



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1200629
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: _____

1200629

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> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	BEREXCO LLC
Well Name	Lillie 2-26
Doc ID	1200629

Tops

Name	Top	Datum
Anhydrite (Stone Corral)	3177	+108
Anhydrite (base)	3211	+74
Foraker	3775	-490
Topeka	3989	-704
Oread	4103	-818
Lansing/KS City A	4208	-923
LKC B	4265	-980
LKC C	4323	-1038
LKC D	4368	-1083
LKC E	4410	-1125
LKC F	4450	-1165
RTD	4560	-1296
LTD	4563	-1299

**BEREXCO, LLC.
LILLIE #2-26
NWNW SECTION 26 1S-36W
RAWLINS COUNTY, KANSAS**

**GEOLOGIST:
WILLIAM B. BYNOG**

RESUME

OPERATOR: BEREXCO, LLC.

WELL NAME & NUMBER: LILLIE #2-26

LOCATION: NWNW 26 1S-36W

COUNTY: RAWLINS

STATE: KANSAS

SPUD DATE: 2-23-2014 COMPLETION: 3-6-2014

ELEVATIONS: GL: 3274' KB: 3285'

CONTRACTOR: BEREDCO RIG 10

LOGS: LOG TECH TYPES: RAG, MICROLOG

WELLSITE ENGINEER: NONE

MUD COMPANY: MORGAN MUD

MUD TYPE & ENGINEER: FRESH CHEMICAL

GEOLOGIST: WILLIAM B.BYNOG

HOLE SIZE: 7 7/8

DRILL STEM TEST COMPANY: TRILOBITE

GEOLOGIST: WILLIAM B.BYNOG

HOLE SIZE: 7 7/8

MUD LOGGING BY:

DRILL STEM TEST COMPANY: TRILOBITE

DRILL STEM TEST: DST#1 4068-4115', DST#2 4220-4300', DST#3 4282-4350', DST#4 4338-4435'

WELL STATUS: RAN 5 ½ PRODUCTION CASING

DISCUSSION

Lillie #2-26 1S-36W is a wildcat drilled to a total depth of 4560 feet testing the Lansing Kansas City formation in Rawlins County, Kansas.

Structurally, Lillie #2-26 came in one foot high to Lillie #1-26 on the Lansing top and five feet high on the Kansas City E zone.

The first quality sample show was in the Foraker at 3774-82 feet. This zone was not tested but had very good sample shows with fair porosity. Logs also recorded 15% porosity and 82 ohms resistivity, suggesting a productive zone. There were also good shows with fair porosity development up hole in the Oread at 4102 feet. This zone was tested recovering 65 feet of free oil and 240 feet of oil cut mud. Pressures indicated depletion from surrounding production. Drilling continued to the Lansing A and B zones encountering good sample shows with fair porosity development in the B zone. Drill stem test #2 on the A and B zones recovered 30 feet of clean oil, 302 feet of oil cut mud, 232 feet of oil & water cut mud and 261 feet of water. The C zone had very good shows and was tested on drill stem test #3 recovering 20 feet of oil cut mud. The E zone had good sample shows but poor porosity development and was tested on drill stem test #4 recovering only 10 feet of mud with oil spots.

A decision was made to set 5 ½ casing because of the favorable drill stem tests and log calculations in the Lansing Kansas City and Waubaunsee formations.

LILLIE #2-26 SAMPLE DESCRIPTIONS
BEREDCO DRILLING RIG 10, DRILLING 7 7/8

LILLIE to 26 SAMPLE DESCRIPTIONS

3500-3600 SHALE red,very soft,very argillaceous

3600-65 SHALE red,firm,very silty, some sandy in part

NEVA

3665-80 LIMESTONE white,firm,very chalky,sandy in part.poor porosity,no shows

3680-3730 SHALE red,soft,very argillaceous

3730-55 LIMESTONE buff,hard,very sandy in part, dense,some Chert orange

3755-78 SHALE as above

FORAKER

3778-86 LIMESTONE white,soft,oolitic,chalky,sandy in part,poor to fair intg porosity,spotty live brown stain,good milky cut,good show free oil

LILLIE #2-26 SAMPLE DESCRIPTIONS

3786-96 LIMESTONE pale gray,hard,sandy in part, dense,poor porosity,trace black dead stain

3796-3810 LIMESTONE gray,hard,dense,slightly sandy,poor porosity,no shows

3810-30 LIMESTONE buff,pale gray,firm,very sandy,very fine grained,poor porosity,no shows

3830-60 SHALE red,very soft,very argillaceous

3860-70 LIMESTONE buff,very hard,dense, sandy in part,poor porosity,no shows

3870-3900 SHALE red,soft,argillaceous,as above

3900-10 SHALE gray green,green,firm,fissile, waxy in part

3910-20 LIMESTONE buff,hard,dense,sandy in part,poor porosity,very spotty black dead stain

3920-40 SHALE red,soft,silty

3940-60 LIMESTONE white,buff,firm,very chalky in part,poor porosity,no shows

3960-96 SHALE red,soft,very argillaceous

TOPEKA

3996-30 LIMESTONE white,buff,hard, blocky,slightly fossils,slightly chalky,poor porosity,no

LILLIE #2-26 SAMPLE DESCRIPTIONS

shows

4030-46 SANDSTONE white,red, friable, very fine grained, poor porosity, no shows

4056-84 SHALE red, firm, fissile, silty with thin LIMESTONE buff, hh, dense, no shows

4084-96 LIMESTONE white, buff, hard, blocky, chalky, poor porosity, trace black dead stain

4096-4102 SHALE red, firm, silty as above

OREAD

4102-12 GRAINSTONE white, firm, very oolitic, chalky in part, fair intg porosity, spotty live brown stain, very good milky cut, good show free oil

4112-30 LIMESTONE buff, very hard, dense, chalky in part

4130-58 LIMESTONE pale gray, very hard, dense, blocky, no shows

4158-82 SHALE black, gray black, some green, slightly hard, very carbonaceous in part

4182-4208 SHALE red, soft, argillaceous

A

4208-20 LIMESTONE buff, hard, dense, smooth texture, possible fractures, poor porosity, rare black dead stain

LILLIE #2-26 SAMPLE DESCRIPTIONS

4220-30 LIMESTONE buff,pale gray,very hard,dense,no shows

4230-40 SANDSTONE white,pale gray,slightly hard,very fine grained,clay filled,poor porosity,no shows

4240-68 SHALE red,soft to firm,argillaceous

B

4268-76 LIMESTONE white,buff,very hard,dense,trace poor porosity,rare brown stain,poor cut

4276-80 GRAINSTONE white, firm,very oolitic,fair intg to vuggy porosity, spotty to even live brown stain,good cut,fair show free oil

