



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1081633
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

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
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

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

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical 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

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

1081633

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

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

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Run	<input type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				

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
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

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

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> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	BEREXCO LLC
Well Name	Huslig 2-28
Doc ID	1081633

Tops

Name	Top	Datum
Heebner (base)	3894	-936
Toronto	3903	-945
Lansing	3931	-973
Lansing H	4122	-1164
Lansing J	4181	-1223
Pleasanton	4296	-1338
Marmaton	4331	-1373
Pawnee	4405	-1447
Ft. Scott	4435	-1477
Cherokee	4456	-1498
Johnson	4415	-1557
Mississippi	4546	-1566
Spergen	4592	-1634
RTD	4725	
LTD	4722	

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/>

Mark Sievers, Chairman
Ward Loyd, Commissioner
Thomas E. Wright, Commissioner

Sam Brownback, Governor

May 17, 2012

Evan Mayhew
BEREXCO LLC
2020 N. BRAMBLEWOOD
WICHITA, KS 67206-1094

Re: ACO1
API 15-171-20865-00-00
Huslig 2-28
NE/4 Sec.28-18S-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,
Evan Mayhew

ALLIED CEMENTING CO., LLC. 040962

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

Enkley

DATE <i>4-25-12</i>	SEC. <i>28</i>	TWP. <i>18</i>	RANGE <i>31</i>	CALLED OUT	ON LOCATION <i>near 12:00 PM</i>	JOB START <i>6:00 PM</i>	JOB FINISH <i>6:30 PM</i>
LEASE <i>Huslig</i>	WELL # <i>2-28</i>	LOCATION <i>Scott City 9 E To Union Rd S</i>			COUNTY <i>Scott</i>	STATE <i>Ks</i>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)			To dead end 1/2 W - N into				

CONTRACTOR *Bredco #2*

TYPE OF JOB *Surface*

HOLE SIZE *12 1/2* T.D. *450*

CASING SIZE *8 5/8* DEPTH *450*

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. *15'*

PERFS.

DISPLACEMENT *27.70*

OWNER *Same*

CEMENT

AMOUNT ORDERED *250 SKs 40/40 30% CC 20% Gel*

COMMON	<i>150 SKs</i>	@ <i>\$16.25</i>	<i>\$2437.50</i>
POZMIX	<i>100 SKs</i>	@ <i>\$8.50</i>	<i>\$850.00</i>
GEL	<i>4 SKs</i>	@ <i>\$21.25</i>	<i>\$85.00</i>
CHLORIDE	<i>8 SKs</i>	@ <i>\$58.25</i>	<i>\$465.60</i>
ASC		@	
		@	
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	<i>268.59</i>	@ <i>\$2.10</i>	<i>\$564.04</i>
MILEAGE	<i>11.287 x 50</i>	@ <i>\$2.35</i>	<i>\$1326.32</i>
			TOTAL <i>\$5728.42</i>

EQUIPMENT

PUMP TRUCK CEMENTER *Damon R.*

422 HELPER *Tyler*

BULK TRUCK

896-306 DRIVER *Billy*

BULK TRUCK

DRIVER

REMARKS:

Mix 250 SKs Cement

Displace with water

Cement Did Circulate

Thank You

CHARGE TO: *Barrens INC.*

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB		
PUMP TRUCK CHARGE		<i>\$1125.00</i>
EXTRA FOOTAGE	@	
MILEAGE	<i>50 miles</i>	@ <i>\$7.00</i> <i>\$350.00</i>
MANIFOLD	<i>Head</i>	@ <i>\$200.00</i>
	<i>LV mileage</i>	@ <i>\$14.00</i> <i>\$200.00</i>
	@	
TOTAL <i>1875.00</i>		

PLUG & FLOAT EQUIPMENT

<i>1 Top Wooden Plug</i>	@	<i>\$84.00</i>
	@	
	@	
	@	
	@	
TOTAL <i>\$84.00</i>		

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 *John Love*

SIGNATURE *[Signature]*

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Berexco LLC
 2020 N Bramblewood
 Wichita, KS 67206
 ATTN: Edw in Grieves

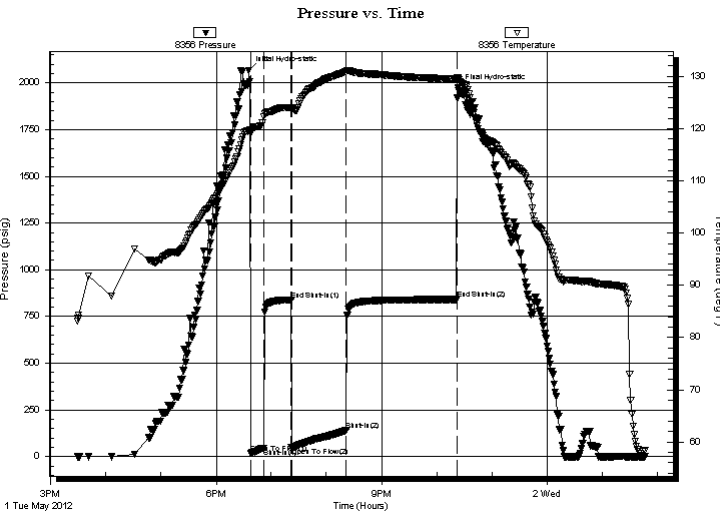
28-18s-31w Scott, KS
Huslig 2-28
 Job Ticket: 46506 **DST#: 1**
 Test Start: 2012.05.01 @ 15:29:02

GENERAL INFORMATION:

Formation: **Lansing H**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 18:37:32 Tester: Brandon Turley
 Time Test Ended: 01:47:02 Unit No: 60
 Interval: **4124.00 ft (KB) To 4142.00 ft (KB) (TVD)** Reference Elevations: 2956.00 ft (KB)
 Total Depth: 4142.00 ft (KB) (TVD) 2946.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 10.00 ft

Serial #: 8356 Outside
 Press @ Run Depth: 139.92 psig @ 4142.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.05.01 End Date: 2012.05.02 Last Calib.: 2012.05.01
 Start Time: 15:29:07 End Time: 01:47:02 Time On Btm: 2012.05.01 @ 18:35:17
 Time Off Btm: 2012.05.01 @ 22:23:32

TEST COMMENT: IF: 1/4 blow built to 2.
 IS: No return.
 FF: Surface blow built to 7.
 FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2066.55	119.60	Initial Hydro-static
3	17.26	119.13	Open To Flow (1)
17	45.50	122.28	Shut-In(1)
47	839.43	124.04	End Shut-In(1)
47	47.14	123.88	Open To Flow (2)
107	139.92	130.96	Shut-In(2)
227	841.31	129.51	End Shut-In(2)
229	1972.35	129.61	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
93.00	mcw 60%w 40%m	0.46
186.00	mw 50%w 50%m	0.91

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco LLC

28-18s-31w Scott, KS

2020 N Bramblewood
Wichita, KS 67206

Huslig 2-28

Job Ticket: 46506

DST#: 1

ATTN: Edwin Grieves

Test Start: 2012.05.01 @ 15:29:02

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

34000 ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.97 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
93.00	mcw 60%w 40%m	0.457
186.00	mw 50%w 50%m	0.915

Total Length: 279.00 ft Total Volume: 1.372 bbl

Num Fluid Samples: 0

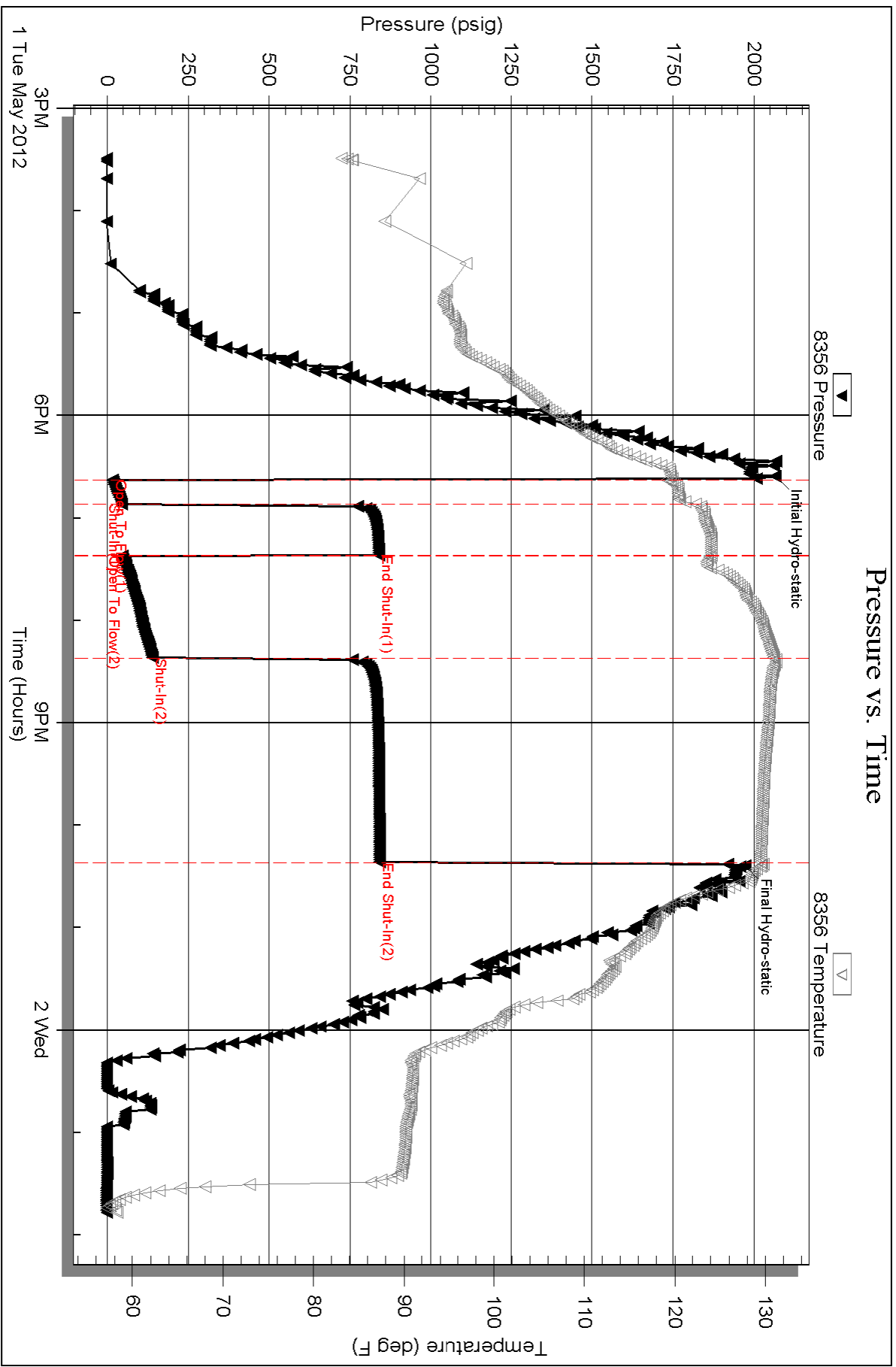
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .24@62=34000





