



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: _____



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 Bbbs.	Gas Mcf	Water Bbbs.	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> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



phone: 316-337-6200
fax: 316-337-6211
<http://kcc.ks.gov/>

Thomas E. Wright, Chairman
Ward Loyd, Commissioner

Corporation Commission

Sam Brownback, Governor

April 12, 2011

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

Re: ACO1
API 15-171-20789-00-00
Schowalter 6D-33-1831
NW/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

RECEIVED
JAN 17 2011

2347

INVOICE

Invoice Number: 125815

Invoice Date: Jan 2, 2011

Page: 1

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

Schowalter 6D-33-1831

Customer ID	Well Name# or Customer P.O.	Payment Terms	
FIML	Showalter 6D-33-1831	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-02	Oakley	Jan 2, 2011	2/1/11

Quantity	Item	Description	Unit Price	Amount
6.00	MAT	Gel	20.80	124.80
320.00	MAT	ASC	18.60	5,952.00
35.00	MAT	Salt	23.95	838.25
1,600.00	MAT	Gilsonite	0.89	1,424.00
80.00	MAT	Flo Seal	2.50	200.00
500.00	MAT	WFR-2	1.27	635.00
414.00	SER	Handling	2.40	993.60
50.00	SER	Mileage 414 sx @ .10 per sk per mi	41.40	2,070.00
1.00	SER	Two Stage - Bottom	2,185.00	2,185.00
50.00	SER	Pump Truck Mileage	7.00	350.00
1.00	EQP	5.5 D V Tool	2,832.00	2,832.00
1.00	EQP	5.5 Lock Ring	29.00	29.00
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
25.00	EQP	5.5 Centralizer	35.00	875.00
2.00	EQP	5.5 Basket	161.00	322.00

D10150
820-118
Adam D. Bl...

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

\$ 3919.53

ONLY IF PAID ON OR BEFORE Jan 27, 2011

Subtotal	19,597.65
Sales Tax	1,021.93
Total Invoice Amount	20,619.58
Payment/Credit Applied	
TOTAL	20,619.58

-3919.53
16,700.05

804

ALLIED CEMENTING CO., LLC. 040799

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

Outlet KS
1-3-11

DATE <u>1-2-11</u>	SEC. <u>33</u>	TWP. <u>18</u>	RANGE <u>31</u>	CALLED OUT	ON LOCATION <u>9:00pm</u>	JOB START <u>8:30pm</u>	JOB FINISH <u>9:00am</u>
LEASE <u>Shouster D-33</u>		WELL # <u>1831</u>		LOCATION <u>Scott City SE-2125</u>		COUNTY <u>Scott</u>	STATE <u>KS</u>
OLD OR NEW (Circle one) <u>NEW</u>							

CONTRACTOR MURKIN #21
 TYPE OF JOB 2-stage - Bottom
 HOLE SIZE 7 7/8 T.D. 4800'
 CASING SIZE 5 1/2 15.5 DEPTH 4786'
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL DU Tool DEPTH 3001'
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT 25'
 CEMENT LEFT IN CSG. 25'

OWNER _____
 CEMENT
 AMOUNT ORDERED 320 yds ASC
2900 gal, 1090 gal, 54 gal
114 gal seal 500 gal WFR
 COMMON _____ @ _____
 POZMIX _____ @ _____
 GEL _____ @ 20.00 124.00
 CHLORIDE _____ @ _____
 ASC 320 @ 18.50 5952.00
 _____ @ _____
SALT 35 yds @ 23.95 838.25
 _____ @ _____
Gilsonite 1600# @ .89 1424.00
 _____ @ _____
Flow seal 80# @ 2.50 200.00
 _____ @ _____
WFR 500 gal @ 1.27 635.00
 HANDLING 414 @ 2.40 993.60
 MILEAGE 110.5 km 2070.00
 TOTAL 12237.85

DISPLACEMENT 71.4 mud - 41.8 water
 EQUIPMENT
 PUMP TRUCK CEMENTER Fuzz
 # 423 HELPER Alan
 BULK TRUCK
 # 457-251 DRIVER Jose (L)
 BULK TRUCK
 # 472-468 DRIVER Cesar (L)

REMARKS:

Pump seal water - 500 gal WFR - 54 gal water
By mistake mixed 175 yds Top stage cement
Started mixing Bottom stage cement - 320 yds
wash pump lines drop plug & displace
to float collar 1500' lift 2200' land
float held drop DU bomb open tool
@ 1100' circulate mistake cement
of hole - circ 4 hrs Plug down
@ 8:25 Thanks Fuzz & crew

SERVICE

DEPTH OF JOB _____
 PUMP TRUCK CHARGE _____ 2185.00
 EXTRA FOOTAGE _____ @ _____
 MILEAGE 50 @ 7.00 350.00
 MANIFOLD _____ @ _____
 _____ @ _____
 _____ @ _____
 TOTAL 2535.00

CHARGE TO: FIML
 STREET _____
 CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

1- DU Tool 2832.00
1- loc-Ring @ 29.00 29.00
1- 500 gal float shoe @ _____ 349.00
1- 500 gal float collar @ _____ 418.00
25-Cent @ 35.00 875.00
2- Baskets @ 161.00 322.00
1- ~~rubber plug~~
 TOTAL 4825.00

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.