4270-92 LIMESTONE buff,pale gray,very hard,dense,no shows

4292-4328 SHALE red,firm,argillaceous,fissile

C

4328-34 LIMESTONE white,buff,slightly hard,oolitic,chalky in part,poor to fair crystalline and vuggy porosity,spotty live brown stain,good cut,poor show free oil

4334-42 LIMESTONE buff,pale gray,hard, blocky,dense,no shows

4342-68 SHALE red,green,gray green,firm, waxy in part

LILLIE #2-26 SAMPLE DESCRIPTIONS

D

4368-90 LIMESTONE white,pale gray,firm, very chalky,poor porosity,no shows

4390-4410 SHALE red,firm,argillaceous

E

4410-22 LIMESTONE white,slightly hard,sub chalky,poor micxln porosity,spotty live brown stain,good cut,poor show free oil

4422-30 LIMESTONE buff,pale gray,very hard,dense,crpxln,no shows

4430-50 SHALE red,firm,very silty in part

F

4450-70 LIMESTONE buff,pale gray,very hard,dense,blocky,no shows,with very thin SHALE as above

4470-80 SHALE as above

4480-4520 LIMESTONE as above with thin interbed SHALE as above

4520-60 SHALE red,green,firm,silty with thin LIMESTONE as above no shows

RTD 4560'

LILLIE #2-26 SAMPLE DESCRIPTIONS
LTD 4563'



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Berexco LLC.
 2020 N. Bramblewood
 Wichita KS 67206
 ATTN: Bryan Bynog

26-1S-36W
Lillie #2-26
 Job Ticket: 56906 **DST#: 1**
 Test Start: 2014.02.28 @ 21:36:00

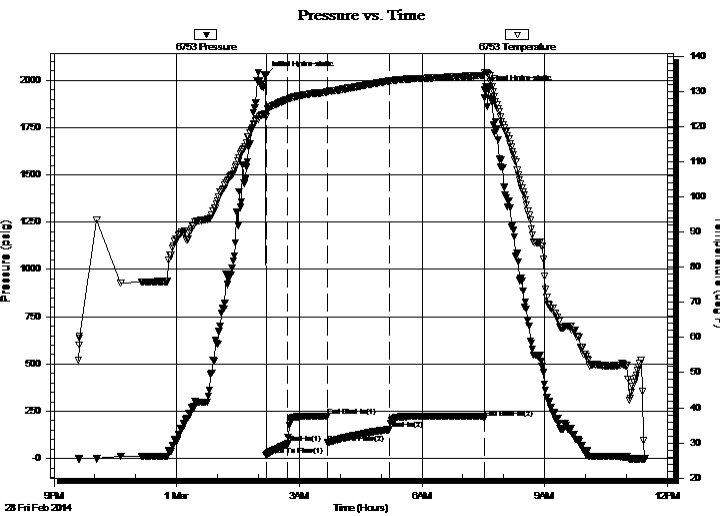
GENERAL INFORMATION:

Formation: **Oread**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 02:11:00
 Time Test Ended: 11:27:45
 Interval: **4068.00 ft (KB) To 4115.00 ft (KB) (TVD)**
 Total Depth: 4115.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Royal Fisher
 Unit No: #54
 Reference Elevations: 3285.00 ft (KB)
 3274.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: 6753

Press @ Run Depth: 153.23 psig @ ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.02.28 End Date: 2014.03.01 Last Calib.: 2014.03.01
 Start Time: 21:36:05 End Time: 11:27:45 Time On Btm: 2014.03.01 @ 02:10:45
 Time Off Btm: 2014.03.01 @ 07:31:30

TEST COMMENT: 30 - IF - Surface blow built to 2 1/2"
 60 - ISI - No Return
 90 - FF - Surface blow built to a weak surface
 120 - FSI - No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2025.59	123.76	Initial Hydro-static
1	17.64	122.77	Open To Flow (1)
33	78.34	127.73	Shut-In(1)
91	222.81	129.81	End Shut-In(1)
91	83.05	129.82	Open To Flow (2)
182	153.23	132.98	Shut-In(2)
321	214.84	134.62	End Shut-In(2)
321	1949.69	135.45	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
240.00	OCM - 70M - 30o	1.18
65.00	Free oil - 100o	0.32

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco LLC.

26-1S-36W

2020 N. Bramblewood
Wichita KS 67206

Lillie #2-26

Job Ticket: 56906

DST#: 1

ATTN: Bryan Bynog

Test Start: 2014.02.28 @ 21:36:00

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: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.40 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 800.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
240.00	OCM - 70M - 30o	1.180
65.00	Free oil - 100o	0.320

