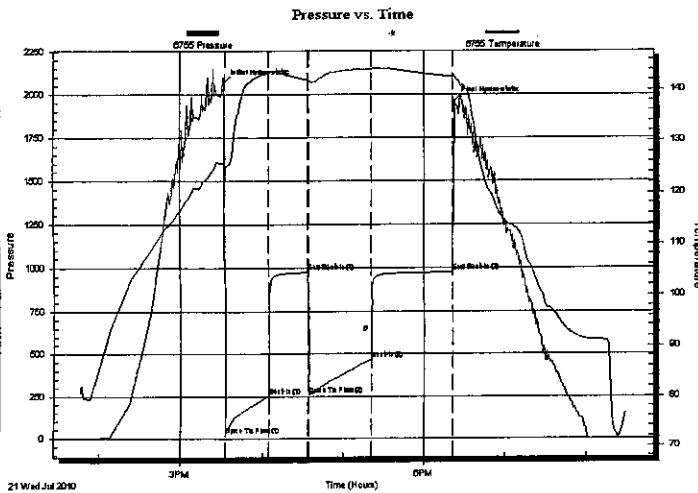
## Serial #: 6755

Inside

Press@RunDepth: 469.90 psig @ 4194.00 ft (KB)  
Start Date: 2010.07.21 End Date: 2010.07.21  
Start Time: 13:45:29 End Time: 20:29:57

Capacity: 8000.00 psig  
Last Calib.: 2010.07.22  
Time On Btm: 2010.07.21 @ 15:31:57  
Time Off Btm: 2010.07.21 @ 18:22:57

TEST COMMENT: IFP-Good Blow ,BOB in 9 Min.  
ISI-Dead  
FFP-Good Blow ,BOB in 11 Min.  
FSI-Dead



## PRESSURE SUMMARY

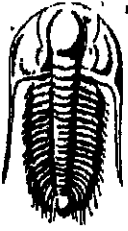
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2067.75	125.61	Initial Hydro-static
1	24.93	125.00	Open To Flow (1)
33	258.91	143.23	Shut-In(1)
63	976.39	141.97	End Shut-In(1)
63	264.89	141.75	Open To Flow(2)
109	469.90	144.02	Shut-In(2)
170	976.51	142.57	End Shut-In(2)
171	1962.06	142.78	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
870.00	Muddy Water-90%W-10%M	10.01

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

FIML Natural Resources LLC

**Eitel #10 D-9-1931**

410 17th Street  
Suite 900  
Denver CO 80202  
ATTN: Josh Austin

**9-19s-31w Scott KS**  
Job Ticket: 38741      **DST#: 1**  
Test Start: 2010.07.21 @ 13:45:27

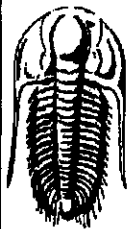
**Tool Information**

Drill Pipe:	Length: 3952.00 ft	Diameter: 3.80 inches	Volume: 55.44 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 2500.00 lb
Drill Collar:	Length: 241.00 ft	Diameter: 2.25 inches	Volume: 1.19 bbl	Weight to Pull Loose: 66000.00 lb
			<u>Total Volume: 56.63 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	24.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4192.00 ft			Final 64000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	28.00 ft			
Tool Length:	51.00 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			4170.00	
Shut In Tool	5.00			4175.00	
Hydraulic tool	5.00			4180.00	
Safety Joint	2.00			4182.00	
Packer	5.00			4187.00	23.00      Bottom Of Top Packer
Packer	5.00			4192.00	
Stubb	1.00			4193.00	
Perforations	1.00			4194.00	
Recorder	0.00	6755	Inside	4194.00	
Recorder	0.00	8360	Outside	4194.00	
Perforations	23.00			4217.00	
Bullnose	3.00			4220.00	28.00      Bottom Packers & Anchor

**Total Tool Length: 51.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

FIML Natural Resources LLC

Eitel #10 D-9-1931

410 17th Street  
Suite 900  
Denver CO 80202  
ATTN: Josh Austin

9-19s-31w Scott KS

Job Ticket: 38741      DST#: 1

Test Start: 2010.07.21 @ 13:45:27

### Mud and Cushion Information

Mud Type: Gel Chem  
Mud Weight: 9.00 lb/gal  
Viscosity: 50.00 sec/qt  
Water Loss: 7.19 in<sup>3</sup>  
Resistivity: ohm.m  
Salinity: 1700.00 ppm  
Filter Cake: inches