PRINTED NAME Gary Duke
 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

INVOICE

Invoice Number: 125816

Invoice Date: Jan 2, 2011

Page: 1

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

Federal Tax I.D.#: 20-5975804

Schowalter 6D-33-1831

Customer ID	Well Name# or Customer P.O.	Payment Terms	
FIML	Showalter 6D-33-1831	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-02	Oakley	Jan 2, 2011	2/1/11

Quantity	Item	Description	Unit Price	Amount
535.00	MAT	Lightweight Class A	14.05	7,516.75
2,675.00	MAT	Gilsonite	0.89	2,380.75
134.00	MAT	Flo Seal	2.50	335.00
630.00	SER	Handling	2.40	1,512.00
50.00	SER	Mileage 630 sx @ .10 per sk per mi	63.00	3,150.00
1.00	SER	Two Stage - Top	1,185.00	1,185.00

D10150
 820-118
 Adam J. Blum
 "2nd stage"

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

\$ 3215.90

ONLY IF PAID ON OR BEFORE
 Jan 27, 2011

Subtotal	16,079.50
Sales Tax	746.97
Total Invoice Amount	16,826.47
Payment/Credit Applied	
TOTAL	16,826.47

-3215.90
 13,610.57

805

ALLIED CEMENTING CO., LLC. 040800

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

D.H. Parks
1-3-11

DATE <u>1-2-11</u>	SEC. <u>33</u>	TWP. <u>18</u>	RANGE <u>31</u>	CALLED OUT <u>8:00am</u>	ON LOCATION <u>8:00pm</u>	JOB START <u>2:30pm</u>	JOB FINISH <u>3:00pm</u>
LEASE <u>Showalter 60-33</u>		WELL # <u>1831</u>		LOCATION <u>Scott City 86-2125</u>		COUNTY <u>Scott</u>	STATE <u>Ks</u>
OLD OR NEW (Circle one) <u>NEW</u>				<u>e + n + w</u>			

CONTRACTOR Munroe #21

TYPE OF JOB 2-stage Top

HOLE SIZE 7 7/8 T.D. _____

CASING SIZE 5 1/2 DEPTH 3001'

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT 71.4 water

OWNER _____

CEMENT

AMOUNT ORDERED 535 kite 545.50

1145.00

EQUIPMENT

PUMP TRUCK CEMENTER Fuzzy

473 HELPER Alan

BULK TRUCK

457 DRIVER Jose (L)

BULK TRUCK

472 DRIVER Cesar (L)

COMMON	@	_____	_____
POZMIX	@	_____	_____
GEL	@	_____	_____
CHLORIDE	@	_____	_____
ASC	@	_____	_____
<u>kite</u>	@	<u>535</u>	<u>1405</u>
	@		<u>7516.75</u>
<u>Gilsonite</u>	@	<u>2675</u>	<u>1.89</u>
	@		<u>2380.75</u>
<u>Slosser</u>	@	<u>134</u>	<u>2.50</u>
	@		<u>335.00</u>
	@		_____
	@		_____
HANDLING	@	<u>630</u>	<u>2.40</u>
	@		<u>1512.00</u>
MILEAGE	@	<u>104.5</u>	<u>1.00</u>
	@		<u>3150.00</u>
TOTAL			<u>14894.30</u>

REMARKS:

Pump 545.50 water - mix 2050s MH
305k BH - mix 485sks cement
down 550. Wash pump & lines
Drop plug & displace to PU Tool
1100' lift close door @ 1900'
cement did circulate approx
plus down @ 2:25
Thanks Float held
Fuzzy & crew

SERVICE

DEPTH OF JOB	_____	<u>3001'</u>	_____
PUMP TRUCK CHARGE	_____	<u>1185.00</u>	_____
EXTRA FOOTAGE	@	_____	_____
MILEAGE	@	<u>50</u>	<u>1.00</u>
	@		<u>N/C</u>
MANIFOLD	@	_____	_____
	@	_____	_____
	@	_____	_____
TOTAL			<u>1185.00</u>

CHARGE TO: FIRM

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.

PRINTED NAME Gary Duke

SIGNATURE [Signature]

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS



PO BOX 31 Russell, KS 67665

RECEIVED
JAN 03 2011

2347

INVOICE

Invoice Number: 125711

Invoice Date: Dec 20, 2010

Page: 1

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

Bill To:
FIML Natural Resources LLC
410 I7th St., #900
Denver, CO 80202

Federal Tax I.D.#: 20-5975804

Customer ID	Well Name# or Customer P.O.	Payment Terms	
FIML	Schwalter#6D-33-1831	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Oakley	Dec 20, 2010	1/19/11

Quantity	Item	Description	Unit Price	Amount
240.00	MAT	Class A Common	15.45	3,708.00
4.00	MAT	Gel	20.80	83.20
8.00	MAT	Chloride	58.20	465.60
252.00	SER	Handling	2.40	604.80
50.00	SER	Mileage 252 sx @.10 per sk per mi	25.20	1,260.00
1.00	SER	Surface	1,018.00	1,018.00
94.00	SER	Extra Footage	0.85	79.90
50.00	SER	Pump Truck Mileage	7.00	350.00
1.00	EQP	8.5/8 Fiber Baffle	98.00	98.00
3.00	EQP	8.5/8 Centralizer	221.00	663.00
1.00	EQP	8.5/8 Wooden Plug	68.00	68.00

See Last Page for Approval.