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Berexco LLC
2020 N Bramblewood
Wichita, KS 67206
ATTN: Edw in Grieves

28-18s-31w Scott, KS
Huslig 2-28
Job Ticket: 46507 **DST#: 2**
Test Start: 2012.05.02 @ 23:46:03

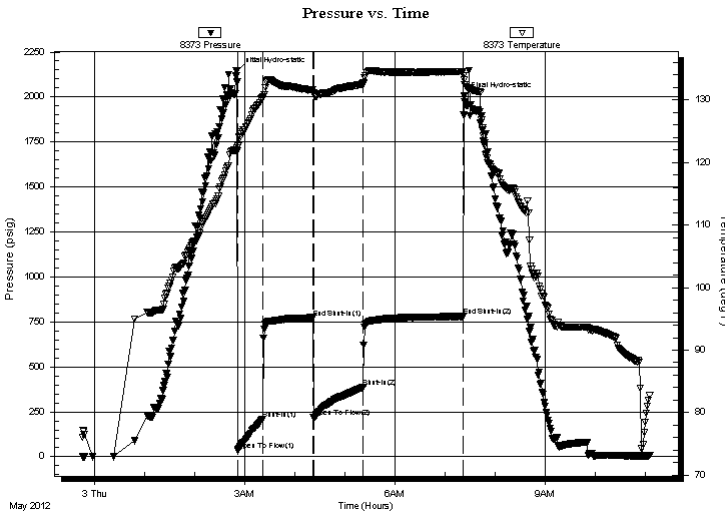
GENERAL INFORMATION:

Formation: **Lansing J**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 02:51:48
Time Test Ended: 11:05:33
Interval: **4182.00 ft (KB) To 4200.00 ft (KB) (TVD)**
Total Depth: 4200.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole (Reset)
Tester: Brandon Turley
Unit No: 60
Reference Elevations: 2956.00 ft (KB)
2946.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 8373 Inside
Press @ Run Depth: 386.48 psig @ 4187.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2012.05.02 End Date: 2012.05.03 Last Calib.: 2012.05.03
Start Time: 23:46:08 End Time: 11:05:33 Time On Btm: 2012.05.03 @ 02:50:03
Time Off Btm: 2012.05.03 @ 07:22:33

TEST COMMENT: IF: BOB in 16 min.
IS: No return.
FF: BOB in 22 min.
FS: No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2143.56	121.87	Initial Hydro-static
2	33.52	121.91	Open To Flow (1)
32	208.25	130.27	Shut-In(1)
92	773.96	131.68	End Shut-In(1)
93	218.04	131.13	Open To Flow (2)
152	386.48	132.55	Shut-In(2)
272	780.24	134.58	End Shut-In(2)
273	2004.48	133.18	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
651.00	water 100%w	3.67
217.00	mcw 90%w 10%m	3.04

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco LLC

28-18s-31w Scott, KS

2020 N Bramblewood
Wichita, KS 67206

Huslig 2-28

Job Ticket: 46507

DST#: 2

ATTN: Edwin Grieves

Test Start: 2012.05.02 @ 23:46:03

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

35000 ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
651.00	water 100%w	3.666
217.00	mcw 90%w 10%m	3.044

Total Length: 868.00 ft Total Volume: 6.710 bbl

Num Fluid Samples: 0

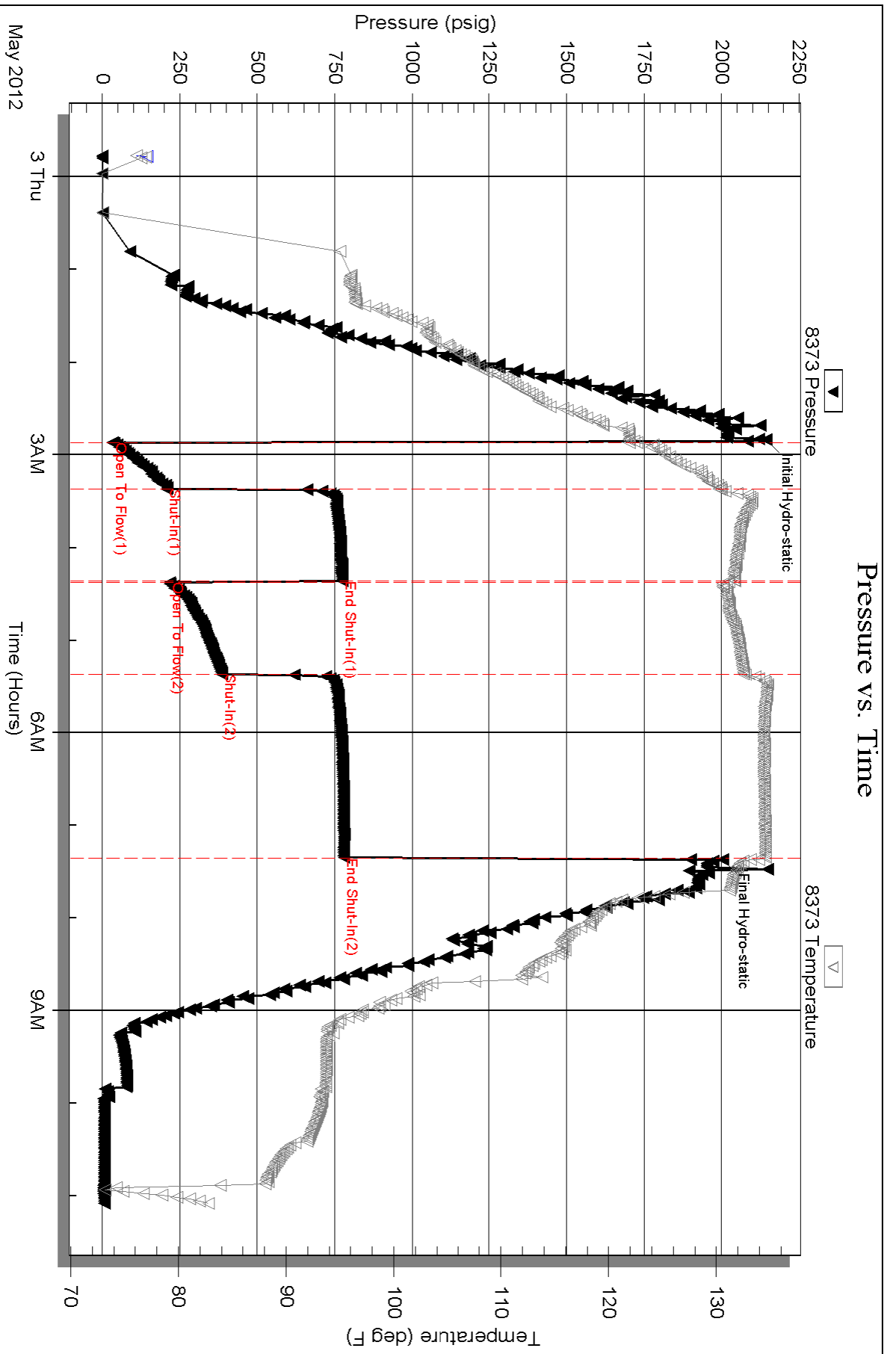
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .20@71=35000





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Berexco LLC
 2020 N Bramblewood
 Wichita, KS 67206
 ATTN: Edw in Grieves

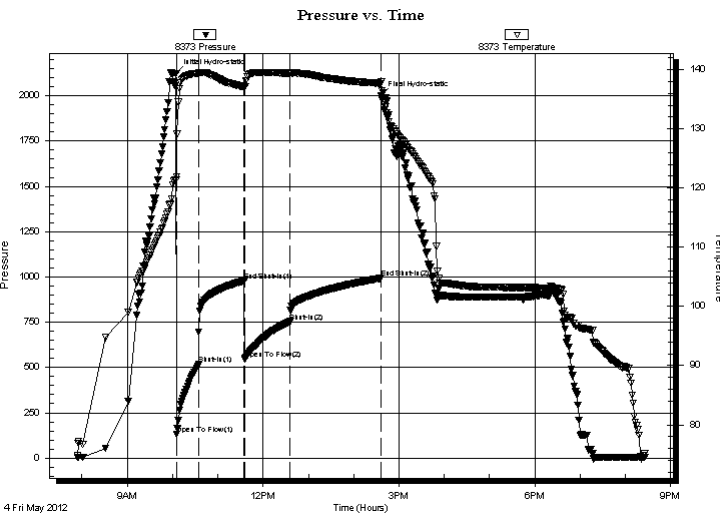
28-18s-31w Scott, KS
Huslig 2-28
 Job Ticket: 46508 **DST#: 3**
 Test Start: 2012.05.04 @ 07:54:04

GENERAL INFORMATION:

Formation: **Pleasanton**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 10:05:04
 Tester: Brandon Turley
 Time Test Ended: 20:25:49
 Unit No: 60
 Interval: **4294.00 ft (KB) To 4304.00 ft (KB) (TVD)**
 Reference Elevations: 2956.00 ft (KB)
 Total Depth: 4303.00 ft (KB) (TVD)
 2946.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: Good
 KB to GR/CF: 10.00 ft

Serial #: 8373 Inside
 Press @ RunDepth: 752.89 psig @ 4299.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.05.04 End Date: 2012.05.04 Last Calib.: 2012.05.04
 Start Time: 07:54:09 End Time: 20:25:49 Time On Btm: 2012.05.04 @ 10:04:34
 Time Off Btm: 2012.05.04 @ 14:36:34

TEST COMMENT: IF: BOB in 1 1/2 min.
 IS: BOB in 4 min.
 FF: BOB in 2 min.
 FS: BOB in 8 min.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2121.40	121.40	Initial Hydro-static
1	132.84	121.93	Open To Flow (1)
30	515.94	139.37	Shut-In(1)
91	978.87	137.04	End Shut-In(1)
91	545.24	136.96	Open To Flow (2)
152	752.89	139.40	Shut-In(2)
272	993.07	137.68	End Shut-In(2)
272	1998.90	137.93	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1508.00	w cgo 10%o 50%o 40%w	15.69
93.00	ocmw 5%o 65%w 30%m	1.30
0.00	2305 GIP	0.00

* Recovery from multiple tests

Gas Rates

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



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TESTING, INC.**

DRILL STEM TEST REPORT

Berexco LLC
2020 N Bramblewood
Wichita, KS 67206
ATTN: Edw in Grieves

28-18s-31w Scott, KS
Huslig 2-28
Job Ticket: 46508 **DST#: 3**
Test Start: 2012.05.04 @ 07:54:04