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

Oil API: deg API  
Water Salinity: 38000 ppm

### Recovery Information

Recovery Table

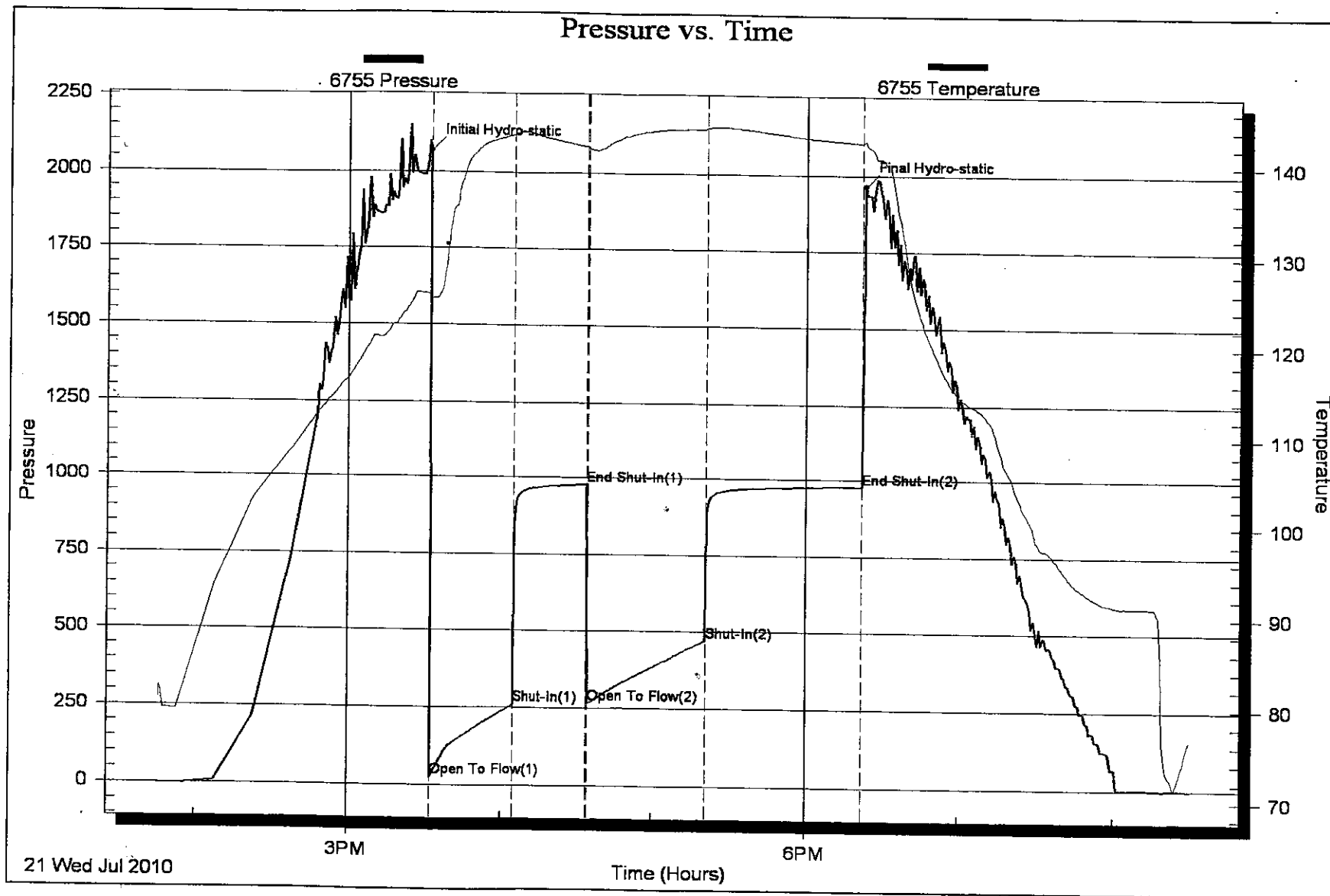
Length ft	Description	Volume bbl
870.00	Muddy Water-90%W-10%M	10.008