Total Length: 305.00 ft Total Volume: 1.500 bbl

Num Fluid Samples: 0

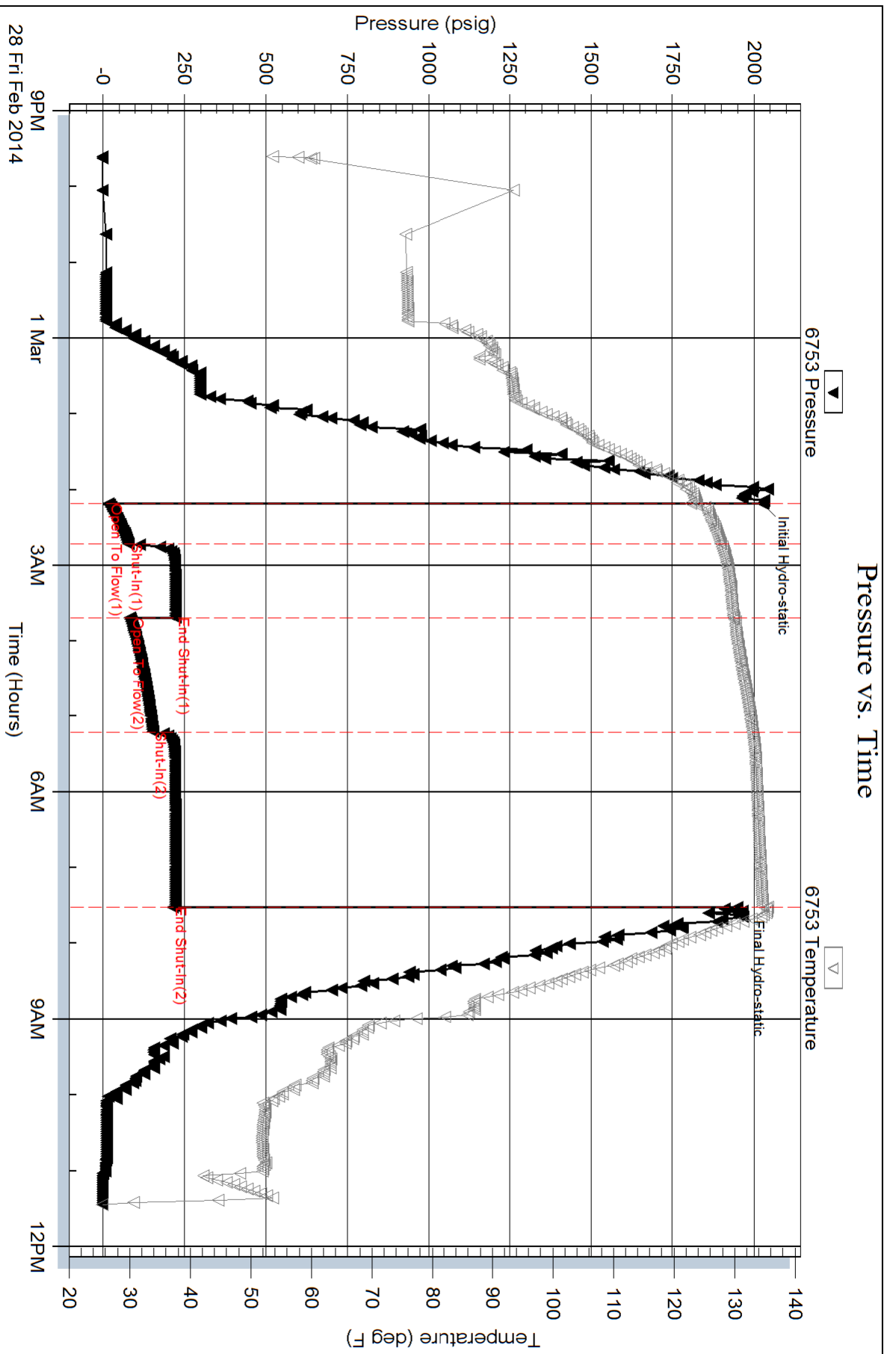
Num Gas Bombs: 0

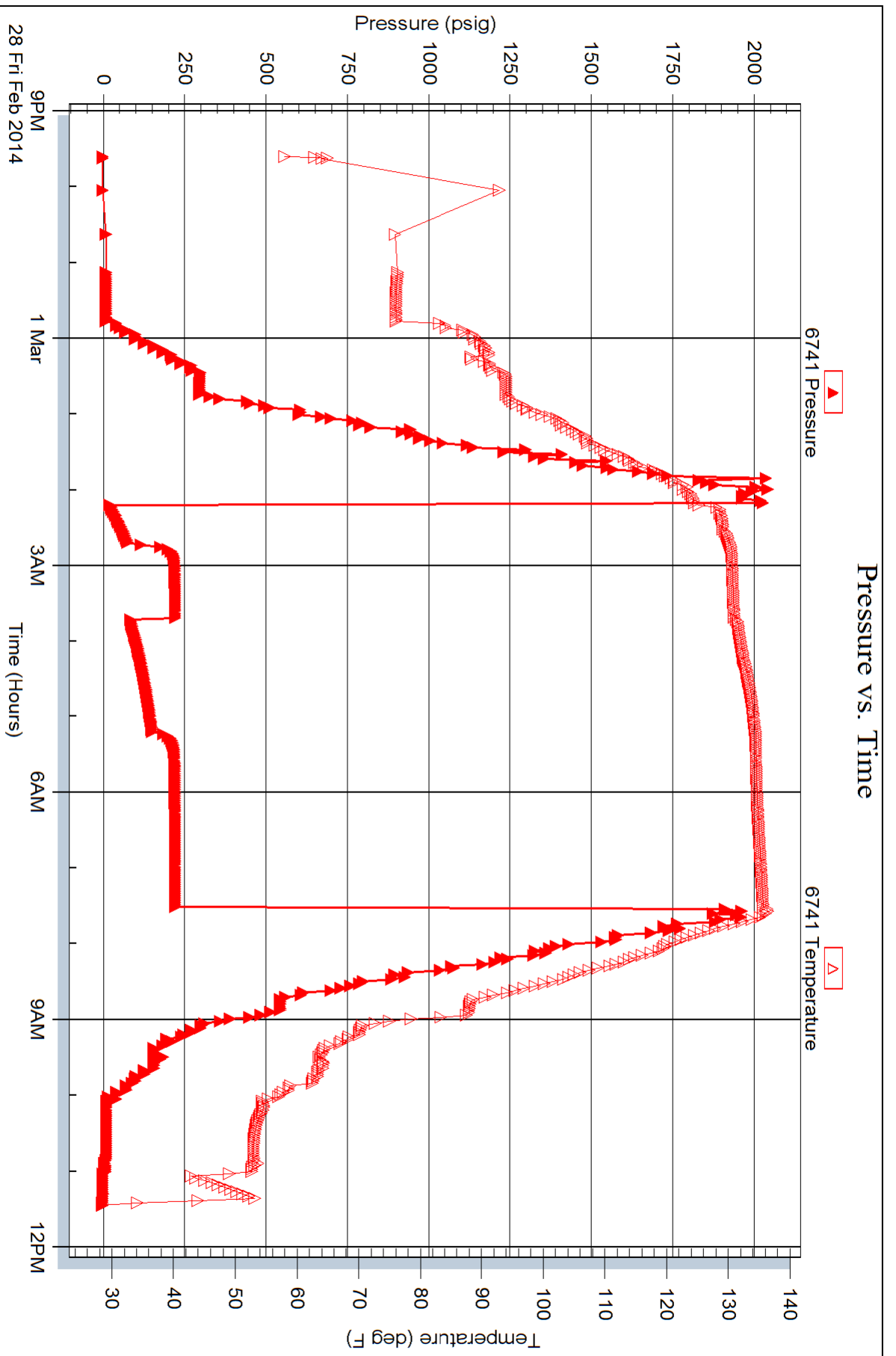
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Berexco LLC.
2020 N. Bramblewood
Wichita KS 67206
ATTN: Bryan Bynog

26-1S-36W
Lillie #2-26
Job Ticket: 56763 **DST#: 2**
Test Start: 2014.03.02 @ 10:06:00

GENERAL INFORMATION:

Formation: **LKC " A & B "**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 13:25:45
 Time Test Ended: 22:24:30
 Interval: **4220.00 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 (Reset)
 Tester: Robert Zodrow
 Unit No: #54
 Reference Elevations: 3285.00 ft (KB)
 3274.00 ft (CF)
 KB to GR/CF: 11.00 ft