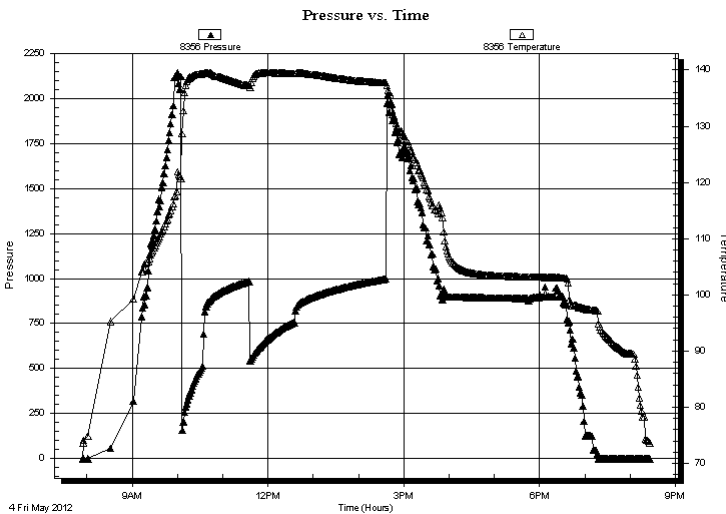
GENERAL INFORMATION:

Formation: **Pleasanton**
Deviated: No Whipstock: ft (KB)
Test Type: Conventional Bottom Hole (Reset)
Time Tool Opened: 10:05:04 Tester: Brandon Turley
Time Test Ended: 20:25:49 Unit No: 60
Interval: **4294.00 ft (KB) To 4304.00 ft (KB) (TVD)**
Reference Elevations: 2956.00 ft (KB)
Total Depth: 4303.00 ft (KB) (TVD) 2946.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 10.00 ft

Serial #: 8356 Outside
Press @ RunDepth: psig @ 4299.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2012.05.04 End Date: 2012.05.04 Last Calib.: 2012.05.04
Start Time: 07:54:20 End Time: 20:26:00 Time On Btm:
Time Off Btm:

TEST COMMENT: IF: BOB in 1 1/2 min.
IS: BOB in 4 min.
FF: BOB in 2 min.
FS: BOB in 8 min.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
1508.00	w cgo 10%o 50%o 40%w	15.69
93.00	ocmw 5%o 65%w 30%m	1.30
0.00	2305 GIP	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco LLC

28-18s-31w Scott, KS

2020 N Bramblewood
Wichita, KS 67206

Huslig 2-28

Job Ticket: 46508

DST#: 3

ATTN: Edwin Grieves

Test Start: 2012.05.04 @ 07:54:04

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:

20000 ppm

Viscosity: 62.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.97 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
1508.00	w cgo 10%o 50%o 40%w	15.688
93.00	ocmw 5%o 65%w 30%m	1.305
0.00	2305 GIP	0.000

Total Length: 1601.00 ft Total Volume: 16.993 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

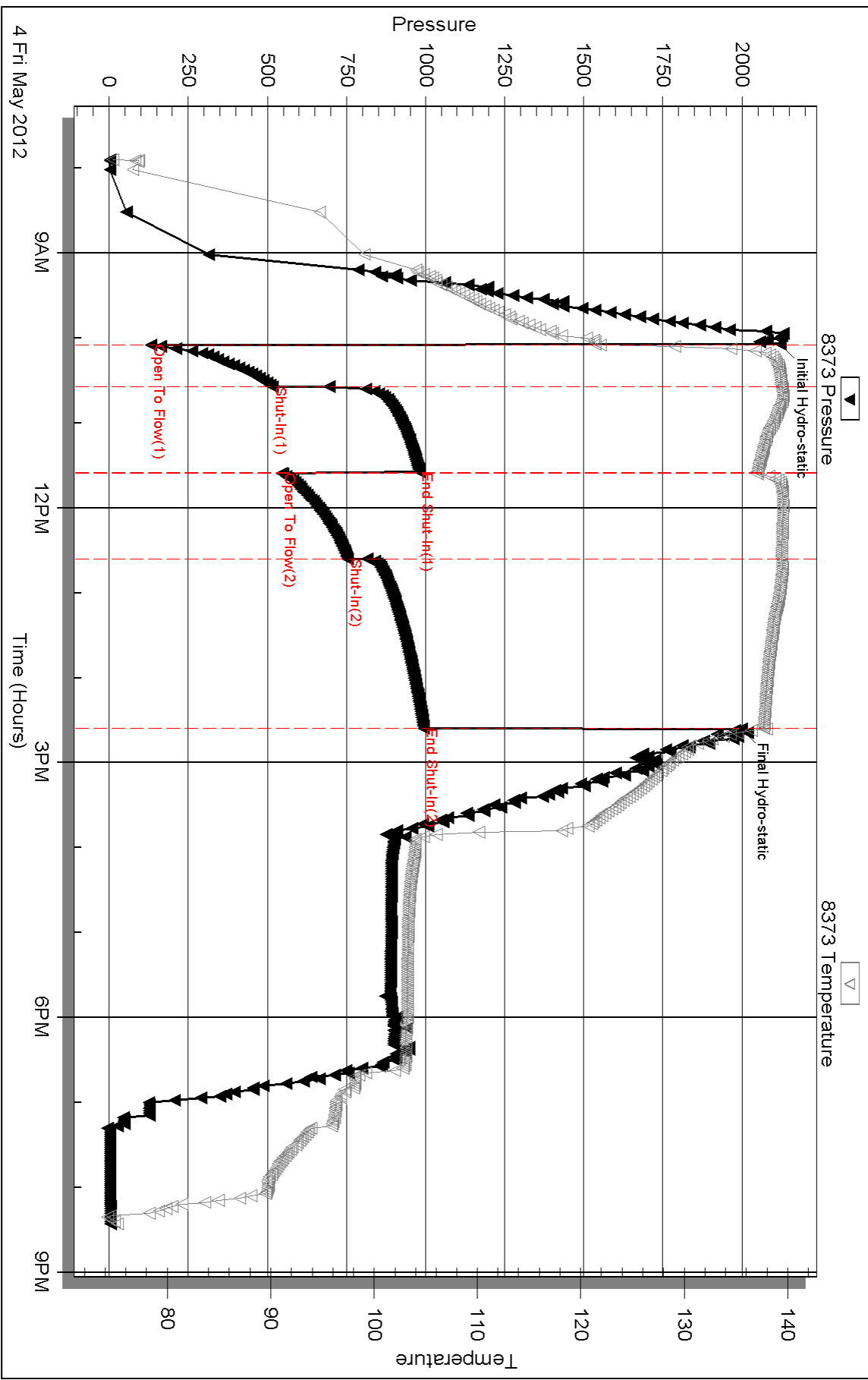
Laboratory Name:

Laboratory Location:

Recovery Comments: 38@100=34

.23@100=20000

Pressure vs. Time

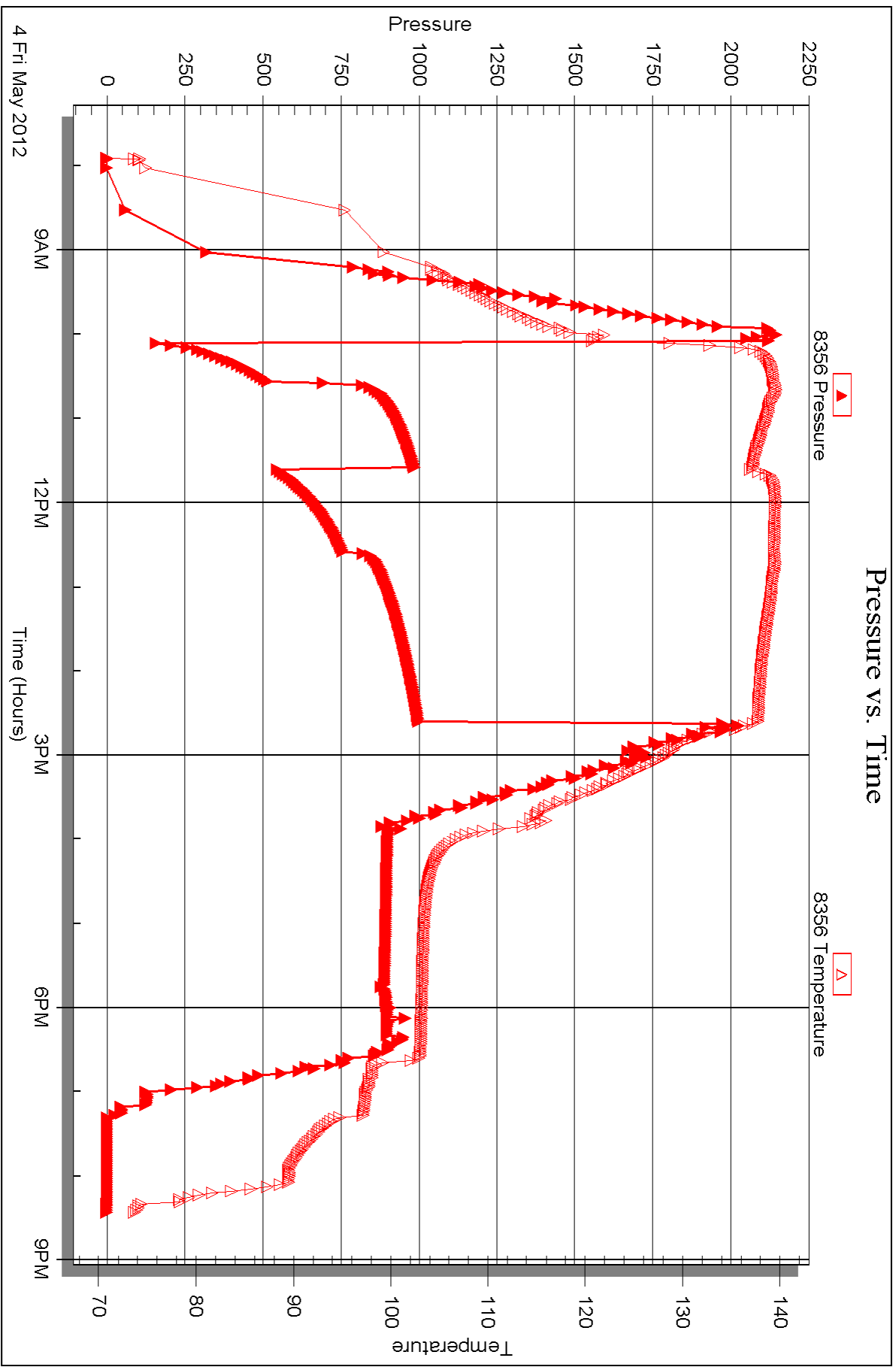


Serial #: 8356

Outside Berexco LLC

Huslig 2-28

DST Test Number: 3





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Berexco LLC
2020 N Bramblewood
Wichita, KS 67206
ATTN: Edw in Grieves