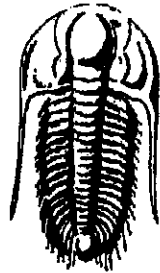
Total Length: 870.00 ft      Total Volume: 10.008 bbl

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

Laboratory Name:      Laboratory Location:

Recovery Comments: RW .160 @ 78F = 38000 chlorides





**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **FIML Natural Resources LLC**

410 17th Street  
Suite 900  
Denver CO 80202

ATTN: Josh Austin

**9-19s-31w Scott KS**

**Eitel #10 D-9-1931**

Start Date: 2010.07.23 @ 04:32:15

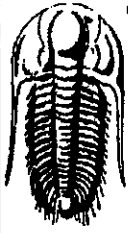
End Date: 2010.07.23 @ 09:53:45

Job Ticket #: 38742                      DST #: 2

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

FIML Natural Resources LLC

Eitel #10 D-9-1931

410 17th Street  
Suite 900  
Denver CO 80202  
ATTN: Josh Austin

**9-19s-31w Scott KS**  
Job Ticket: 38742      DST#: 2  
Test Start: 2010.07.23 @ 04:32:15

## GENERAL INFORMATION:

Formation: **Marmaton**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 06:16:45  
Time Test Ended: 09:53:45

Test Type: Conventional Bottom Hole  
Tester: Jason McLemore  
Unit No: 32

Interval: **4364.00 ft (KB) To 4425.00 ft (KB) (TVD)**  
Total Depth: 4425.00 ft (KB) (TVD)  
Hole Diameter: 7.80 inches Hole Condition: Good

Reference Elevations: 2972.00 ft (KB)  
2960.00 ft (CF)  
KB to GR/CF: 12.00 ft

## Serial #: 6755

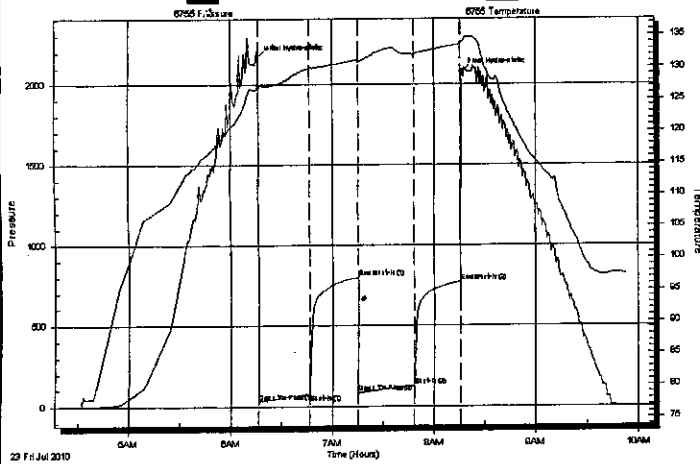
Inside

Press@RunDepth: 125.76 psig @ 4399.00 ft (KB)  
Start Date: 2010.07.23      End Date: 2010.07.23  
Start Time: 04:32:17      End Time: 09:53:45

Capacity: 8000.00 psig  
Last Calib.: 2010.07.23  
Time On Btm: 2010.07.23 @ 06:16:15  
Time Off Btm: 2010.07.23 @ 08:16:00

TEST COMMENT: IFF-Weak Blow, Built to 2-1/2"  
ISI-Dead  
FFP-Weak Surface Blow After 25 Min.  
FSI-Dead

Pressure vs. Time



## PRESSURE SUMMARY

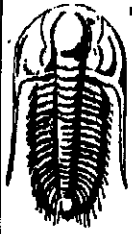
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2166.15	127.47	Initial Hydro-static
1	30.04	126.50	Open To Flow (1)
31	78.84	129.89	Shut-In(1)
60	797.10	131.23	End Shut-In(1)
60	83.18	130.85	Open To Flow (2)
93	125.76	132.10	Shut-In(2)
120	771.00	133.64	End Shut-In(2)
120	2074.53	134.00	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
185.00	Mudd W/OilSpecks, 1%O-99%M	0.91