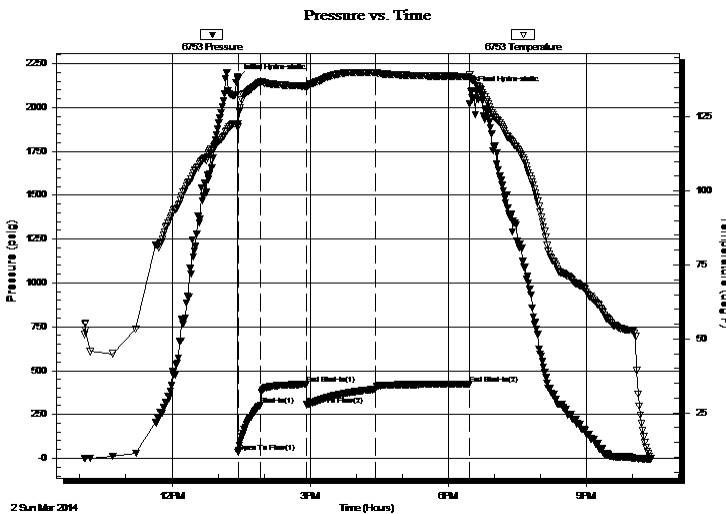
Serial #: 6753

Inside

Press @ Run Depth: 393.92 psig @ 4221.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.03.02 End Date: 2014.03.02 Last Calib.: 2014.03.02
 Start Time: 10:06:05 End Time: 22:24:30 Time On Btm: 2014.03.02 @ 13:25:30
 Time Off Btm: 2014.03.02 @ 18:29:45

TEST COMMENT: 30-IF- Bob in 6 mins
 60-ISI- No Return
 90-FF- Bob in 20 mins
 120-FSI- No Return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2166.44	122.73	Initial Hydro-static
1	34.32	121.51	Open To Flow (1)
30	303.20	136.95	Shut-In(1)
90	421.67	135.40	End Shut-In(1)
90	305.74	135.31	Open To Flow (2)
180	393.92	140.00	Shut-In(2)
302	422.75	138.71	End Shut-In(2)
305	2096.81	137.64	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
261.00	mw 30% m 70% w	1.28
232.00	ow m 5% o 25% w 70% m	1.14
302.00	ocm 15% o 85% m	2.72
30.00	clean oil 100% o	0.42

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.

26-1S-36W

2020 N. Bramblewood
Wichita KS 67206

Lillie #2-26

Job Ticket: 56763

DST#: 2

ATTN: Bryan Bynog

Test Start: 2014.03.02 @ 10:06:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

24 deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

28000 ppm

Viscosity: 44.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.00 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 900.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
261.00	mw 30%m 70%w	1.284
232.00	ow m 5%o 25%w 70%m	1.141
302.00	ocm 15%o 85%m	2.724
30.00	clean oil 100%o	0.421

Total Length: 825.00 ft Total Volume: 5.570 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

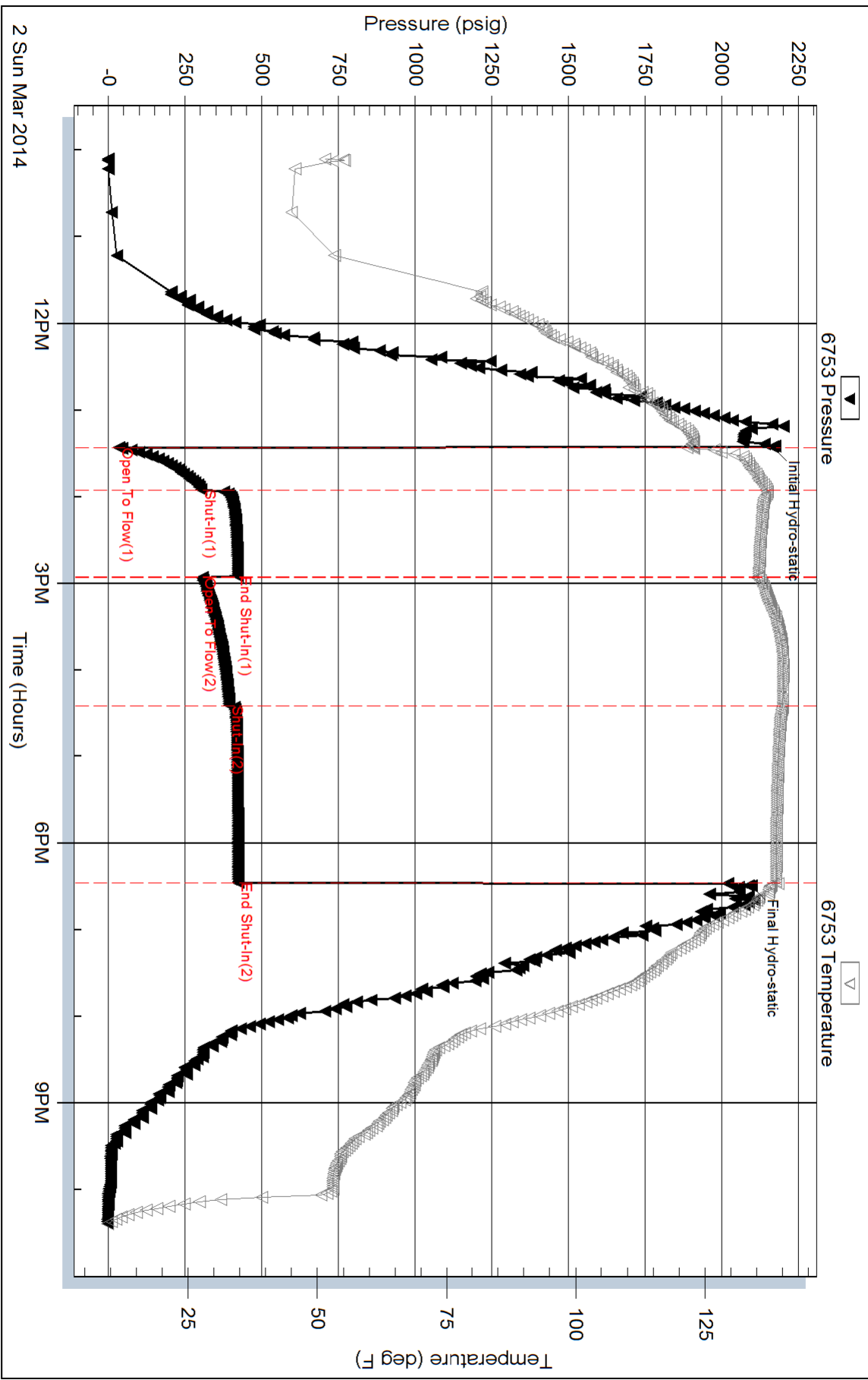
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW .4 @ 48 deg F = 28000 ppm

Pressure vs. Time





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Berexco LLC.
 2020 N. Bramblewood
 Wichita KS 67206
 ATTN: Bryan Bynog