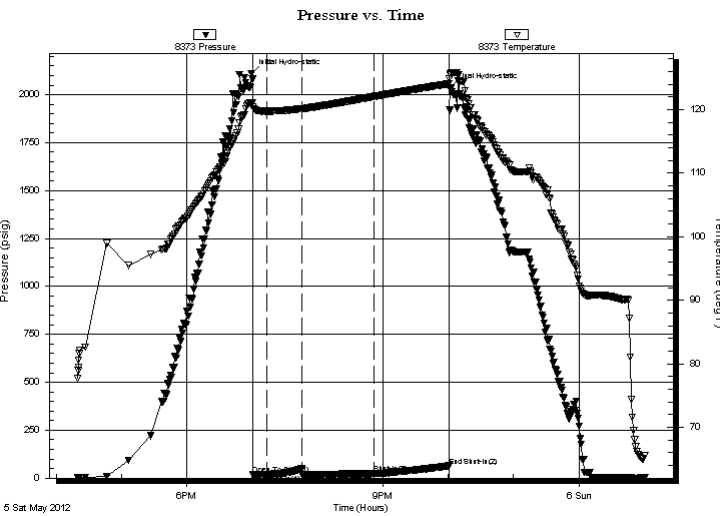
28-18s-31w Scott, KS
Huslig 2-28
Job Ticket: 46509 **DST#: 4**
Test Start: 2012.05.05 @ 16:19:54

GENERAL INFORMATION:

Formation: **Marmaton**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 19:00:34
Time Test Ended: 01:00:19
Interval: **4341.00 ft (KB) To 4380.00 ft (KB) (TVD)**
Total Depth: 4380.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole (Reset)
Tester: Brandon Turley
Unit No: 60
Reference Elevations: 2956.00 ft (KB)
2946.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 8373 Inside
Press @ Run Depth: 23.71 psig @ 4346.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2012.05.05 End Date: 2012.05.06 Last Calib.: 2012.05.06
Start Time: 16:19:54 End Time: 01:00:19 Time On Btm: 2012.05.05 @ 18:59:19
Time Off Btm: 2012.05.05 @ 22:02:03

TEST COMMENT: IF: Surface blow died in 7 min.
IS: No return.
FF: No blow.
FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2111.30	120.99	Initial Hydro-static
2	20.04	120.40	Open To Flow (1)
15	19.18	119.76	Shut-In(1)
46	48.11	120.15	End Shut-In(1)
47	18.70	120.15	Open To Flow (2)
113	23.71	122.06	Shut-In(2)
182	64.17	124.09	End Shut-In(2)
183	2038.11	125.55	Final Hydro-static

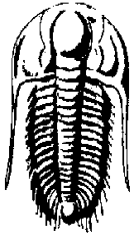
Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud oil spots 100%m	0.02

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Berexco LLC
2020 N Bramblewood
Wichita, KS 67206
ATTN: Edw in Grieves

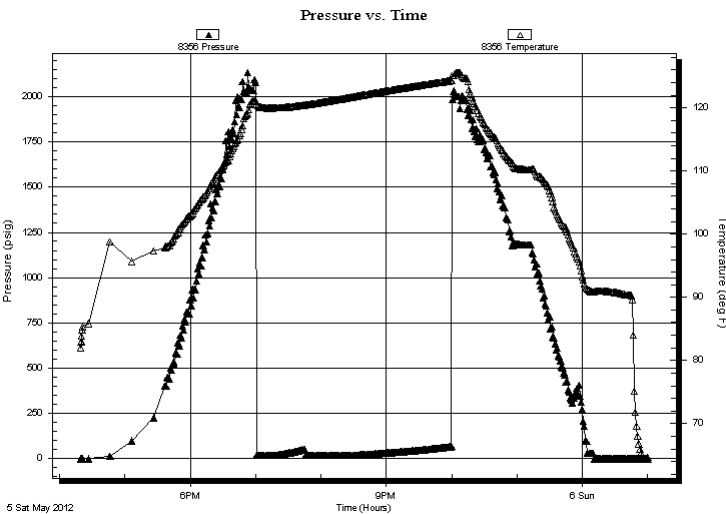
28-18s-31w Scott, KS
Huslig 2-28
Job Ticket: 46509 **DST#: 4**
Test Start: 2012.05.05 @ 16:19:54

GENERAL INFORMATION:

Formation: **Marmaton**
Deviated: No Whipstock: ft (KB)
Test Type: Conventional Bottom Hole (Reset)
Time Tool Opened: 19:00:34
Tester: Brandon Turley
Time Test Ended: 01:00:19
Unit No: 60
Interval: **4341.00 ft (KB) To 4380.00 ft (KB) (TVD)**
Reference Elevations: 2956.00 ft (KB)
Total Depth: 4380.00 ft (KB) (TVD) 2946.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 10.00 ft

Serial #: 8356 Outside
Press @RunDepth: psig @ 4346.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2012.05.05 End Date: 2012.05.06 Last Calib.: 2012.05.06
Start Time: 16:19:25 End Time: 00:59:50 Time On Btm:
Time Off Btm:

TEST COMMENT: IF: Surface blow died in 7 min.
IS: No return.
FF: No blow.
FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud oil spots 100% <i>m</i>	0.02

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco LLC

28-18s-31w Scott, KS

2020 N Bramblewood
Wichita, KS 67206

Huslig 2-28

Job Ticket: 46509

DST#: 4

ATTN: Edwin Grieves

Test Start: 2012.05.05 @ 16:19:54

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	mud oil spots 100%m	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

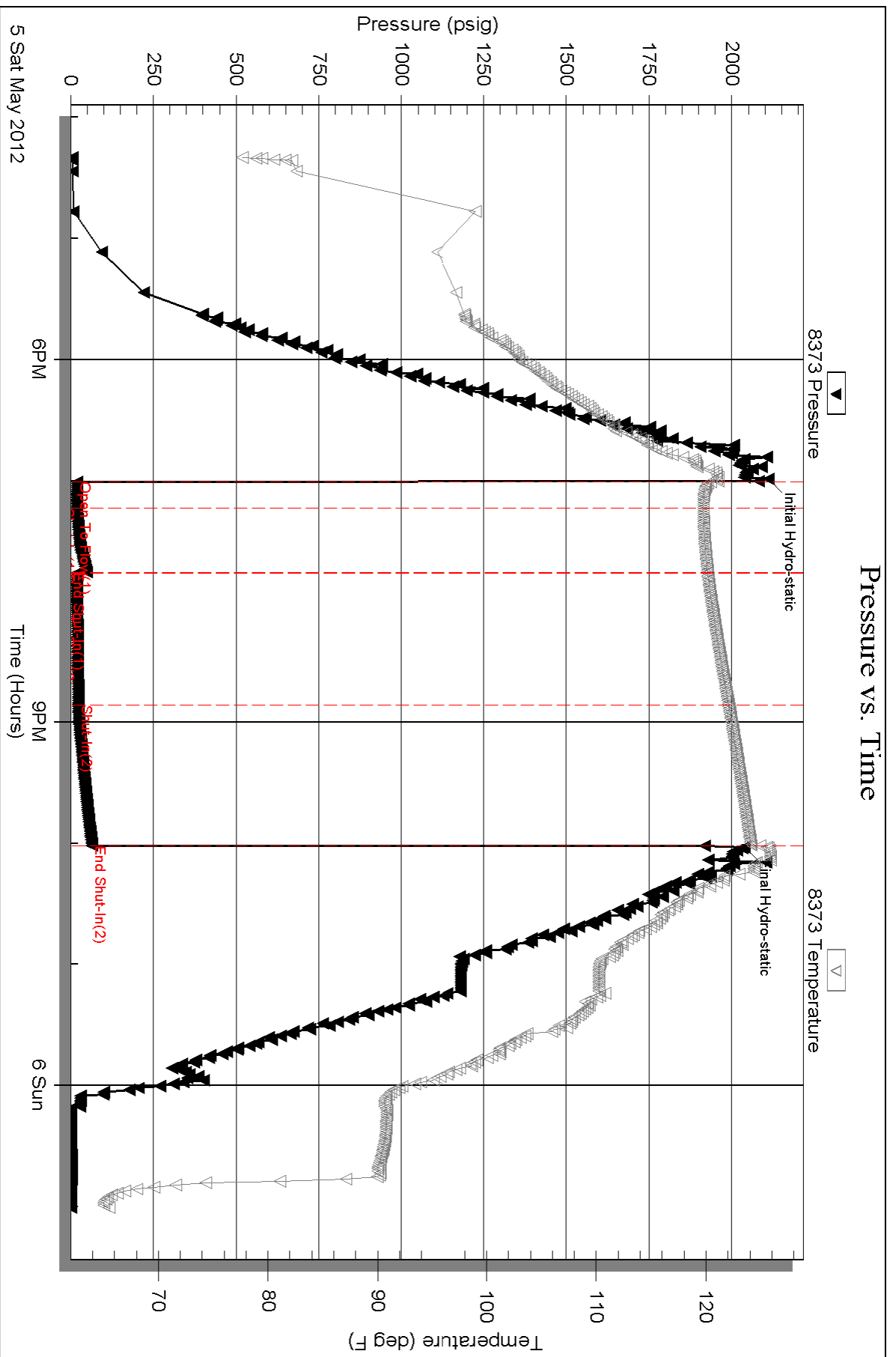
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