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

FML Natural Resources LLC

**Eitel #10 D-9-1931**

410 17th Street  
Suite 900  
Denver CO 80202  
ATTN: Josh Austin

**9-19s-31w Scott KS**

Job Ticket: 38742      **DST#: 2**

Test Start: 2010.07.23 @ 04:32:15

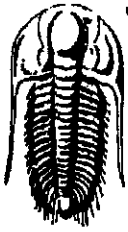
### Tool Information

Drill Pipe:	Length: 4111.00 ft	Diameter: 3.80 inches	Volume: 57.67 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 241.00 ft	Diameter: 2.25 inches	Volume: 1.19 bbl	Weight to Pull Loose: 62000.00 lb
		<b>Total Volume:</b>	<b>58.86 bbl</b>	Tool Chased: 0.00 ft
Drill Pipe Above KB:	11.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4364.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	61.00 ft			
Tool Length:	84.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4342.00	
Shut In Tool	5.00			4347.00	
Hydraulic tool	5.00			4352.00	
†Safety Joint	2.00			4354.00	
Packer -	5.00			4359.00	23.00 Bottom Of Top Packer
Packer	5.00			4364.00	
Stubb	1.00			4365.00	
Perforations	1.00			4366.00	
Change Over Sub	1.00			4367.00	
Blank Spacing	31.00			4398.00	
Change Over Sub	1.00			4399.00	
Recorder	0.00	6755	Inside	4399.00	
Recorder	0.00	8360	Outside	4399.00	
Perforations	23.00			4422.00	
Bullnose	3.00			4425.00	61.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>84.00</b>				





**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

FLUID SUMMARY

FIML Natural Resources LLC

Eitel #10 D-9-1931

410 17th Street  
Suite 900  
Denver CO 80202  
ATTN: Josh Austin

9-19s-31w Scott KS  
Job Ticket: 38742      DST#: 2  
Test Start: 2010.07.23 @ 04:32:15

### Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API:
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 64.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.39 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 2000.00 ppm			
Filter Cake: inches			

### Recovery Information

Recovery Table

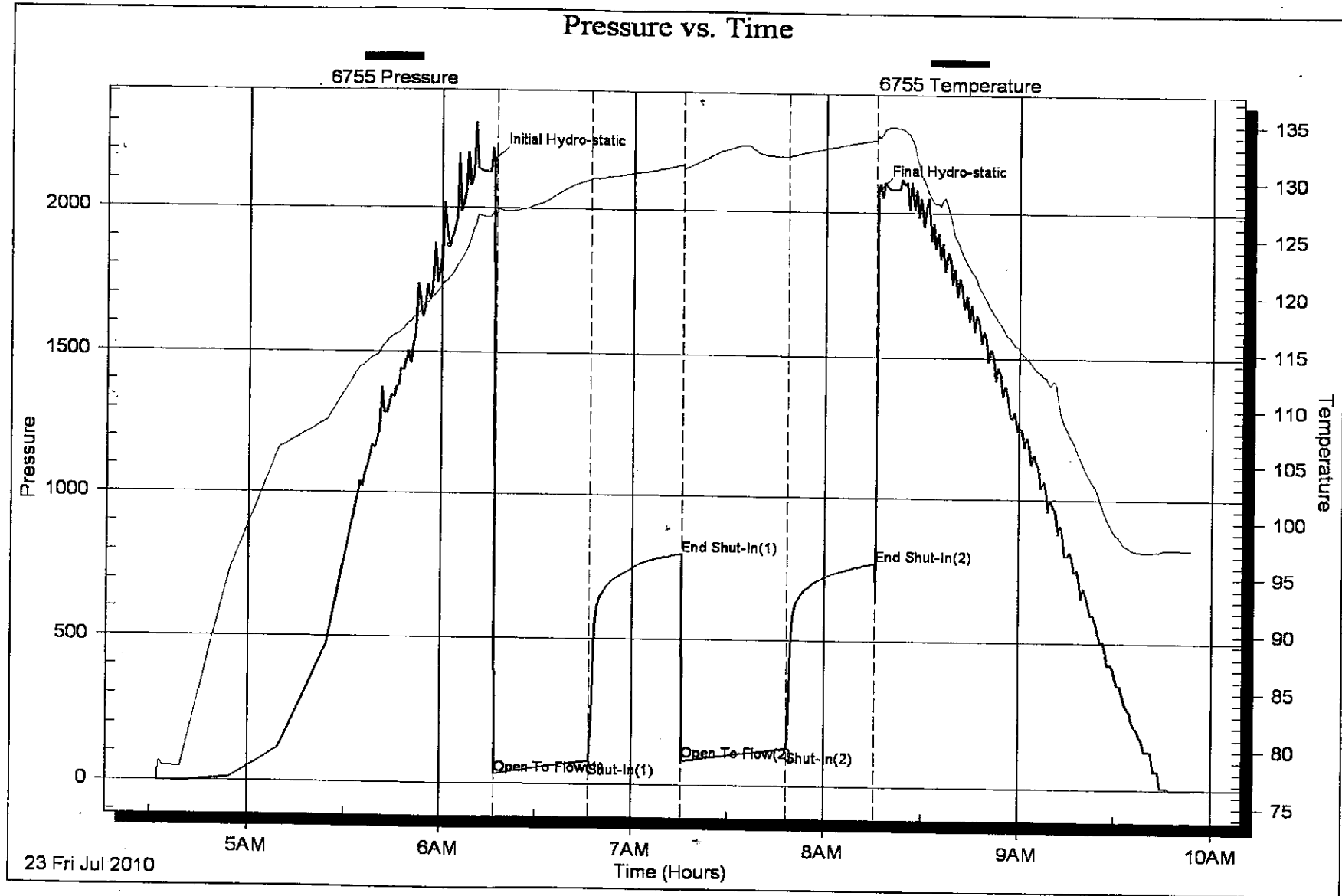
Length ft	Description	Volume bbl
185.00	Mudd W/OilSpecks,1%O-99%M	0.910