D10150
8100.145

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

\$ 1679.70

ONLY IF PAID ON OR BEFORE
Jan 14, 2011

Subtotal	8,398.50
Sales Tax	371.26
Total Invoice Amount	8,769.76
Payment/Credit Applied	
TOTAL	8,769.76

- 1679.70
7090.06

162

ALLIED CEMENTING CO., LLC. 035531

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

DeKlyfs
12/21/10

DATE <u>12/20/10</u>	SEC. <u>33</u>	TWP. <u>18</u>	RANGE <u>31</u>	CALLED OUT	ON LOCATION	JOB START <u>12:00am</u>	JOB FINISH <u>12:30pm</u>
LEASE <u>howalter</u>	WELL# <u>#60+33-1831</u>	LOCATION <u>Scott City E to Toos Rd</u>			COUNTY <u>Scott</u>	STATE <u>Kans</u>	
OLD OR <u>NEW</u> (Circle one)				<u>2 1/4 S E 50' E N 10 W INTO</u>			

CONTRACTOR Murkin & I
 TYPE OF JOB Surface
 HOLE SIZE 12 1/4 T.D. 395
 CASING SIZE 8 7/8 DEPTH 394
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT 4 1/2'
 CEMENT LEFT IN CSG. 42'
 PERFS.
 DISPLACEMENT

OWNER Same
 CEMENT
 AMOUNT ORDERED 240 SK, Con 370 CL
200 CL

COMMON	<u>240</u>	@	<u>15.45</u>	<u>3708.00</u>
POZMIX		@		
GEL		@	<u>20.80</u>	<u>832.00</u>
CHLORIDE		@	<u>58.20</u>	<u>465.60</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>257.5K</u>	@	<u>2.42</u>	<u>604.00</u>
MILEAGE	<u>124 SK/mile</u>	@		<u>1260.00</u>
TOTAL				<u>6121.60</u>

EQUIPMENT

PUMP TRUCK CEMENTER Alan
 # 422 HELPER Wayne
 BULK TRUCK
 # 396 DRIVER Wil
 BULK TRUCK
 # DRIVER

REMARKS:

Run 8 1/2" log, Circulate, Mix
240 SK, Con 370 CL 200 gal Displace
Phy on 123 ABL H₂O
Cement did Circulate,
Thank You Alan Wayne Wil

SERVICE

DEPTH OF JOB				<u>394'</u>
PUMP TRUCK CHARGE				<u>1018.00</u>
EXTRA FOOTAGE	<u>94</u>	@	<u>.85</u>	<u>79.80</u>
MILEAGE	<u>50 miles</u>	@	<u>7.00</u>	<u>350.00</u>
MANIFOLD		@		
		@		
		@		
TOTAL				<u>1447.80</u>

CHARGE TO: FJML
 STREET _____
 CITY _____ STATE _____ ZIP _____

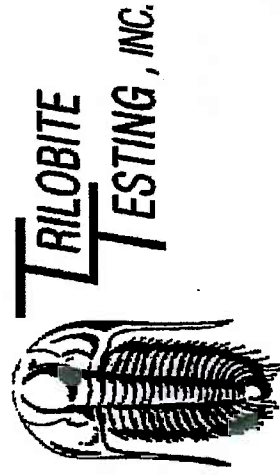
PLUG & FLOAT EQUIPMENT

<u>8 1/2" Fiber Plug - 1</u>	@	<u>98.00</u>	<u>98.00</u>
<u>Centralizers - 3</u>	@	<u>22.10</u>	<u>66.30</u>
<u>8 1/2" Central Plug - 1</u>	@	<u>68.00</u>	<u>68.00</u>
TOTAL			<u>229.30</u>

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 Dobe
 SIGNATURE [Signature]

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



DRILL STEM TEST REPORT

Prepared For: **FIML Natural Resources**

410 17th ST STE 900
Denver CO 80202

ATTN: Josh Austin

33-18-31 Scott KS

Schwalter 6D-33-1831

Start Date: 2010.12.29 @ 15:41:00

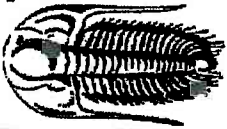
End Date: 2010.12.29 @ 23:46:45

Job Ticket #: 040613 DST #: 1

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

Schwalter 6D-33-1831

410 17th ST STE 900
Denver CO 80202

33-18-31 Scott KS

Job Ticket: 040613

DST#: 1

ATTN: Josh Austin

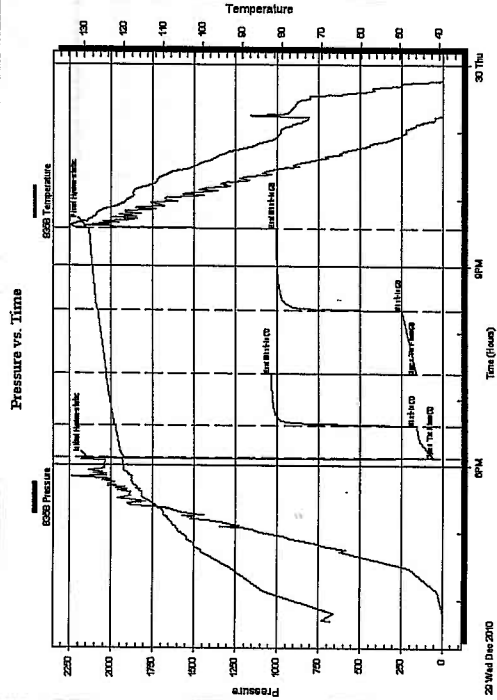
Test Start: 2010.12.29 @ 15:41:00

GENERAL INFORMATION:

Formation: Lansing J & K
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 18:06:30
 Time Test Ended: 23:46:45
 Interval: 4216.00 ft (KB) To 4300.00 ft (KB) (TVD)
 Total Depth: 4300.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole
 Tester: Mike Roberts
 Unit No: 48
 Reference Elevations: 2956.00 ft (KB)
 2946.00 ft (CF)
 10.00 ft

Serial #: 8358 Outside
 Press@RunDepth: 247.09 psig @ 4287.00 ft (KB)
 Start Date: 2010.12.29 End Date: 2010.12.29
 Start Time: 15:41:15 End Time: 23:46:45
 Capacity: 8000.00 psig
 Last Calib.: 2010.12.29
 Time On Btm: 2010.12.29 @ 18:06:00
 Time Off Btm: 2010.12.29 @ 21:36:30

TEST COMMENT: IF: Built to 8" blow
 IS: No return blow
 FF: Built to 6" blow
 FS: No return blow



PRESSURE SUMMARY

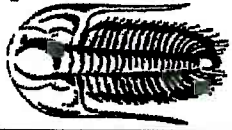
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2142.62	120.53	Initial Hydro-static
1	53.95	120.05	Open To Flow (1)
31	160.22	122.25	Shut-In(1)
77	1035.97	124.56	End Shut-In(1)
78	161.71	124.37	Open To Flow (2)
135	247.09	126.60	Shut-In(2)
209	1008.12	128.90	End Shut-In(2)
211	2154.58	133.18	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
340.00	m 100%	3.59
130.00	mcw 10% m 90% w	1.82

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

FIML Natural Resources

Schowalter 6D-33-1831

410 17th ST STE 900
Denver CO 80202

33-18-31 Scott KS

Job Ticket: 040613

DST#: 1

ATTN: Josh Austin

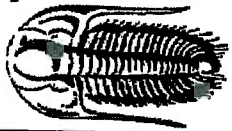
Test Start: 2010.12.29 @ 15:41:00

Tool Information

Drill Pipe: Length: 4100.00 ft Diameter: 3.80 inches Volume: 57.51 bbl Tool Weight: 1500.00 lb
 Heavy Wt. Pipe: Length: 0.00 ft Diameter: 0.00 inches Volume: 0.00 bbl Weight set on Packer: 25000.00 lb
 Drill Collar: Length: 130.00 ft Diameter: 2.25 inches Volume: 0.64 bbl Weight to Pull Loose: 90000.00 lb
 Drill Pipe Above KB: 34.00 ft Tool Chased 0.00 ft
 Depth to Top Packer: 4216.00 ft String Weight: Initial 64000.00 lb
 Depth to Bottom Packer: ft Final 70000.00 lb
 Interval between Packers: 84.00 ft
 Tool Length: 104.00 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			4197.00	
Shut in Tool	5.00			4202.00	
Hydraulic tool	5.00			4207.00	
Packer	5.00			4212.00	Bottom Of Top Packer
Packer	4.00			4216.00	
Stubb	1.00			4217.00	
Perforations	5.00			4222.00	
Change Over Sub	1.00			4223.00	
Drill Pipe	63.00			4286.00	
Change Over Sub	1.00			4287.00	
Recorder	0.00	8358	Outside	4287.00	
Recorder	0.00	8322	Outside	4287.00	
Perforations	8.00			4295.00	
Bullnose	5.00			4300.00	84.00 Bottom Packers & Anchor
Total Tool Length:				104.00	



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

FIML Natural Resources

Schowalter 6D-33-1831

410 17th ST STE 900
Denver CO 80202

33-18-31 Scott KS

Job Ticket: 040613

DST#: 1

ATTN: Josh Austin

Test Start: 2010.12.29 @ 15:41:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 57.00 sec/qt
Water Loss: 8.70 in³
Resistivity: 0.00 ohm.m
Salinity: 2000.00 ppm
Filter Cake: 1.00 inches

Cushion Type: OIL API: 0 deg API
Cushion Length: ft Water Salinity: 28000 ppm
Cushion Volume: bbl
Gas Cushion Type: psig
Gas Cushion Pressure:

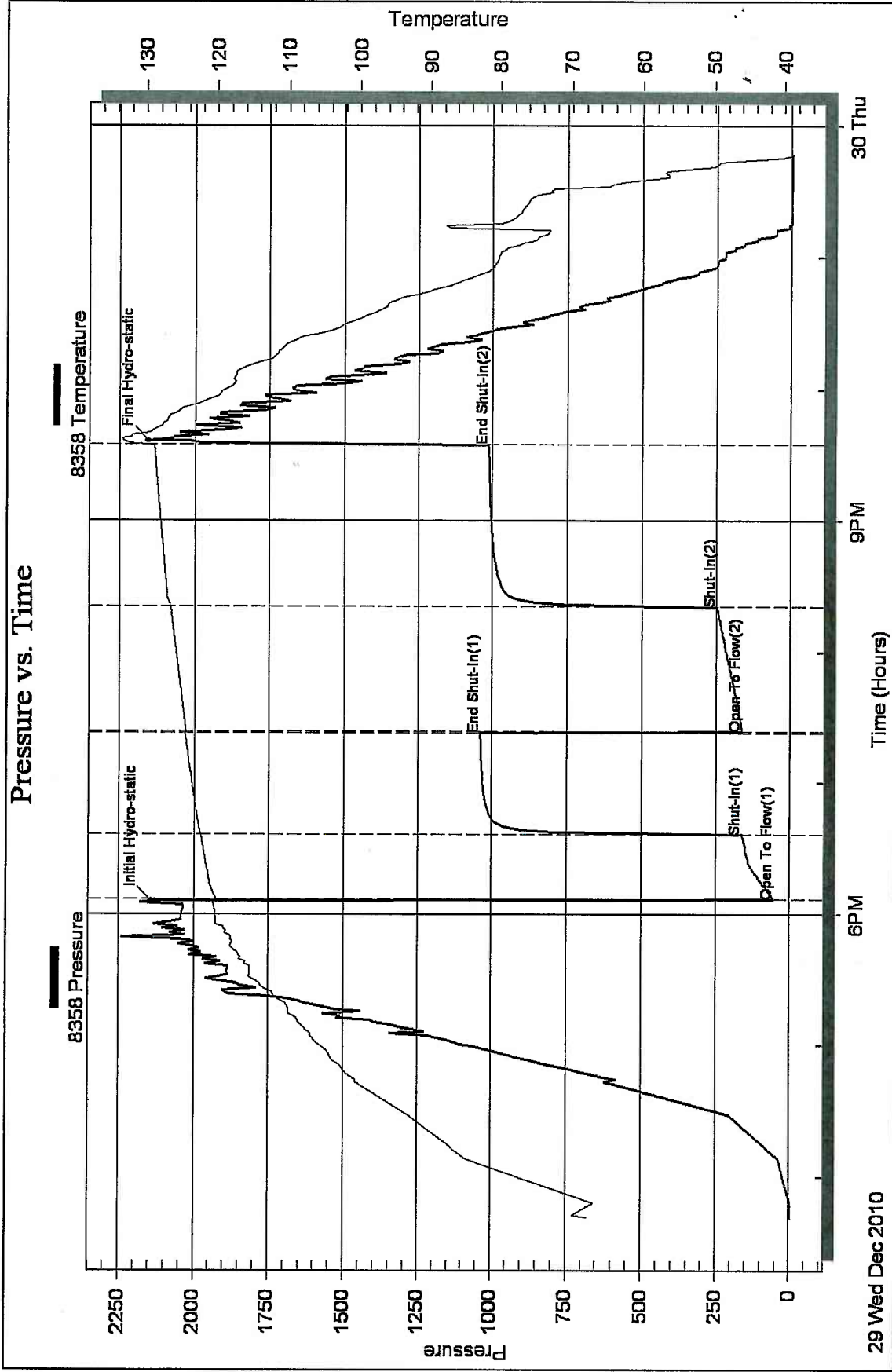
Recovery Information

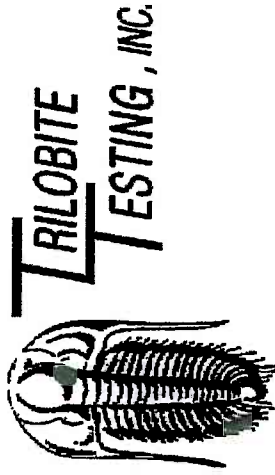
Recovery Table

Length ft	Description	Volume bbl
340.00	m 100%	3.585
130.00	mcw 10% m 90% w	1.824

Total Length: 470.00 ft Total Volume: 5.409 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments: RW=369 @51.6=28000 ppm

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **FIML Natural Resources**

410 17th ST STE 900
Denver CO 80202

ATTN: Josh Austin

33-18-31 Scott KS

Schowalter 6D-33-1831

Start Date: 2010.12.30 @ 13:12:15

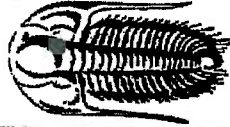
End Date: 2010.12.30 @ 19:55:15

Job Ticket #: 040614 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

Schwalter 6D-33-1831

410 17th ST STE 900
Denver CO 80202

33-18-31 Scott KS

Job Ticket: 040614

DST#: 2

ATTN: Josh Austin

Test Start: 2010.12.30 @ 13:12:15

GENERAL INFORMATION:

Formation: Marmaton
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 15:05:15
 Time Test Ended: 19:55:15
 Interval: 4302.00 ft (KB) To 4410.00 ft (KB) (TVD)
 Total Depth: 4410.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair

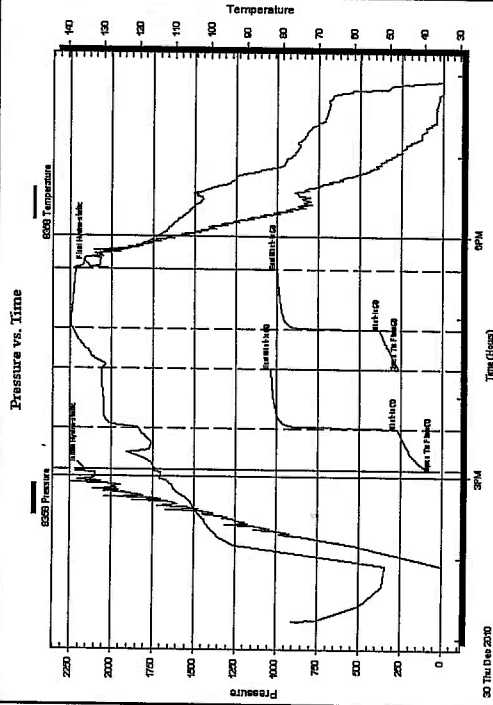
Test Type: Conventional Bottom Hole
 Tester: Mike Roberts
 Unit No: 48
 Reference Elevations: 2956.00 ft (KB)
 2946.00 ft (CF)
 10.00 ft
 KB to GR/CF:

Serial #: 8358

Outside
 Press@RunDepth: 380.97 psig @ 4373.00 ft (KB)
 Start Date: 2010.12.30 End Date:
 Start Time: 13:12:15 End Time:

Capacity: 8000.00 psig
 Last Calib.: 2010.12.30
 Time On Btm: 2010.12.30 @ 15:05:00
 Time Off Btm: 2010.12.30 @ 17:36:45

TEST COMMENT: IF:BOB in 11 min.
 IS:No return blow
 FF:BOB in 15 min
 FS:No return blow



PRESSURE SUMMARY

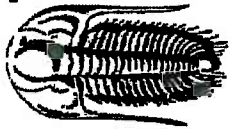
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2164.59	115.94	Initial Hydro-static
1	62.21	115.46	Open To Flow (1)
31	271.77	120.23	Shut-In(1)
76	1037.13	130.43	End Shut-In(1)
76	265.13	130.09	Open To Flow (2)
106	380.97	138.66	Shut-In(2)
151	1000.45	137.78	End Shut-In(2)
152	2126.49	137.32	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
688.00	mud w lith oil spots	8.47

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

FIML Natural Resources

Schowalter 6D-33-1831

410 17th ST STE 900
Denver CO 80202

33-18-31 Scott KS

Job Ticket: 040614 DST#: 2

ATTN: Josh Austin

Test Start: 2010.12.30 @ 13:12:15

Tool Information

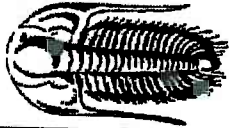
Drill Pipe: Length: 4162.00 ft Diameter: 3.80 inches Volume: 58.38 bbl Tool Weight: 1500.00 lb
 Heavy Wt. Pipe: Length: 0.00 ft Diameter: 0.00 inches Volume: 0.00 bbl Weight set on Packer: 25000.00 lb
 Drill Collar: Length: 130.00 ft Diameter: 2.25 inches Volume: 0.64 bbl Weight to Pull Loose: 90000.00 lb

Drill Pipe Above KB: 10.00 ft Total Volume: 59.02 bbl Tool Chased 0.00 ft
 Depth to Top Packer: 4302.00 ft String Weight: Initial 64000.00 lb Final 68000.00 lb
 Depth to Bottom Packer: ft
 Interval between Packers: 108.00 ft
 Tool Length: 128.00 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			4283.00	
Shut In Tool	5.00			4288.00	
Hydraulic tool	5.00			4293.00	
Packer	5.00			4298.00	20.00 Bottom Of Top Packer
Packer	4.00			4302.00	
Stubb	1.00			4303.00	
Perforations	5.00			4308.00	
Change Over Sub	1.00			4309.00	
Drill Pipe	63.00			4372.00	
Change Over Sub	1.00			4373.00	
Recorder	0.00	8358	Outside	4373.00	
Recorder	0.00	8322	Outside	4373.00	
Perforations	32.00			4405.00	
Bullnose	5.00			4410.00	108.00 Bottom Packers & Anchor

Total Tool Length: 128.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

FIML Natural Resources

Schowalter 6D-33-1831

410 17th ST STE 900
Denver CO 80202

33-18-31 Scott KS

Job Ticket: 040614

DST#: 2

ATTN: Josh Austin

Test Start: 2010.12.30 @ 13:12:15

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 57.00 sec/qt
Water Loss: 8.74 in³
Resistivity: 0.00 ohm.m
Salinity: 2000.00 ppm
Filter Cake: 1.00 inches

Cushion Type:
Cushion Length:
Cushion Volume:
Gas Cushion Type:
Gas Cushion Pressure:

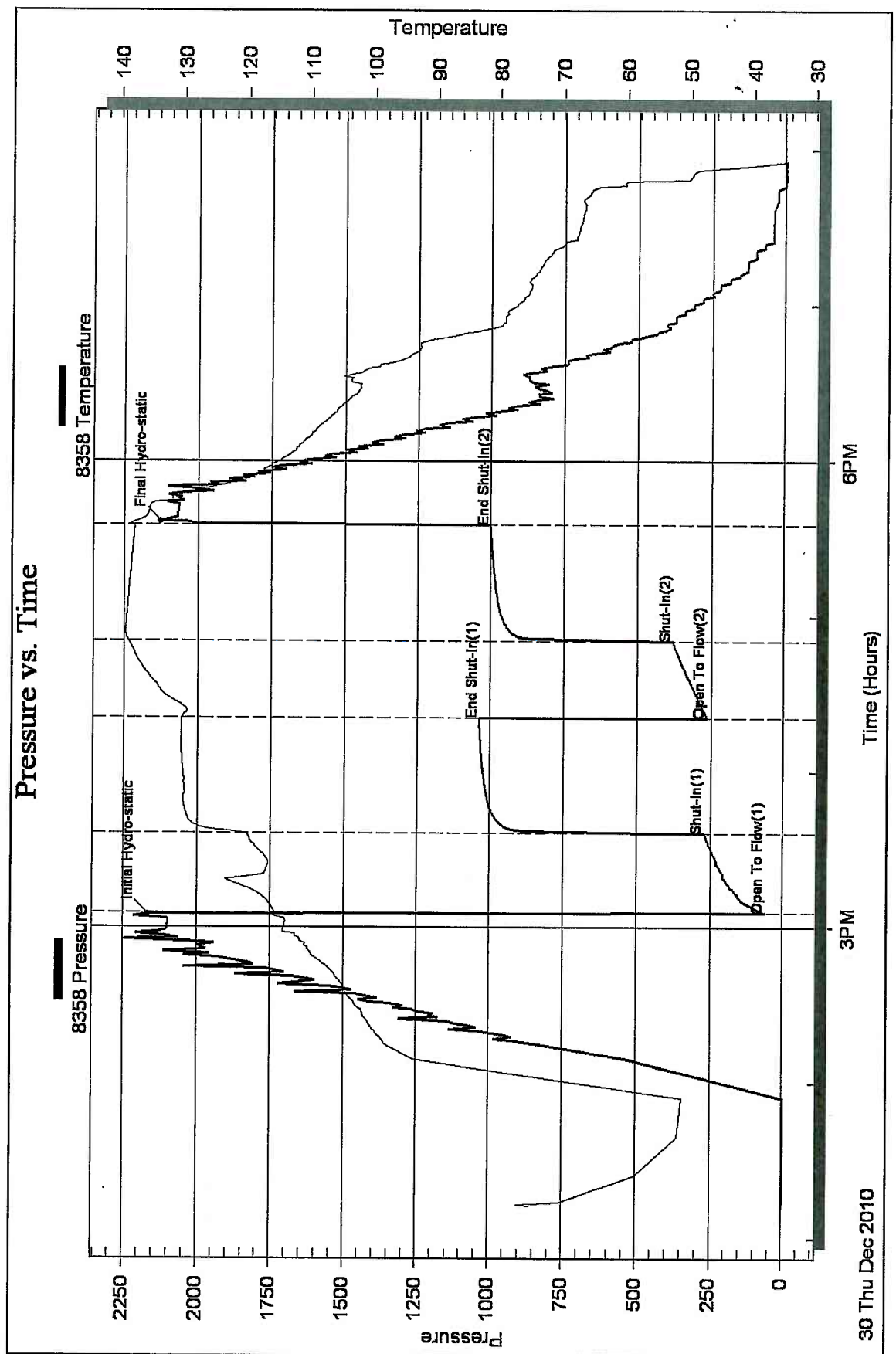
ft
bbl
psig
Oil API:
Water Salinity:
0 deg API
0 ppm

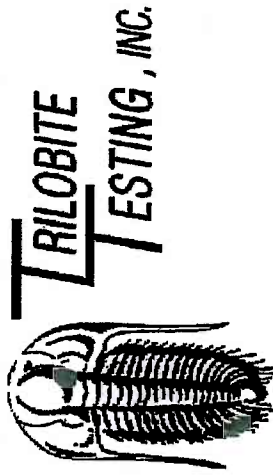
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
688.00	mud with oil spots	8.467

Total Length: 688.00 ft Total Volume: 8.467 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**

410 17th ST STE 900
Denver CO 80202

ATTN: Josh Austin

33-18-31 Scott KS

Schowalter 6D-33-1831

Start Date: 2011.01.01 @ 14:20:49

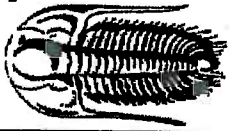
End Date: 2011.01.01 @ 00:15:04

Job Ticket #: 041130 DST #: 3

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

Schwalter 6D-33-1831

410 17th ST STE 900
Denver CO 80202

33-18-31 Scott KS

Job Ticket: 041130

DST#: 3

ATTN: Josh Austin

Test Start: 2011.01.01 @ 14:20:49

GENERAL INFORMATION:

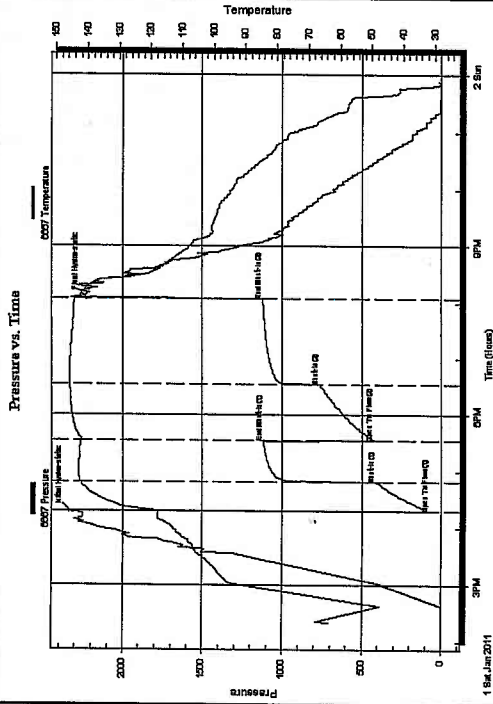
Formation: Miss, Spergen
Deviated: No Whipstock
Time Tool Opened: 16:17:19
Time Test Ended: 00:15:04
Interval: 4568.00 ft (KB) To 4590.00 ft (KB) (TVD)
Total Depth: 4590.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole
Tester: Shane McBride
Unit No: 40
Reference Elevations: 2956.00 ft (KB)
2946.00 ft (CF)
10.00 ft
KB to GR/CF:

Serial #: 6667 Inside
Press@RunDepth: 761.93 psig @ 4570.00 ft (KB)
Start Date: 2011.01.01 End Date:
Start Time: 14:20:49 End Time:

Capacity: 8000.00 psig
Last Callb.: 2011.01.02
Time On Btm: 2011.01.01 @ 16:17:04
Time Off Btm: 2011.01.01 @ 20:05:19

TEST COMMENT: B.O.B. in 2 1/2 min.
9" return
9" @ open B.O.B. in 1 min.
1" return, cied back to 1/4"



PRESSURE SUMMARY

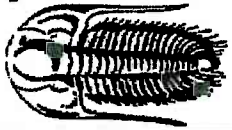
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2334.30	118.31	Initial Hydro-static
1	76.32	117.84	Open To Flow (1)
32	410.46	142.51	Shut-In(1)
76	1117.43	142.44	End Shut-In(1)
76	423.78	142.08	Open To Flow (2)
136	761.93	145.75	Shut-In(2)
228	1121.10	144.36	End Shut-In(2)
229	2228.88	144.60	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	s m c o 10% m 30% g 60% o	0.30
1953.00	c g o 30% g 70% o	26.30
0.00	899' gas in pipe	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

FIML Natural Resources

Schowalter 6D-33-1831

410 17th ST STE 900
Denver CO 80202

33-18-31 Scott KS

Job Ticket: 041130 DST#: 3

ATTN: Josh Austin

Test Start: 2011.01.01 @ 14:20:49

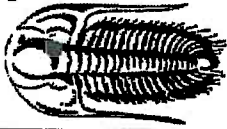
Tool Information

Drill Pipe: Length: 4395.00 ft Diameter: 3.80 inches Volume: 61.65 bbl Tool Weight: 1500.00 lb
 Heavy Wt. Pipe: Length: 0.00 ft Diameter: 0.00 inches Volume: 0.00 bbl Weight set on Packer: 25000.00 lb
 Drill Collar: Length: 182.00 ft Diameter: 2.25 inches Volume: 0.90 bbl Weight to Pull Loose: 100000.0 lb
 Drill Pipe Above KB: 29.00 ft Total Volume: 62.55 bbl Tool Chased 0.00 ft
 Depth to Top Packer: 4568.00 ft String Weight: Initial 72000.00 lb
 Depth to Bottom Packer: ft Final 75000.00 lb
 Interval between Packers: 22.00 ft
 Tool Length: 42.00 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			4549.00	
Shut In Tool	5.00			4554.00	
Hydraulic tool	5.00			4559.00	
Packer	5.00			4564.00	20.00 Bottom Of Top Packer
Packer	4.00			4568.00	
Stubb	1.00			4569.00	
Perforations	1.00			4570.00	
Recorder	0.00	6667	Inside	4570.00	
Recorder	0.00	6771	Outside	4570.00	
Perforations	15.00			4585.00	
Bullnose	5.00			4590.00	22.00 Bottom Packers & Anchor

Total Tool Length: 42.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

FIML Natural Resources

Schowalter 6D-33-1831

410 17th ST STE 900
Denver CO 80202

33-18-31 Scott KS

Job Ticket: 041130

DST#: 3

ATTN: Josh Austin

Test Start: 2011.01.01 @ 14:20:49

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 54.00 sec/qt
Water Loss: 7.19 in³
Resistivity: 0.00 ohm.m
Salinity: 3500.00 ppm
Filter Cake: 1.00 inches

Cushion Type: Oil API: 30 deg API
Cushion Length: ft Water Salinity: 0 ppm
Cushion Volume: bbl
Gas Cushion Type: psig
Gas Cushion Pressure:

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	s m c o 10% m 30% g 60% o	0.305
1953.00	c g o 30% g 70% o	26.302
0.00	899' gas in pipe	0.000

Total Length: 2015.00 ft

Total Volume: 26.607 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