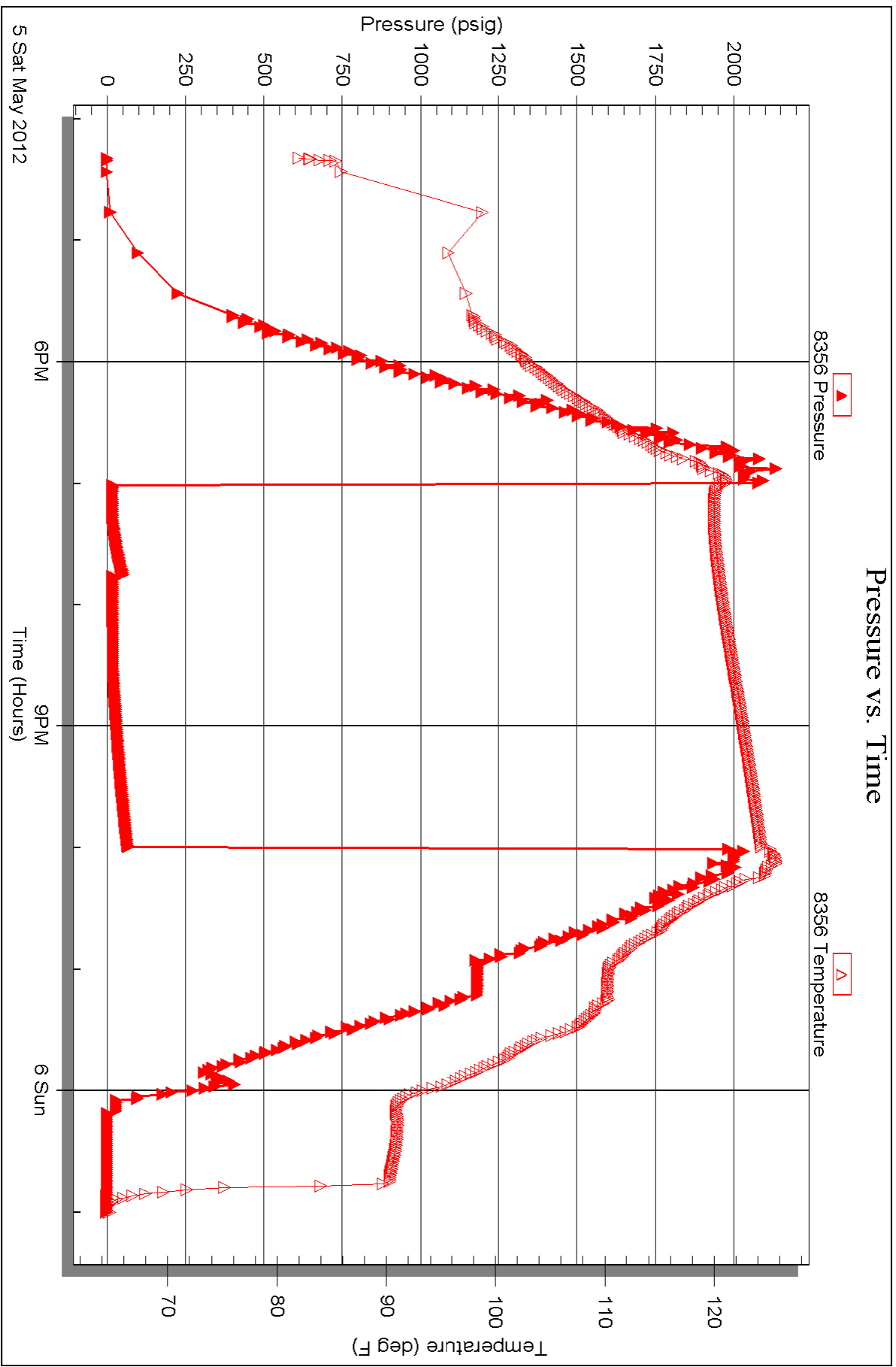


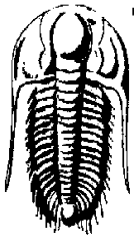
Serial #: 8356

Outside Berexco LLC

Huslig 2-28

DST Test Number: 4





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Berexco LLC

28-18s-31w Scott, KS

2020 N Bramblewood
Wichita, KS 67206

Huslig 2-28

ATTN: Edw in Grieves

Job Ticket: 46510

DST#: 5

Test Start: 2012.05.07 @ 21:13:35

GENERAL INFORMATION:

Formation: **Miss**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:37:50

Time Test Ended: 08:05:20

Test Type: Conventional Bottom Hole (Reset)

Tester: Brandon Turley

Unit No: 60

Interval: 4583.00 ft (KB) To 4598.00 ft (KB) (TVD)

Reference Elevations: 2956.00 ft (KB)

Total Depth: 4598.00 ft (KB) (TVD)

2946.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8373 Inside

Press @ Run Depth: 26.47 psig @ 4588.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.05.07 End Date: 2012.05.08

Last Calib.: 2012.05.08

Start Time: 21:13:40 End Time: 08:05:20

Time On Btm: 2012.05.08 @ 00:36:50

Time Off Btm: 2012.05.08 @ 05:08:50

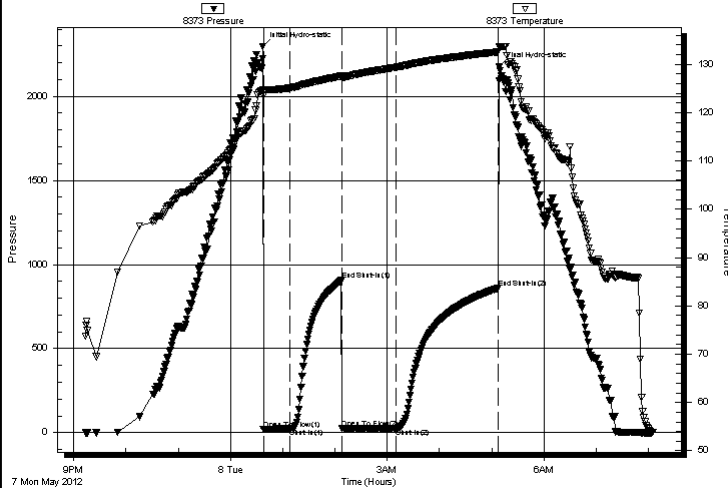
TEST COMMENT: IF: Surface blow died in 22 min.

IS: No return.

FF: No blow.

FS: No return.

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2296.72	124.63	Initial Hydro-static
1	19.99	123.46	Open To Flow (1)
32	23.32	125.09	Shut-In(1)
91	905.99	127.59	End Shut-In(1)
92	24.44	127.11	Open To Flow (2)
154	26.47	129.39	Shut-In(2)
271	860.03	132.58	End Shut-In(2)
272	2174.08	133.67	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud some oil spots 100% m	0.02

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco LLC

28-18s-31w Scott, KS

2020 N Bramblewood
Wichita, KS 67206

Huslig 2-28

Job Ticket: 46510

DST#: 5

ATTN: Edwin Grieves

Test Start: 2012.05.07 @ 21:13:35

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	mud some oil spots 100% m	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

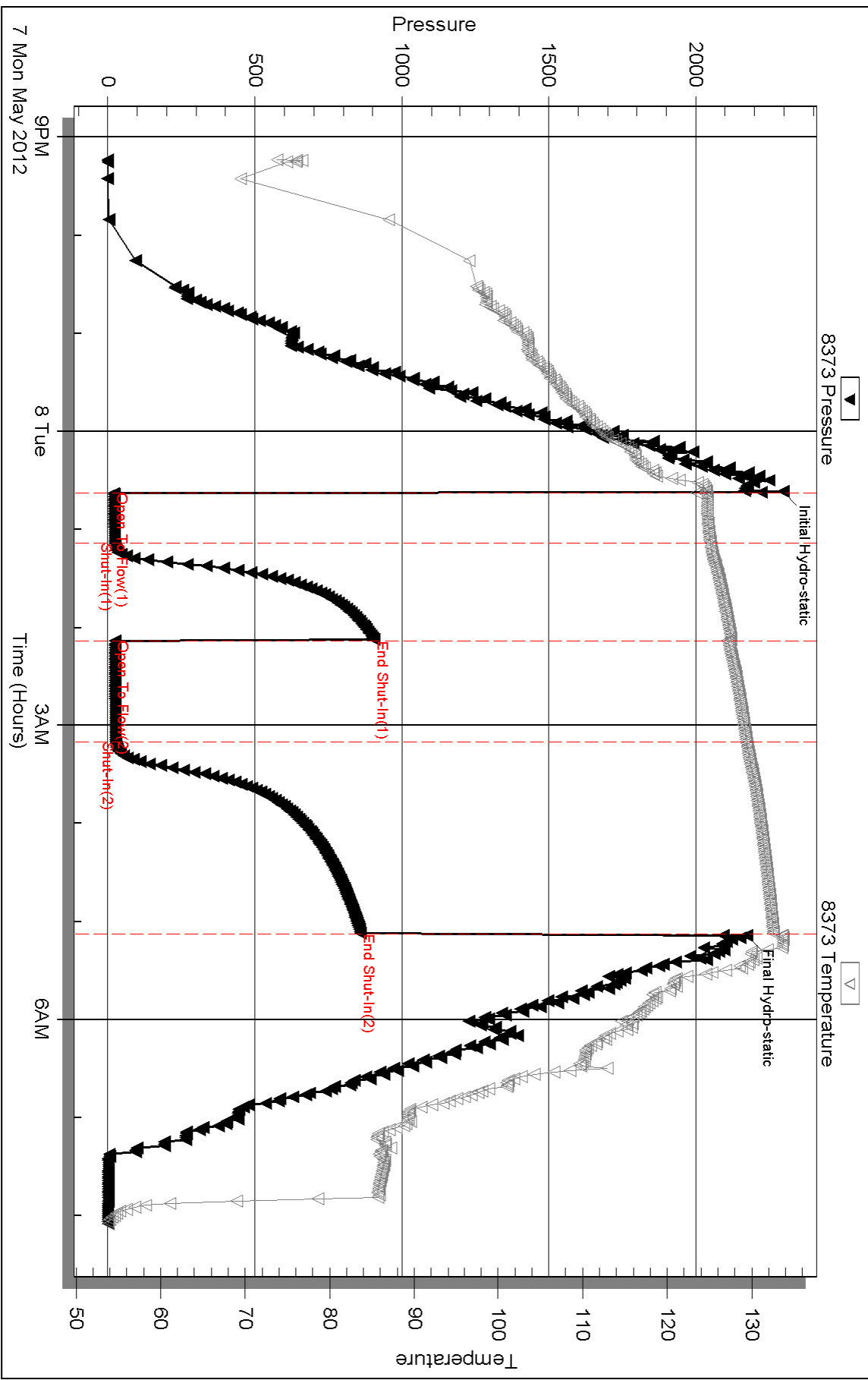
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Berexco LLC
 2020 N Bramblewood
 Wichita, KS 67206
 ATTN: Edwin Grieves

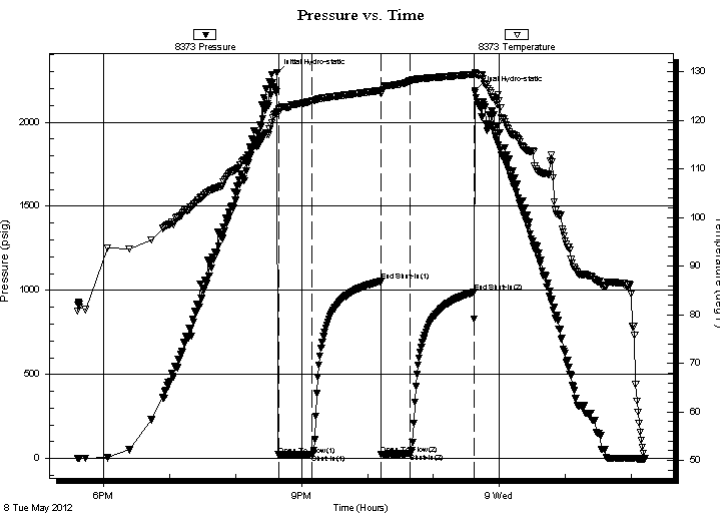
28-18s-31w Scott, KS
Huslig 2-28
 Job Ticket: 46511 **DST#: 6**
 Test Start: 2012.05.08 @ 17:36:23

GENERAL INFORMATION:

Formation: **Spergen**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 20:39:08
 Time Test Ended: 02:12:23
 Interval: **4588.00 ft (KB) To 4604.00 ft (KB) (TVD)**
 Total Depth: 4604.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Brandon Turley
 Unit No: 60
 Reference Elevations: 2956.00 ft (KB)
 2946.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 8373 Inside
 Press @ Run Depth: 29.15 psig @ 4593.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.05.08 End Date: 2012.05.09 Last Calib.: 2012.05.09
 Start Time: 17:36:28 End Time: 02:12:23 Time On Btm: 2012.05.08 @ 20:37:38
 Time Off Btm: 2012.05.08 @ 23:37:38