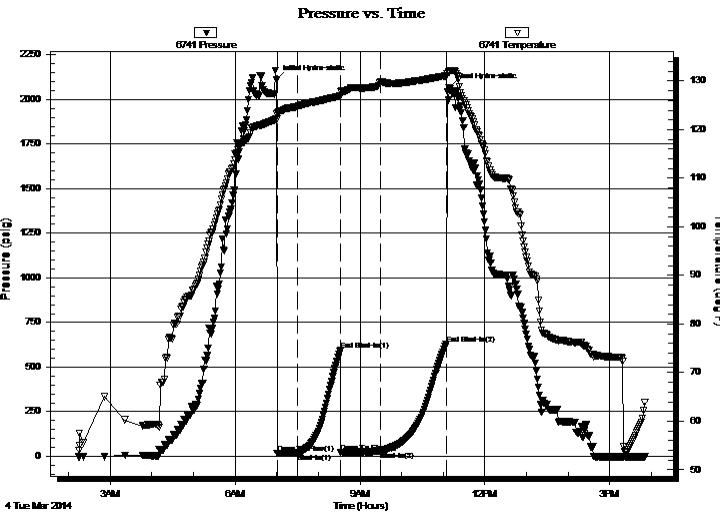
26-1S-36W
Lillie #2-26
 Job Ticket: 56764 **DST#: 3**
 Test Start: 2014.03.04 @ 02:14:00

GENERAL INFORMATION:

Formation: **LKC "C"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 07:00:15
 Time Test Ended: 15:52:00
 Interval: **4282.00 ft (KB) To 4350.00 ft (KB) (TVD)**
 Total Depth: 4350.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Robert Zodrow
 Unit No: #54
 Reference Elevations: 3285.00 ft (KB)
 3274.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: 6741 Inside
 Press @ Run Depth: 28.61 psig @ 4283.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.03.04 End Date: 2014.03.04 Last Calib.: 2014.03.04
 Start Time: 02:14:05 End Time: 15:52:00 Time On Btm: 2014.03.04 @ 07:00:00
 Time Off Btm: 2014.03.04 @ 11:08:30

TEST COMMENT: 30-IF- Blow Built To 1/2"
 60-ISI- No Return
 60-FF- No Blow
 90-FSI- No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2109.48	123.32	Initial Hydro-static
1	15.84	122.22	Open To Flow (1)
30	18.91	124.81	Shut-In(1)
92	593.08	126.88	End Shut-In(1)
92	23.34	126.97	Open To Flow (2)
150	28.61	129.87	Shut-In(2)
245	630.76	131.05	End Shut-In(2)
249	2066.24	131.85	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	ocm 14%o 86%m	0.10

* Recovery from multiple tests

Gas Rates

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



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DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco LLC.

26-1S-36W

2020 N. Bramblewood
Wichita KS 67206

Lillie #2-26

Job Ticket: 56764

DST#: 3

ATTN: Bryan Bynog

Test Start: 2014.03.04 @ 02:14:00

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: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1100.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	ocm 14%o 86%m	0.098

Total Length: 20.00 ft Total Volume: 0.098 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

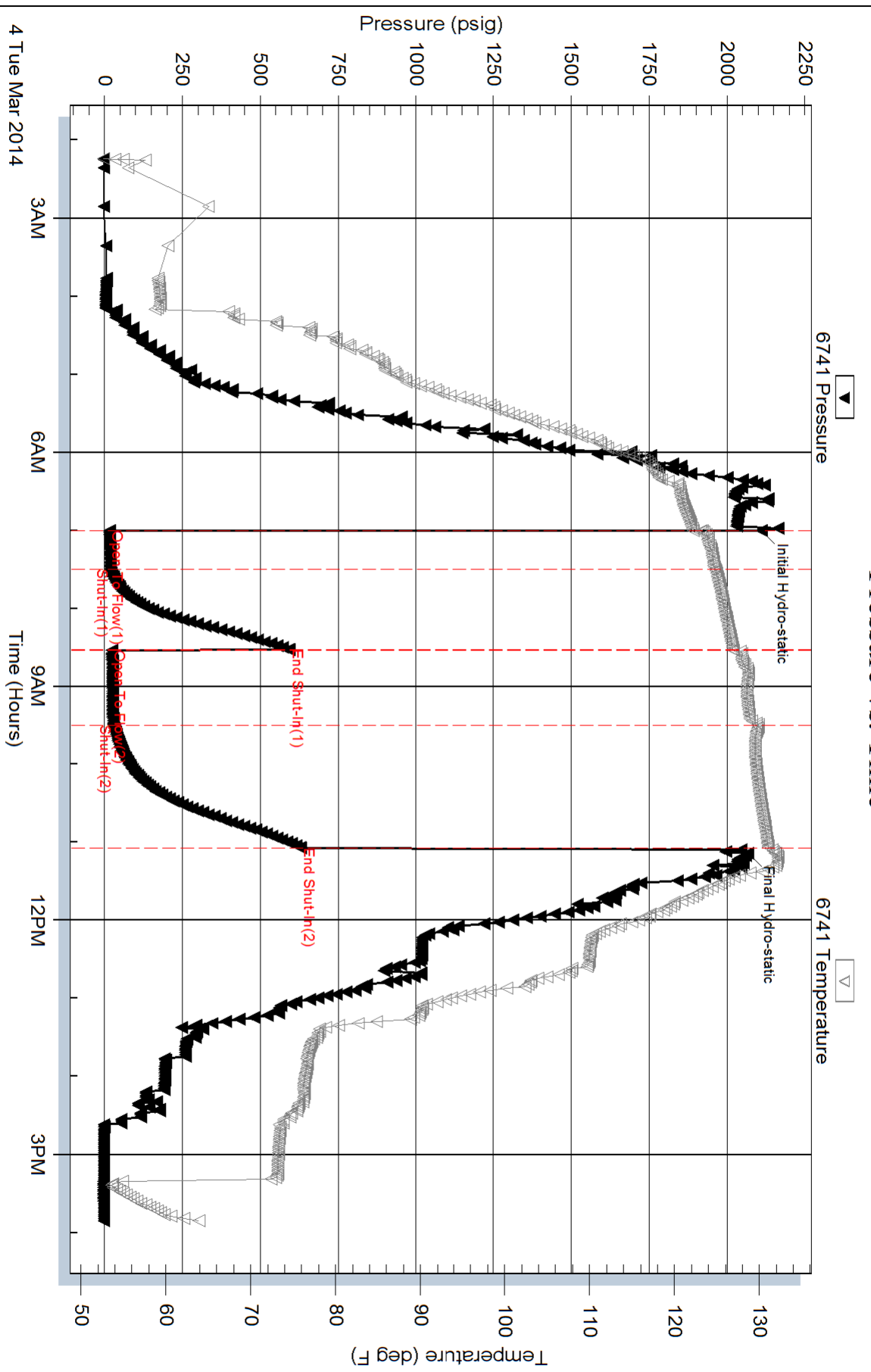
Serial #:

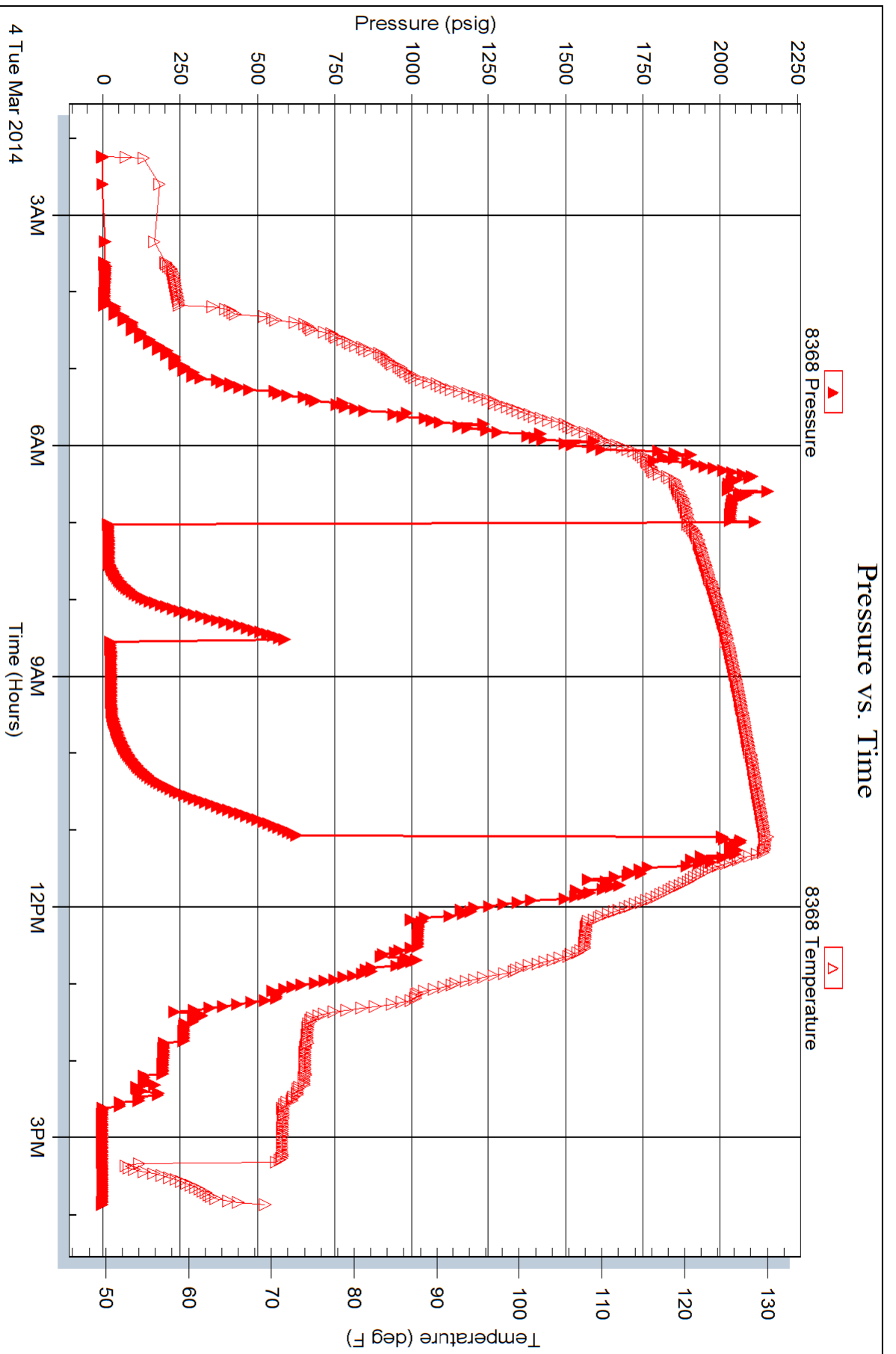
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time







TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Berexco LLC.
 2020 N. Bramblewood
 Wichita KS 67206
 ATTN: Bryan Bynog

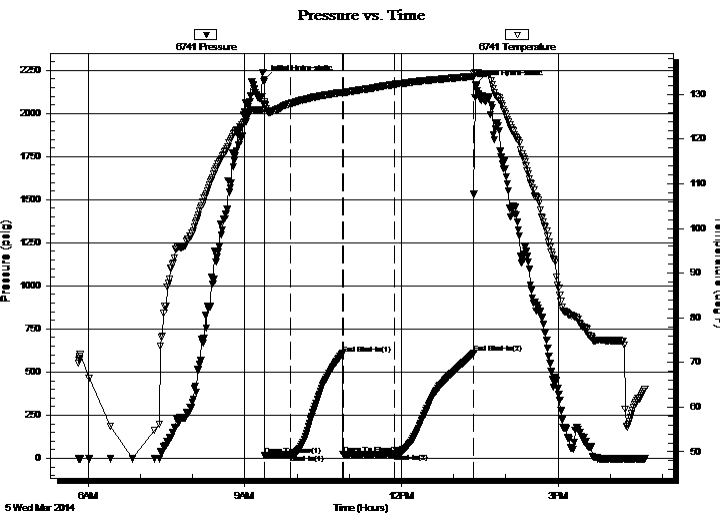
26-1S-36W
Lillie #2-26
 Job Ticket: 56765 **DST#: 4**
 Test Start: 2014.03.05 @ 05:49:00

GENERAL INFORMATION:

Formation: **LKC "D&E"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 09:22:45
 Time Test Ended: 16:40:30
 Interval: **4338.00 ft (KB) To 4435.00 ft (KB) (TVD)**
 Total Depth: 4115.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Robert Zodrow
 Unit No: #54
 Reference Elevations: 3285.00 ft (KB)
 3274.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: 6741 Inside
 Press @ Run Depth: 26.73 psig @ 4339.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.03.05 End Date: 2014.03.05 Last Calib.: 2014.03.05
 Start Time: 05:49:05 End Time: 16:40:30 Time On Btm: 2014.03.05 @ 09:22:30
 Time Off Btm: 2014.03.05 @ 13:25:30

TEST COMMENT: 30-IF-Blow Built to 3/4"
 60-ISI-No Return
 60-FF-No Blow
 90-FSI-No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2195.58	128.28	Initial Hydro-static
1	16.96	127.52	Open To Flow (1)
30	21.10	127.94	Shut-In(1)
90	605.47	130.48	End Shut-In(1)
91	21.83	130.21	Open To Flow (2)
150	26.73	132.25	Shut-In(2)
241	608.60	134.06	End Shut-In(2)
243	2165.01	134.79	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud w / Oil spots	0.05

* 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.