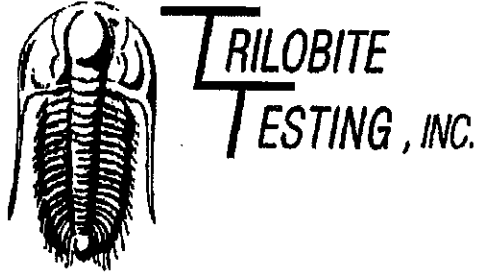
Total Length: 185.00ft      Total Volume: 0.910 bbl

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

Laboratory Name:      Laboratory Location:

Recovery Comments:





## DRILL STEM TEST REPORT

Prepared For: **FIML Natural Resources LLC**

410 17th Street  
Suite 900  
Denver CO 80202

ATTN: Josh Austin

**9-19s-31w Scott KS**

**Eitel #10 D-9-1931**

Start Date: 2010.07.24 @ 05:02:15

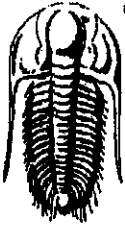
End Date: 2010.07.24 @ 13:04:30

Job Ticket #: 38743                      DST #: 3

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

Phone: 785-625-4778 fax: 785-625-5620



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

FML Natural Resources LLC

Eitel #10 D-9-1931

410 17th Street  
Suite 900  
Denver CO 80202  
ATTN: Josh Austin

9-19s-31w Scott KS  
Job Ticket: 38743      DST#: 3  
Test Start: 2010.07.24 @ 05:02:15

## GENERAL INFORMATION:

Formation: **Spergen**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 06:57:15  
Time Test Ended: 13:04:30

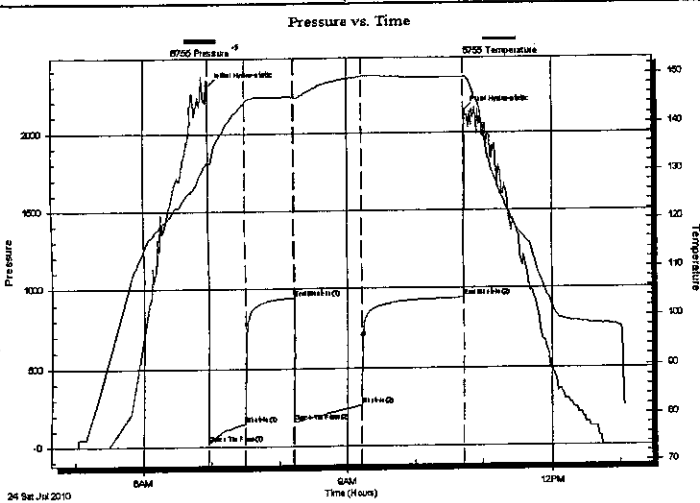
Test Type: Conventional Bottom Hole  
Tester: Jason McLemore  
Unit No: 32