TEST COMMENT: IF: Surface blow built to 1/4 died in 28 min.
 IS: No return.
 FF: No blow.
 FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2291.58	121.63	Initial Hydro-static
2	21.77	122.10	Open To Flow (1)
32	24.15	123.97	Shut-In(1)
95	1053.91	126.18	End Shut-In(1)
95	26.68	125.45	Open To Flow (2)
122	29.15	128.20	Shut-In(2)
179	989.65	129.48	End Shut-In(2)
180	2186.30	129.88	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud some oil spots 100% m	0.02

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco LLC

28-18s-31w Scott, KS

2020 N Bramblewood
Wichita, KS 67206

Huslig 2-28

Job Ticket: 46511

DST#: 6

ATTN: Edwin Grieves

Test Start: 2012.05.08 @ 17:36:23

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 63.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	mud some oil spots 100% m	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8373

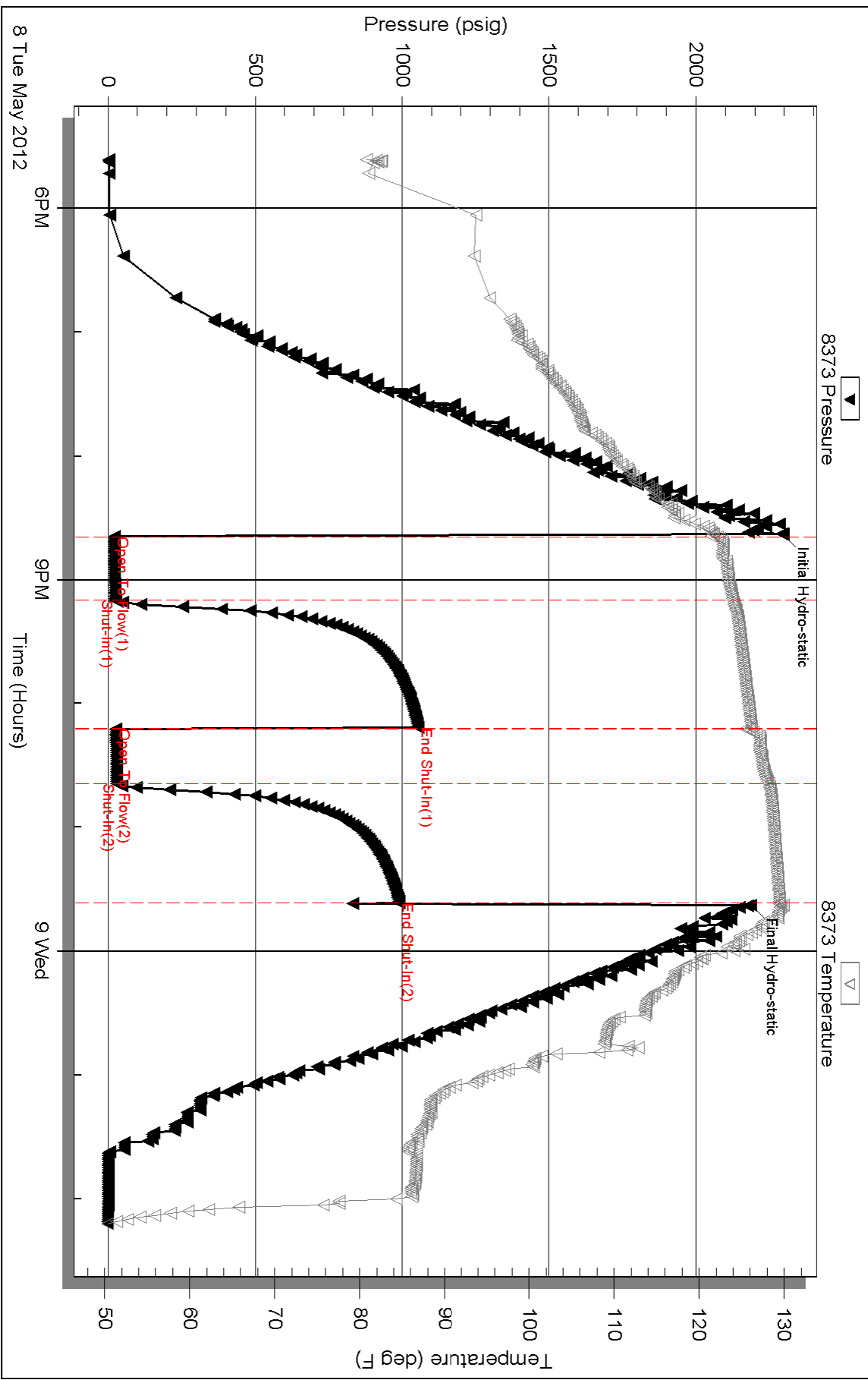
Inside

Berexco LLC

Huslig 2-28

DST Test Number: 6

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 46511

Printed: 2012.05.09 @ 07:45:37

GEOLOGIST'S REPORT

DRILLING TIME & SAMPLE LOG

COMPANY BEREXCO LLC
 LEASE HUSLIG NO. 2-28
 LOCATION 1922'FNL & 1542'FEL
 SEC. 28 TWP. 18S RNG. 31W
 COUNTY SCOTT, STATE KANSAS
 FIELD EVA SOUTH

ELEVATIONS
 KB 2958
 DF 2956
 GL 2946

MEASUREMENTS ARE ALL FROM KH

CASING RECORD
 8.625" GT 450 W/ 250 SX.
 _____ "GT _____ W/ _____ SX.
 _____ "GT _____ W/ _____ SX.
 _____ "GT _____ W/ _____ SX.

EL. LOG AC-RES-SP-GR
DEN-NEUT-GR-CALIRER
ML

CONTRACTOR BEREDCO DRLG. RIG NO. 2
 COMM. 4-24-2012 COMP. 5-11-2012
 RTD 4725 LTD 4722
 No. of DST'S 6 No. of CORES NONE

SAMPLES SAVED FROM 3700 TO TD
 DRILLING TIME KEPT FROM 3700 TO TD
 SAMPLES EXAMINED FROM 3700 TO TD
 GEOLOGICAL SUPERVISION FROM 3700 TO TD
 GEOLOGIST ON WELL EDWIN H. GRIEVES

FORMATION TOPS	SAMPLE	LOG	SUBSEA
BASE HEEBNER	<u>3894</u>	<u>3887</u>	- <u>929</u>
TORONTO	<u>3903</u>	<u>3898</u>	- <u>940</u>
LANSING FM.	<u>3931</u>	<u>3930</u>	- <u>972</u>
LANSING "H"	<u>4122</u>	<u>4117</u>	- <u>1159</u>
MARMATON	<u>4331</u>	<u>4334</u>	- <u>1376</u>
CHEROKEE FM.	<u>4456</u>	<u>4452</u>	- <u>1494</u>
MISSISSIPPI	<u>4546</u>	<u>4536</u>	- <u>1578</u>
SPERGEN	<u>4592</u>	<u>4596</u>	- <u>1638</u>
TD	<u>4725</u>	<u>4722</u>	



API NO. 15-171-20865

REMARKS East-Tech had an unmanned gas detection trailer on this well from 3700 feet to Total depth.

Thank you for your help!
 Edwin H. Grieves
 Geologist

= MUD LOG
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 = MUD LOG

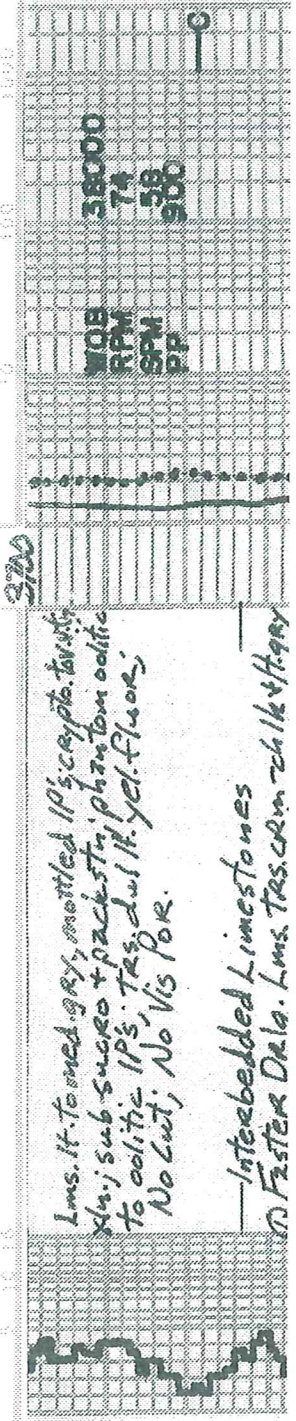
SAMPLE DESCRIPTION

DETAILED SCALE

GAS SCALE

Lms. lt. to med. gr., mottled IP's crypto. to bits
 sh.; sub-sucro + pack-stn; phanton oolitic
 to oolitic IP's; Tan. sh. w/ H. yel. flow;
 No Lut; No Vis POR.

Interbedded Limestones
 @ Foster Dala. Lms. Tan. sh. w/ ch. l. & sh.



No cut, No vis 10K.

Interebedded Limestones

① Faster Dalg. Lms. trs. cream chalky gray
sl. sh. to tan; crypto. to v. v. fl. sub-
trs. sub-chalky sub-succo. to succo. 2bn
phantom oolitic to trs. oolitic;
dul. H. to H. yel. fluor. No cut, 2bn. peto
ex. sh. trs. good to trs. excel.
micro-oolitic to interbed. por.
② Slower H. Dalg. Lms. similar 3100-3717

Lms. tan, grayish lps to H. gray; crypto. to
v. v. fl. sub-trs. sub-ph. sub-succo.
+ packstn; dul. H. to fl. yel. fluor.;
No cut; No vis por.

Lms. trs. cream-chalk. Tan; crypto
to v. v. fl. x. l. v. trs. sub-chalk.
sub-succo to succo. phantom
oolitic lps to trs. oolitic;
sl. trs. micro-oolitic; dul. yel. fluor.
No cut; 2bn. pr. to tan. micro-oolitic and
foss. interbed. por. trs. good to excel.
micro-oolitic to micro-oolitic
por.

Lms. H. gray to grayish. Tan; sub-succo
to hyp. trs. packstn; trs. phantom
oolitic; dul. yel. to dul. H. yel. fluor.;
No cut; trs. v. pr. micro-oolitic por.

Lms. trs. cream-chalk to H. gray; grayish
Tan to Tan; crypto. to v. v. fl. sub-
to phantom oolitic lps. dul. yel. fluor.
No cut; hyp. trs. micro-oolitic; interbed. por.
Lms. H. gray to Tan; crypto. to v. v. fl. x. l. v.
sub-chalk. sub-succo. packstn; dul. H.
por. v. w. phos. interbeds sh. med. gray
calc. lps.