26-1S-36W

2020 N. Bramblewood
Wichita KS 67206

Lillie #2-26

Job Ticket: 56765

DST#: 4

ATTN: Bryan Bynog

Test Start: 2014.03.05 @ 05:49:00

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: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.00 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 900.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Mud w / Oil spots	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

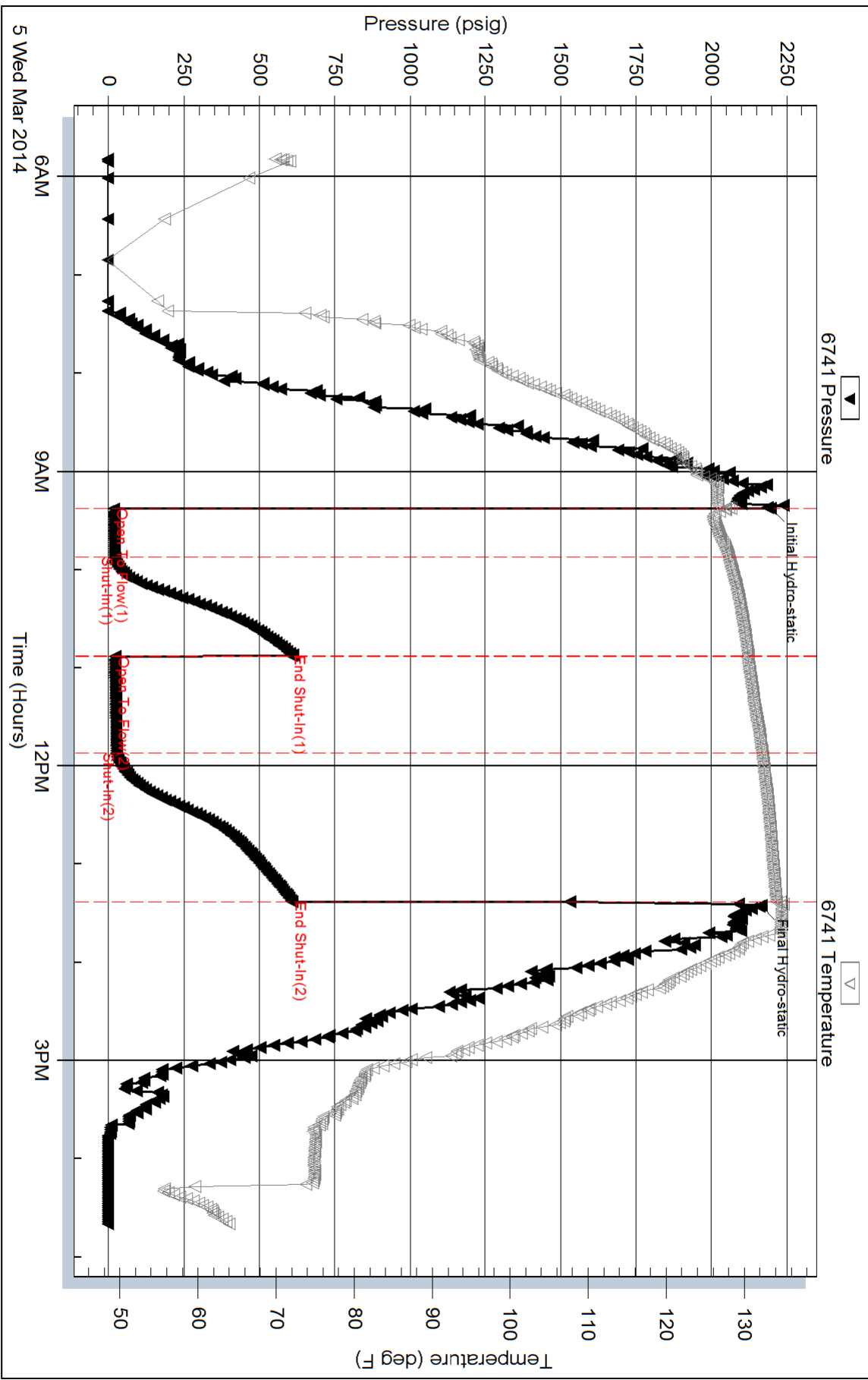
Serial #:

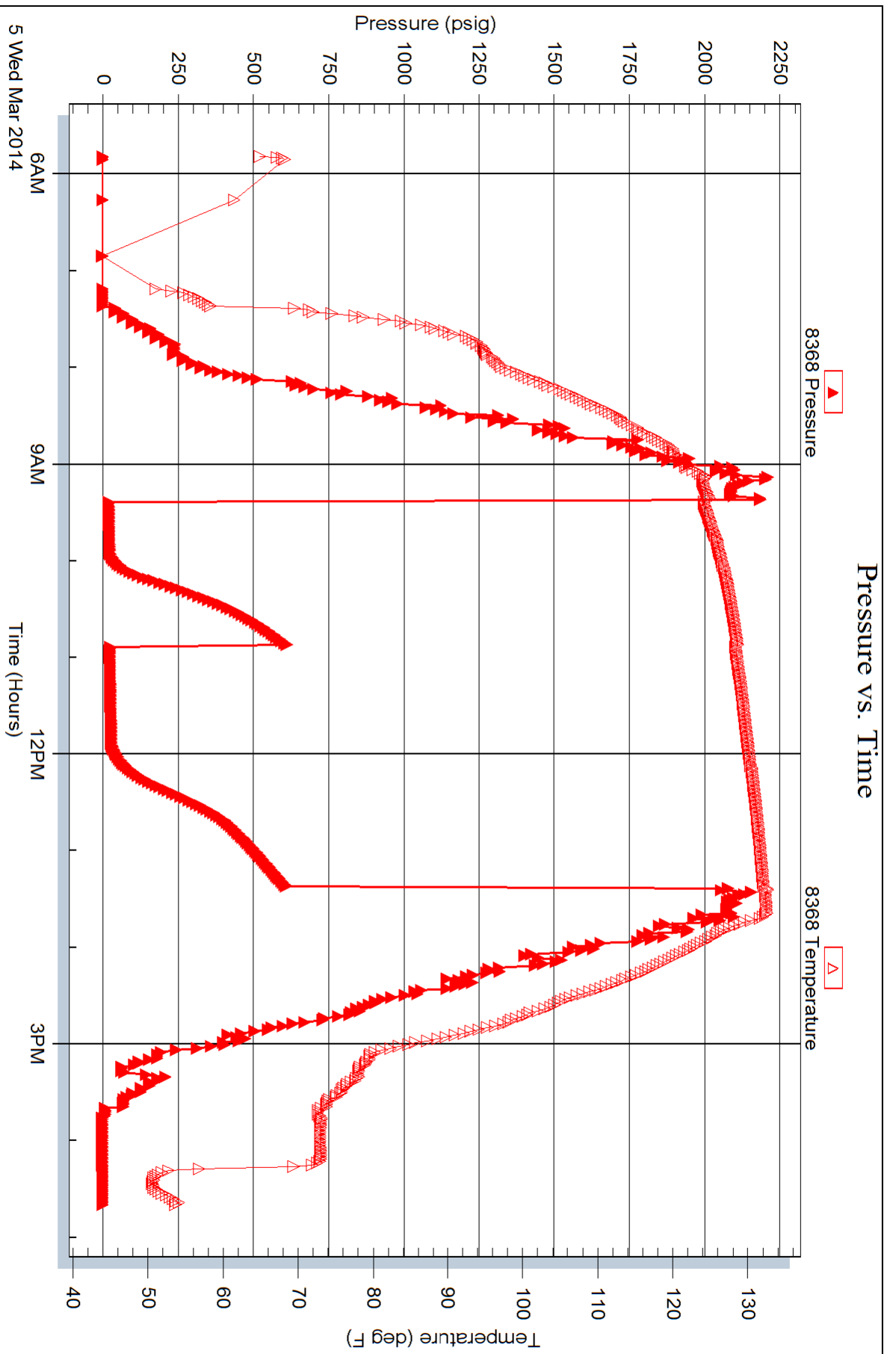
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