Interval: **4596.00 ft (KB) To 4616.00 ft (KB) (TVD)**  
Total Depth: 4616.00 ft (KB) (TVD)  
Hole Diameter: 7.80 inches Hole Condition: Good

Reference Elevations: 2972.00 ft (KB)  
2960.00 ft (CF)  
KB to GR/CF: 12.00 ft

Serial #: **6755** Inside  
Press@RunDepth: 267.37 psig @ 4598.00 ft (KB) Capacity: 8000.00 psig  
Start Date: 2010.07.24 End Date: 2010.07.24 Last Calib.: 2010.07.24  
Start Time: 05:02:17 End Time: 13:04:30 Time On Btm: 2010.07.24 @ 06:56:45  
Time Off Btm: 2010.07.24 @ 10:44:00

TEST COMMENT: IFP-Good Blow ,BOB in 13 Min.  
ISI-Blow back Built to 2"  
FFP-Good Blow ,BOB in 15 Min.  
FSI-Blow back Built to 5"



## PRESSURE SUMMARY

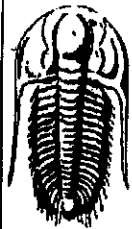
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2306.87	131.83	Initial Hydro-static
1	23.65	131.20	Open To Flow (1)
33	148.70	144.08	Shut-In(1)
76	943.24	145.35	End Shut-In(1)
76	159.63	145.15	Open To Flow (2)
136	267.37	149.45	Shut-In(2)
226	939.11	149.16	End Shut-In(2)
228	2139.76	149.47	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbt)
330.00	Gas Oil 35%G 65%O	2.43
120.00	VSOCMM-3%O-10%W-87%M	1.68
180.00	VSOCMM-3%O-87%W-10%M	2.52
0.00	750' Gas In Pipe	0.00

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

FML Natural Resources LLC

**Eitel #10 D-9-1931**

410 17th Street  
Suite 900  
Denver CO 80202  
ATTN: Josh Austin

**9-19s-31w Scott KS**

Job Ticket: 38743

**DST#: 3**

Test Start: 2010.07.24 @ 05:02:15

## Tool Information

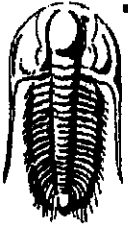
Drill Pipe:	Length: 4362.00 ft	Diameter: 3.80 inches	Volume: 61.19 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 241.00 ft	Diameter: 2.25 inches	Volume: 1.19 bbl	Weight to Pull Loose: 66000.00 lb
			<u>Total Volume: 62.38 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4596.00 ft			Final 64000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	20.00 ft			
Tool Length:	43.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

## Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4574.00	
Shut In Tool	5.00			4579.00	
Hydraulic tool	5.00			4584.00	
Safety Joint	2.00			4586.00	
Packer	5.00			4591.00	23.00 Bottom Of Top Packer
Packer	5.00			4596.00	
Stubb	1.00			4597.00	
Perforations	1.00			4598.00	
Recorder	0.00	6755	Inside	4598.00	
Recorder	0.00	8360	Outside	4598.00	
Perforations	15.00			4613.00	
Bullnose	3.00			4616.00	20.00 Bottom Packers & Anchor

**Total Tool Length: 43.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

FLUID SUMMARY

FIML Natural Resources LLC

Eitel #10 D-9-1931

410 17th Street  
Suite 900  
Denver CO 80202  
ATTN: Josh Austin

9-19s-31w Scott KS  
Job Ticket: 38743      DST#: 3  
Test Start: 2010.07.24 @ 05:02:15

## Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	34 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	22000 ppm
Viscosity: 50.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.19 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1700.00 ppm			
Filter Cake: inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
330.00	Gas Oil 35%G 65%O	2.434
120.00	VSOCWM-3%O-10%W-87%M	1.683
180.00	VSOCMM-3%O-87%W-10%M	2.525
0.00	750' Gas in Pipe	0.000

Total Length: 630.00 ft      Total Volume: 6.642 bbl

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

Laboratory Name:      Laboratory Location:

Recovery Comments: RW .237 @ 85F = 22000 chlorides