Lms. wh. to cream-chalk to tan; grayish Tan
crypto. to v. v. fl. x. l. v. sub-chalk; sub-succo
to succo. + trs. packstn; trs. oolitic to
trs. phantom oolitic; sl. trs. micro-
oolitic; dul. H. yel. fluor. No cut.
2bn. pr. to tan. micro-oolitic por. v. trs. good
micro-oolitic to oolitic; good. w. sh. trs. sl. H. yel.
fluor. lps. to v. v. fl. x. l. v. sub-chalk. sub-succo.
calc. lps. sl. micro-oolitic; no cut; oolitic
Lms. similar 3844-3860

Sh. v. dul. gray to 6 lb. - cream.

Lms. similar 3844-3860

Sh. H. grayish lps. to sl. fl. to H. gray; v. v. fl. x. l. v. pr. 3100

sl. to v. v. fl. x. l. v. micro-oolitic; calc. lps. No cut; 2bn. pr. 3100

Lms. H. gray to Tan; crypto. to v. v. fl. x. l. v. sub-
succo + packstn; dul. yel. fluor.; No cut; 2bn. pr.
Lms. v. 2bn. wh. to cream-chalk to cream to
H. Tan; sub-chalk; sub-succo to succo. to succo. +
trs. packstn; 2bn. phantom oolitic; dul. H. yel.
fluor. No cut; 2bn. pr. to fl. yel. fluor. +
micro-oolitic to interbed. por.

Lms. similar 3903-3910

Lms. H. Tan; crypto. to v. v. fl. x. l. v. sub-succo
+ trs. phantom oolitic; calc. lps. dul. H. yel. fluor.
H. yel. fluor. No cut; 2bn. pr. to fl. yel. fluor.
Lms. 2bn. wh. to cream-chalk to cream; H. Tan; totan;
crypto. to v. v. fl. x. l. v. trs. med. to coarse;
wh. calc. v. lps. + fragm.; sub-chalk; 2bn. pr. to
to succo + trs. packstn; phantom oolitic lps.
to trs. oolitic; dul. H. yel. fluor. No cut; 2bn. pr. to
No cut; 2bn. pr. to fl. yel. fluor. +
+ pose v. v. gray. por.

Sh. H. to med. gray. sl. to very calc. lps.

Interebedded Limestones

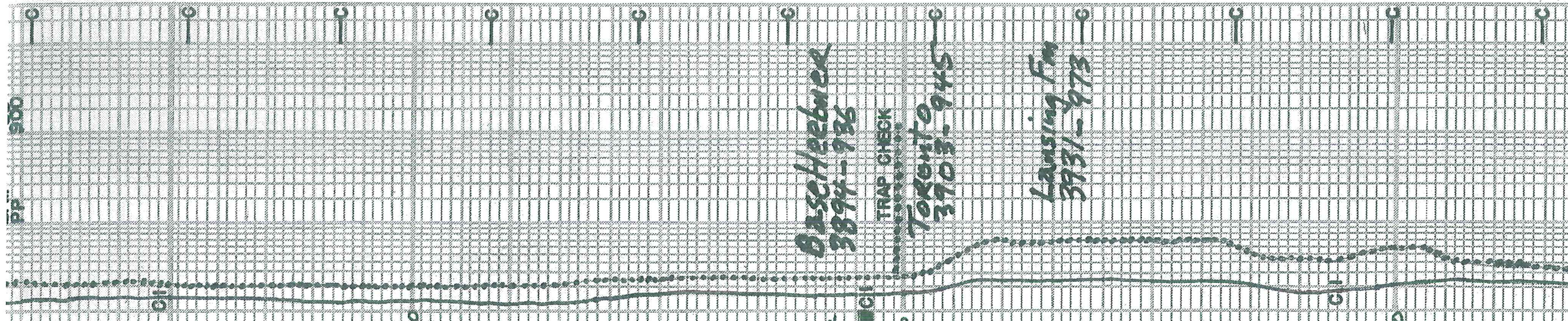
① Faster. Dalg. Lms. trs. to hyp. trs. cream-chalk
+ Tan. sl. grayish lps; crypto. to v. v. fl. x. l. v. sub-
succo. to succo. phantom oolitic lps to trs. oolitic;
sub-chalk; 2bn. pr. to tan. micro-oolitic; dul. yel. fluor.
oolitic lps to oolitic lps; v. v. fl. x. l. v. trs.
oolitic; dul. yel. fluor.; No cut; 2bn. pr. to fl. yel. fluor.
2bn. pr. to tan. micro-oolitic por.

② Slower Dalg Lms. tan; grayish lps; crypto. to
v. v. fl. x. l. v. trs. sub-chalk; sub-succo +
packstn; trs. phantom oolitic to trs.
oolitic; dul. yel. fluor.; No cut
No vis por.

Lms. similar to description #2
3969-4012

Lms. extra. abn. wh. to cream-chalk to cream
H. Tan; crypto. to v. v. fl. x. l. v. sub-succo.
sub-succo. + trs. succo. + trs. H. yel. fluor.
No cut; widely scattered trs. v. poor
micro-oolitic por.

Lms. cream-chalk to tan; crypto. to v. v. fl. x. l. v.



Basch Heebuck
3894-926

TRAP CHECK

Toronto
3703-945

Lansing Fm
3731-973

3800

4000

Lms. extra abn. wht to cam - chlk + tan to
H. tan, crypto. to wh. tan. v. 2.6m. subchlk
sub-succo. + trs. succo. i. H. yel. to
No cut; widely scattered trs. v. poor
micro - pp por.

Lms. grayish. tan to tan, crypto. to v. f. ash
chlk, sub-chlk, sub-succo. + patchy
phantom oolitic lps, dul. H. yel. to d. yel
fluor. j. No cut; No lvs. Por

Lms. v. to ext. abn. wht. to cam - chlk + tan
to tan, grayish. lps; crypto. to v. f. xln; subchlk
sub-chlk, sub-succo. + patchy tan. H. yel. to
to trs. H. yel. - fluor. j. No cut; No lvs. Por
micro - pp. por. lps

Lms. trs. to hyp. trs. cream. chlk + tan. to
tan, grayish. lps; crypto. to v. f. xln; subchlk
sub-succo. + 2.6m. patchy; dul. yel. H. yel. to
trs. H. yel. - fluor. j. No cut; No lvs. Por
w/ sli. faster. Dely having poor micro - pp
porosity. lps

Lms. similar to 4076-4107 w/ hyp. trs
Sh. med. to y. dk. gray. to black - carb. looking
v. dk. gray to black - carb. looking

Lms. H. tan, mottled lps; dk. tan to lps
oil stain; crypto. to v. f. xln. w/ trs. med.
to coarse wht. calc. x's + fragm. trs.
sub-chlk, sub-succo. to succo. + patchy
glint oil calc. trs. dk. tan. s. l. sh.
y. dk. yel. - fluor. j. No cut; No lvs. Por
lps; hyp. trs. angular, pps. micro - pp + por.

Lms. H. gray, grayish. tan to tan, crypto. to v. f. xln;
sub-chlk, sub-succo. + patchy; dul. H. to H. yel. - fluor.
to H. yel. - fluor. j. No cut; No lvs. Por

Lms. H. grayish. tan to tan, crypto. to v. f. xln;
to v. f. xln. sub-chlk, sub-succo. + 2.6m.
+ patchy. No cut; No lvs. Por

4172-4181 Lms. trs. wht. to cream. chlk + tan
grayish. tan to tan, crypto. to v. f. xln;
sub-chlk, sub-succo. + patchy; dul. H. to H. yel. - fluor.
No cut; No lvs. Por

4191 Lms. trs. wht. to cream. chlk + tan
to tan w/ sli. trs. sptd. dk. tan oil stains.
crypto. to v. f. xln; sli. to v. calc. + tan. s. l. sh.
v. oolitic. m. to xln; sli. to v. calc. + tan. s. l. sh.
trs. succo. + patchy. No cut; No lvs. Por

Lms. H. gray to tan, crypto. to v. f. xln; Quatern
sub-chlk, sub-succo. + patchy; dul. H. to H. yel. - fluor.
v. dk. yel. - fluor. j. No cut; No lvs. Por

Sh. v. dk. gray to black - carb
Lms. similar to 4191 - 4210

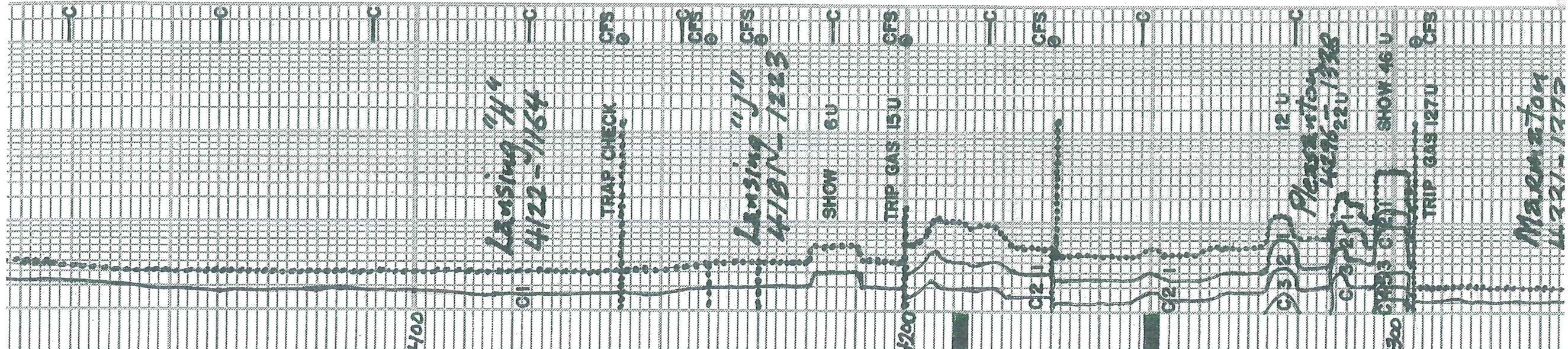
Lms. trs. to hyp. trs. wht. to cream - chlk + tan
gray. to grayish. tan, crypto. to v. f. xln; v. l. m.
sub-chlk, sub-succo. + patchy; dul. H. to H. yel. - fluor.
oolitic lps + 2.6m. oolitic, dul. H. to H. yel. - fluor.
H. yel. - fluor. j. No cut; No lvs. Por

Sh. v. dk. gray to black - carb
Lms. similar to 4218 - 4249

Lms. trs. cream to H. gray - chlk + tan
tanish lps to grayish. tan to tan, crypto. to v. f. xln;
to v. f. xln; sub-chlk, sub-succo. + 2.6m. patchy
phantom oolitic lps to trs.
oolitic, dul. H. to H. yel. - fluor. j. No cut; No lvs. Por

Lms. tan w/ a few trs.
4296-4308 Lms. tan w/ a few trs.
sptd. dk. tan. v. f. xln; w/
imbedded med. to coarse x's - 2.6m.
No cut; No lvs. Por

Lms. H. gray, grayish. tan to tan, crypto. to v. f. xln;
sh. med. to y. dk. gray. to black - carb. looking
v. dk. gray to black - carb. looking



1100

1200

1300

Lansing 11/14
4122-1164

Lansing 11/10
4181-1223

SHOW 6U

TRIP GAS 15U

Pleasanton
4296-1338

SHOW 46U

TRIP GAS 127U

Marathon
1721-1773

1/4" to 1/2" wh. 5 sub. filled to 20' ...
Lms. grayish tan to tan, crypton. to ...
Sub-shk, sub-succo. to succo. ...
abn. phantoms, oil, ...
dark tan, ben. to blk oil ...
dun. glen to glen, yel. fluv. ...
to 2 bn good stem. cuts; ...
to 5 l. res. fa. it. micao-pp. ...
prob. interstr. por. 1/83. Quat. ...