WELL FILE

ALLIED OIL & GAS SERVICES, LLC 062223

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT:

Oakley, KS
2-24-14 2-24-14

DATE <u>2-23-14</u>	SEC. <u>26</u>	TWP. <u>15</u>	RANGE <u>36 W</u>	CALLED OUT	ON LOCATION	JOB START <u>~1:00 PM</u>	JOB FINISH <u>4:30 AM</u>
LEASE <u>Little</u>		WELL# <u>2-26</u>		LOCATION <u>Basco Rd N to Rd A A W to Rd 5 st W inter</u>		COUNTY <u>Rawlins</u>	STATE <u>KS</u>
OLD OR (NEW) (Circle one) <u>NEW</u>							

CONTRACTOR Berexco #10

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 314

CASING SIZE 8 5/8 DEPTH 314

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15

PERFS.

DISPLACEMENT 19

OWNER Same

CEMENT

AMOUNT ORDERED 235 SKS Com 3%cc

270 gal

EQUIPMENT

PUMP TRUCK CEMENTER Kelly Gabel

432 HELPER Wayne McGinhy

BULK TRUCK

8184287 DRIVER Alex (TWS)

BULK TRUCK

DRIVER

COMMON	<u>235</u>	@	<u>17.90</u>	<u>4027.50</u>
POZMIX		@		
GEL	<u>4.000</u>	@	<u>23.90</u>	<u>93.60</u>
CHLORIDE	<u>1.300</u>	@	<u>64.00</u>	<u>83.20</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>800</u>	@	<u>2.90</u>	<u>603.50</u>
MILEAGE	<u>10.57</u>	@	<u>85.00</u>	<u>1374.75</u>
TOTAL				<u>6931.23</u>

REMARKS:

received cement

displaced with water

shot in

Cement not circulated

Shank open

Kelly & crew

CHARGE TO: Berexco

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB	<u>314</u>
PUMP TRUCK CHARGE	<u>1512.75</u>
EXTRA FOOTAGE	@
MILEAGE	<u>M & HV 50 @ 7.70</u>
MANIFOLD	<u>Duxedge @ 275.00 NC</u>
	<u>M & LV 50 @ 4.90 NC</u>
	@
TOTAL <u>1897.75</u>	

To: Allied Oil & Gas Services, 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 Fred G. G...m

SIGNATURE Fred G. G...m

PLUG & FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	
TOTAL _____		
SALES TAX (If Any) _____		
TOTAL CHARGES <u>8,828.98</u>		
DISCOUNT <u>2,472.11</u> IF PAID IN 30 DAYS		
<u>6,356.86 Net.</u>		

WELL FILE

WELL OIL & GAS SERVICES, LLC 062007

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT
Oakley KS

DATE <u>3-7-14</u>	SEC. <u>26</u>	TWP. <u>1</u>	RANGE <u>36</u>	CALLED OUT	ON LOCATION	JOB START <u>6:00</u>	JOB FINISH <u>1:00</u>
LEASE <u>Lillie</u>	WELL # <u>226</u>	LOCATION <u>McDonald N to Rdw</u>			COUNTY <u>Rauville</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)		Flood S.S. N to Rd AAWS into					

CONTRACTOR Borexco 10
TYPE OF JOB Production
HOLE SIZE 7 7/8 T.D. 4563'
CASING SIZE 5 1/2 DEPTH 4538'
TUBING SIZE DEPTH
DRILL PIPE DEPTH
TOOL DEPTH
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT 40.40
CEMENT LEFT IN CSG. 42.40'
PERFS.
DISPLACEMENT 107.35 bbl water

EQUIPMENT
PUMP TRUCK CEMENTER Paul Beaver
120 HELPER Fler Flipse
BULK TRUCK
546 DRIVER Adam Flipse
BULK TRUCK
386 DRIVER Alex (705)

OWNER Sau
CEMENT
AMOUNT ORDERED 450 sks like 5/4#
Flo-seal, 250 sks Com 5 1/2 grade
20% gel, 10% soft
COMMON 250 sks @ 17.90 4475.00
POZMIX @
GEL 5 sks @ 23.40 117.00
CHLORIDE @
ASC ALW 450 sks @ 15.95 7177.50
@
Sett 26 sks @ 26.35 685.10
@
Gilsonite 1250# @ .98 1225.00
@
Flo-seal 338# @ 2.97 1003.86
@
@
HANDLING 824.89 1.55 @ 2.48 2045.23
MILEAGE 34.72 tons ASD X2 60 4461.60
TOTAL 21,190.79

REMARKS:

Run pipe float equip, break circ
Drop ball, ball went through shoe @ 200 ft
mix 30 sks in R 4, in N 50 sks in m. 4
mix 400 sks like @ 12.92, mix 250
sk. Com @ 14.50, shut down, wash
up hole pit, release dig, digles/water
plug dip land, plug back pressure
float did not cement do note circ
(lost circ before job) Thank you!

SERVICE

DEPTH OF JOB 4563'
PUMP TRUCK CHARGE 2763.75
EXTRA FOOTAGE @
MILEAGE MHV 50 @ 7.70 385.00
MANIFOLD Lead @ 275.00 275.00
MHV 50 @ 4.50 225.00
@

TOTAL 31,500.79

CHARGE TO: Borexco LLC
STREET _____
CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

Industrial Rubber
NEW Plug shoe @ 237.00 237.00
Large plug Assy @ 184.00 184.00
Centralizers 10 @ 37.00 370.00
Plug. 8 inches 80 @ 46.00 3680.00
@
TOTAL 4706.00

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SALES TAX (If Any) _____
TOTAL CHARGES 26,047.54
DISCOUNT 6,815.63 IF PAID IN 30 DAYS
19,231.90 Net.

PRINTED NAME _____
SIGNATURE E. News