Lms. similar 4331-4340

Sh very dark gray to black - 4216
4408-17 Sh. H. to med. gray ...
4417-20 Lms. similar to 4424-24
4420-24 Lms. tan to brown ...
4424-24 Lms. tan to brown ...
4427-53 Inte. bedded limestone
4453-56 Sh. dark gray to black - 226

4456-4575 Inte. bedded Shs & Lms.
Lms. H. gray to tan, crypton. ...
4546-4586 Lms. H. gray to tan ...
4546-4586 Lms. H. gray to tan ...
4546-4586 Lms. H. gray to tan ...
4546-4586 Lms. H. gray to tan ...

4590-4611 Dol. tan, grayish ...
4611-4627 Dol. calc. ...
4627-4650 Lms. ...
4650-4652 Calc. Dol. to Dol. Lms. ...
4652-4658 Dol. grayish to tan ...
4658-4662 Dol. calc. ...

4331-1373

TRAP CHECK

Prunice
4405-1447

TRAP CHECK

Pt. Scott
4435-1477

Cherokee
4456-1498

Johnson Zn
4415-1557

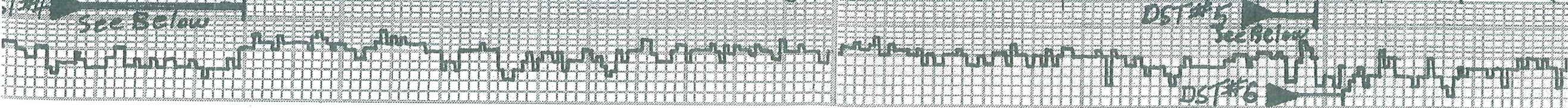
Mississippi
4546-1588

500904
4592-1634

TRAP CHECK

TRAP CHECK

WOB 42000-45000
RMM 75
SPM 58
PP 952



v. widely scattered v. pr. microppm
 467-4650 Lms. Pos. Lab. IP's. H-gr. tanish
 IP's; clay to v. sil. fine. 1/8" to 1/4" ch.
 sub-sucro. + Phosph. Phosph.
 colitic. IP's. dull. H. col. Fluor. IP's
 No Cut; No Vis. P.R.

4650-4725 Dolo. calc IP's; H-gr.,
 tanish IP's; clay to v. v. v. fine v. ch.
 chlk; sub-chlk; sub-sucro. to sugro
 + packeting; Phantoms; colitic IP's
 dul. H. yel. Fluor. IP's; No Cut
 No Vis. P.R.



TRAP CHECK

4700

TD 4725

779 inch Bit Info:

#1 New Smith F271Y
 In 450 Out 4725 TD

Six Points:

1. 4142	7. 4350	13. 4576
2. 4160	8. 4380	14. 4591
3. 4170	9. 4430	15. 4598
4. 4200	10. 4455	16. 4604
5. 4230	11. 4520	17. 4614
6. 4304	12. 4540	18. 4725TD

Daily Delg. Progress:

1. 3700	at 3:15AM	4-30-12
2. 3770	at 7:00AM	4-30-12
3. 4142	at 7:00AM	5-1-12
4. 4142	at 7:00AM	5-2-12
5. 4200	at 7:00AM	5-3-12
6. 4304	at 7:00AM	5-4-12
7. 4365	at 7:00AM	5-5-12
8. 4380	at 7:00AM	5-6-12
9. 4540	at 7:00AM	5-7-12
10. 4598	at 7:00AM	5-8-12
11. 4613	at 7:00AM	5-9-12
12. 4725	at 7:00AM	5-10-12

DST#1 Lansing "H" 4124-4142
 20 7/4 in blow built to 2 inches
 FO sweep blow built to 7 inches
 Rec 279 ft fluid
 186' MW 50 wt% 50% mud
 93' MW 60 wt% 40% mud
 R.w. 24 @ 62°F Tester Cal 3400ppm
 Mud Eng. Titrated 28000 ppm
 APT Cal 1000ppm BHT 1240F
 IAP 2066 # in 15 min
 IFP 17-45 # in 30 min
 KIP 834 # in 60 min
 FFP 47-139 # in 120 min
 FSSP 841 #
 FIP 197

DST#2 Lansing "J" 4182-4200
 IF BOB 16mm FF Bob in 22 min
 Rec 868' fluid BHT 1340F
 217' MCW 90 wt% 10% mud
 651' WTR 100% WTR
 R.w. 20 @ 71°F Tester 35000ppm
 Mud Eng. Titrated 24000ppm Ch
 P.T. Cal 1500

IMP 2143 #	
IFP 33-208 #	in 30 min
KIP 773 #	in 60 min
FFP 218-386 #	in 60 min
FSP 780 #	in 120 min
FAP 2004 #	

4725-4700

Mud Log		5-1	5-2	5-3	5-4	5-5	5-6
Date	8:30A	8:30A	11:30A	11:30A	11:52A	11:52A	11:52A
Depth	38	44	48	54	60	66	72
WT	9.3	9.3	9.3	9.3	9.3	9.3	9.3
Vic	42	50	48	56	62	58	55
PV	16	18	16	18	18	16	16
YP	20	26	24	26	26	26	28
GS	17/20	14/28	14/26	14/28	14/28	14/26	14/28
WL	8.8	8.8	8.8	8.8	8.8	8.8	8.8
cake	1/32	1/32	1/32	1/32	1/32	1/32	1/32
pH	11.5	11.0	10.0	9.0	9.0	10.5	10.0
Chl	2000	2500	1000	1500	2000	1500	1500
CA	100	100	60	60	60	60	60
LCM	2	3	6	3.5	4	6	4.5

Mud Log		5-7	5-8	5-9
Date	12:00A	12:00A	12:00A	12:00A
Depth	4556	4598	4626	
WT	9.1	9.1	9.1	
Vis	51	63	74	
PV	16	18	20	
YP	28	32	32	
GS	14/16	16/28	16/26	
WL	8.0	8.0	8.0	
cake	1/32	1/32	1/32	
pH	9.5	9.5	9.5	
Chl	1000	1500	1500	
CA	40	40	40	
LCM	4	4	3	

OPERATOR BEREXCO LLC LOCATION 1922FNL 0 1542FEL
LEASE HUSLIG NO. 2-20 SEC. 20 TWP. 18S R. 31W
ELEVATION 2958KB RTD 4725 COUNTY SCOTT STATE KANSAS

ALLIED CEMENTING CO., LLC. 034479

Federal Tax I.D.# 20-5975804

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

SERVICE POINT: Oakley, KS

DATE <u>5-10-12</u>	SEC. <u>28</u>	TWP. <u>18</u>	RANGE <u>31</u>	CALLED OUT <u>5-11-12</u>	ON LOCATION <u>12:30pm</u>	JOB START <u>2:30am 5:30am</u>	JOB FINISH <u>11:20pm</u>
LEASE <u>Hustig</u>	WELL# <u>2-28</u>	LOCATION <u>Scott City 9E, 1425, 12W</u>		COUNTY <u>Scott</u>	STATE <u>KS</u>		
OLD OR <u>NEW</u> (Circle one)				Info			

CONTRACTOR <u>Beredos #2</u>	OWNER <u>same</u>
TYPE OF JOB <u>Production 2 stage</u>	
HOLE SIZE <u>7 7/8</u>	T.D. <u>4725'</u>
CASING SIZE <u>5 1/2</u>	DEPTH <u>800'</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL <u>O.V.</u>	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT <u>42'</u>
CEMENT LEFT IN CSG. <u>42'</u>	
PERFS.	
DISPLACEMENT	

CEMENT		
AMOUNT ORDERED <u>140sk ALW, 175sk ASC, 28gal, 6# gilsonite, 490sk Lito 1/4# flo-sal - 50sk Com</u>		
COMMON	<u>50sk @</u>	<u>16.25 812.50</u>
POZMIX		
GEL	<u>3sk @</u>	<u>21.25 63.75</u>
CHLORIDE		
ASC	<u>175sk @</u>	<u>18.00 3150.00</u>
ALW Typsett	<u>140sk @</u>	<u>14.50 2030.00</u>
ALW Typsett	<u>490sk @</u>	<u>14.50 7105.00</u>
Flo-sal	<u>80# @</u>	<u>2.25 180.00</u>
gilsonite	<u>1050# @</u>	<u>.89 934.50</u>
Salt	<u>17sk @</u>	<u>23.95 407.15</u>
HANDLING	<u>934.58 FF @</u>	<u>2.10 1961.57</u>
MILEAGE	<u>37.27 mi @</u>	<u>2.35 875.00</u>
		TOTAL <u>20655.47</u>

EQUIPMENT

PUMP TRUCK # <u>422</u>	CEMENTER <u>Larone</u>
BULK TRUCK # <u>393/308</u>	HELPER - <u>Wayne M</u>
BULK TRUCK # <u>394/287</u>	DRIVER - <u>Billy</u>
<u>347</u>	DRIVER - <u>Adam</u>

REMARKS:

Bottom stage, mix 140sk Lito, 175sk ASC
Displace with water & mud. Land plug
at 2100'. float held. open DUT tool at
1100'. Circulate 2 hrs. mix plug
mouse hole 20sk rathole 30sk
mix 390sk Lito 50sk Com.
Displace with water. Land plug at 2000'
float held.
299201q
gimmo ho:
gimmo 9ft

Thank you

CHARGE TO: Berexco Inc

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB		
PUMP TRUCK CHARGE		<u>2405.00</u>
EXTRA FOOTAGE	@	
MILEAGE <u>50</u>	@	<u>2.00 350.00</u>
MANIFOLD <u>head</u>	@	<u>200.00</u>
<u>L.U. mileage 50</u>	@	<u>4.00 200.00</u>
		TOTAL <u>3155.00</u>

PLUG & FLOAT EQUIPMENT

<u>O.V. Tool</u>	@	<u>2892.00</u>
<u>AFU Float Shoe</u>	@	<u>232.00</u>
<u>(2) Centralizers</u>	@	<u>37.00 74.00</u>
<u>(2) Baskets</u>	@	<u>178.00 356.00</u>
		TOTAL <u>3064.00</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 _____

SIGNATURE [Signature]

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS