

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

OPERATOR: License # 34318  
 Name: BEREXCO LLC  
 Address 1: 2020 N. BRAMBLEWOOD  
 Address 2: \_\_\_\_\_  
 City: WICHITA State: KS Zip: 67206 + \_\_\_\_\_  
 Contact Person: Dana Wreath  
 Phone: ( 316 ) 265-3311  
 CONTRACTOR: License # 34318  
 Name: BEREXCO LLC  
 Wellsite Geologist: Bryan Bynog  
 Purchaser: Central Crude Corporation

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 #: \_\_\_\_\_

<u>07/14/2010</u>	<u>07/23/2010</u>	<u>09/24/2010</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-051-26010-00-00  
 Spot Description: \_\_\_\_\_  
NE SE SW SW Sec. 10 Twp. 15 S. R. 18  East  West  
412 Feet from  North /  South Line of Section  
996 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:  
 NE       NW       SE       SW  
 County: Ellis  
 Lease Name: Dinges Well #: 2  
 Field Name: Leiker  
 Producing Formation: Arbuckle  
 Elevation: Ground: 2020 Kelly Bushing: 2031  
 Total Depth: 3675 Plug Back Total Depth: 3612  
 Amount of Surface Pipe Set and Cemented at: 1182 Feet  
 Multiple Stage Cementing Collar Used?  Yes  No  
 If yes, show depth set: \_\_\_\_\_ Feet  
 If Alternate II completion, cement circulated from: 3674  
 feet depth to: 1850 w/ 400 sx cmt.

**Drilling Fluid Management Plan**  
*(Data must be collected from the Reserve Pit)*  
 Chloride content: 81000 ppm Fluid volume: 500 bbls  
 Dewatering method used: Evaporated  
 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: 10/15/2010  
 Confidential Release Date: 10/15/2012  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
 ALT  I  II  III Approved by: NAOMI JAMES Date: 10/18/2010



1045537

Operator Name: BEREXCO LLC Lease Name: Dinges Well #: 2

Sec. 10 Twp. 15 S. R. 18  East  West County: Ellis

**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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run: Log Compensated Density Log Micro Log Radiation Guard Log	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:60%;">Name</th> <th style="width:20%;">Top</th> <th style="width:20%;">Datum</th> </tr> </thead> <tbody> <tr> <td>Anhydrite</td> <td>1195</td> <td>(+836)</td> </tr> <tr> <td>Topeka</td> <td>3134</td> <td>(-1103)</td> </tr> <tr> <td>Heebner</td> <td>3266</td> <td>(-1235)</td> </tr> <tr> <td>Lansing A</td> <td>3314</td> <td>(-1283)</td> </tr> <tr> <td>KS City (Base)</td> <td>3550</td> <td>(-1519)</td> </tr> <tr> <td>Marmaton</td> <td>3582</td> <td>(-1551)</td> </tr> <tr> <td>Arbuckle</td> <td>3592</td> <td>(-1561)</td> </tr> </tbody> </table>	Name	Top	Datum	Anhydrite	1195	(+836)	Topeka	3134	(-1103)	Heebner	3266	(-1235)	Lansing A	3314	(-1283)	KS City (Base)	3550	(-1519)	Marmaton	3582	(-1551)	Arbuckle	3592	(-1561)
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KS City (Base)	3550	(-1519)																							
Marmaton	3582	(-1551)																							
Arbuckle	3592	(-1561)																							

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12.250	8.625	24	1182	60/40 POZ		3% cc, 2% gel
Production	7.875	5.50	15	3674	Lite / ASC	400	1/4#floseal,5#gilsonite

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	-			
	-			

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	3592-3596	150 gallons 15% MCA	3592-3596

TUBING RECORD:	Size: <u>2.875</u>	Set At: <u>3590</u>	Packer At: <u>no packer</u>	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>09/24/2010</u>		Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____		
Estimated Production Per 24 Hours	Oil Bbls. <u>30</u>	Gas Mcf <u>0</u>	Water Bbls. <u>75</u>	Gas-Oil Ratio <u>32</u>

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 checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>3592-3596</u>
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*Mark Parkinson, Governor  
Thomas E. Wright, Chairman  
Joseph F. Harkins, Commissioner  
Ward Loyd, Commissioner*

October 15, 2010

Dana Wreath  
BEREXCO LLC  
2020 N. BRAMBLEWOOD  
WICHITA, KS 67206

Re: ACO1  
API 15-051-26010-00-00  
Dinges 2  
SW/4 Sec.10-15S-18W  
Ellis 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,  
Dana Wreath

CONSERVATION DIVISION

Finney State Office Building, 130 S. Market, Room 2078, Wichita, KS 67202-3802  
(316) 337-6200 • Fax: (316) 337-6211 • <http://kcc.ks.gov/>

# ALLIEL CEMENTING CO., LLC. 041562

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

Russell

DATE <u>7-23-10</u>	SEC. <u>10</u>	TWP. <u>15S</u>	RANGE <u>18W</u>	CALLED OUT	ON LOCATION	JOB START <u>12:15 AM</u>	JOB FINISH <u>1:15 AM</u>
LEASE <u>Dinges</u>	WELL # <u>2</u>	LOCATION <u>Hays + 183 Hwy 7 1/2 S</u>			COUNTY <u>Ellis</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)				<u>1/4 E White</u>			

CONTRACTOR Bredco Rig #10  
 TYPE OF JOB Production Casing  
 HOLE SIZE 7 7/8 T.D. 3686  
 CASING SIZE 5 7/8 DEPTH 3686.08  
 TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_  
 PRES. MAX 1300 psi MINIMUM \_\_\_\_\_  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT 69.64  
 CEMENT LEFT IN CSG. 69.64  
 PERFS. \_\_\_\_\_  
 DISPLACEMENT 86.25 bbl

OWNER \_\_\_\_\_

CEMENT

AMOUNT ORDERED 200 Lite 1/4" Fls  
200 ASC 5" Gilsomite pipe  
500 Gal WFR-2

COMMON \_\_\_\_\_ @ \_\_\_\_\_  
 POZMIX \_\_\_\_\_ @ \_\_\_\_\_  
 GEL \_\_\_\_\_ @ \_\_\_\_\_  
 CHLORIDE \_\_\_\_\_ @ \_\_\_\_\_  
 ASC \_\_\_\_\_ @ \_\_\_\_\_

**EQUIPMENT**

PUMP TRUCK CEMENTER Shane  
 # 417 HELPER Heath  
 BULK TRUCK \_\_\_\_\_  
 # \_\_\_\_\_ DRIVER Parren Oakley  
 BULK TRUCK \_\_\_\_\_  
 # \_\_\_\_\_ DRIVER \_\_\_\_\_

<u>Lite 200</u>	@	<u>11.85</u>	<u>2370.00</u>
<u>Fl. Sol 50</u>	@	<u>2.45</u>	<u>122.50</u>
<u>Gilsomite 1000</u>	@	<u>1.25</u>	<u>850.00</u>
<u>WFR-2 500</u>	@	<u>1.10</u>	<u>550.00</u>
_____	@	_____	_____
_____	@	_____	_____
_____	@	_____	_____
_____	@	_____	_____
HANDLING <u>200</u>	@	<u>2.25</u>	<u>450.00</u>
MILEAGE <u>110/sk/pipe</u>			<u>300.00</u>

TOTAL 4642.50

**REMARKS:**

Insert @ 3621.44  
Ret Hole 30' for Mouse Hole 15' for  
Mixed 500 Gal WFR-2  
Mixed Co. Cement 12.5 ppg  
Failed in ASC 14.8 ppg  
Washed Pump & Lines, Displaced  
86.25 bbl

**SERVICE**

DEPTH OF JOB \_\_\_\_\_  
 PUMP TRUCK CHARGE \_\_\_\_\_ 1957.00  
 EXTRA FOOTAGE \_\_\_\_\_ @ \_\_\_\_\_  
 MILEAGE 7 @ 7.00 49.00

# ALLIED CEMENTING CO., LLC. 041670

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:  
Great Bend KS

DATE <u>7-15-10</u>	SEC. <u>10</u>	TWP. <u>15</u>	RANGE <u>18</u>	CALLED OUT	ON LOCATION	JOB START <u>9:00 pm</u>	JOB FINISH <u>9:45 pm</u>
Dinges LEASE		WELL # <u>2</u>		LOCATION <u>Hays KS 7 South 1/2 East</u>		COUNTY <u>Ellis</u>	STATE <u>KS</u>
OLD OR <u>NEW</u> (Circle one)				<u>North into</u>			

CONTRACTOR Baredco Rig #10

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 1182'

CASING SIZE 8 5/8 24# DEPTH 1182'

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT 38'

CEMENT LEFT IN CSG. 33'

PERFS. \_\_\_\_\_

DISPLACEMENT 72.87 BRL

OWNER \_\_\_\_\_

CEMENT AMOUNT ORDERED 400 60/40 31-cc 27-Gal

COMMON	<u>240</u>	@	<u>13.50</u>	<u>3240.00</u>
POZMIX	<u>160</u>	@	<u>7.55</u>	<u>1208.00</u>
GEL	<u>7</u>	@	<u>20.25</u>	<u>141.75</u>
CHLORIDE	<u>13</u>	@	<u>51.50</u>	<u>669.50</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>200</u>	@	<u>2.25</u>	<u>450.00</u>
MILEAGE	<u>110.56/mi</u>			<u>300.00</u>

EQUIPMENT

PUMP TRUCK CEMENTER John Roberts

# 181 HELPER Alvin

BULK TRUCK

# 344/170 DRIVER Bob

BULK TRUCK

# \_\_\_\_\_ DRIVER \_\_\_\_\_

REMARKS:

Est. Circulation

Mix 400 sk Cement

Displace w/ 72.8 Bbl H<sub>2</sub>O

SERVICE

DEPTH OF JOB \_\_\_\_\_

PUMP TRUCK CHARGE \_\_\_\_\_ 991.00

EXTRA FOOTAGE \_\_\_\_\_ @ \_\_\_\_\_

MILEAGE 8 @ 7.00 56.00

TOTAL 6809.25



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Berexco LLC

Po Box 20380  
Wichita Ks  
67208+1380  
ATTN: Dana Wreath

**Dinges #2**

**10-15s-18w**

Job Ticket: 36204

**DST#: 1**

Test Start: 2010.07.19 @ 04:25:19

## GENERAL INFORMATION:

Formation: **Lower- "A-B"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:33:39

Time Test Ended: 13:54:29

Test Type: Conventional Bottom Hole

Tester: Jeff Brown

Unit No: 31

**Interval: 3320.00 ft (KB) To 3350.00 ft (KB) (TVD)**

Total Depth: 3350.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2031.00 ft (KB)

2020.00 ft (CF)

KB to GR/CF: 11.00 ft

**Serial #: 8017** Inside

Press@RunDepth: 90.86 psig @ 3325.00 ft (KB)

Start Date: 2010.07.19

End Date: 2010.07.19

Start Time: 04:25:24

End Time: 13:54:29

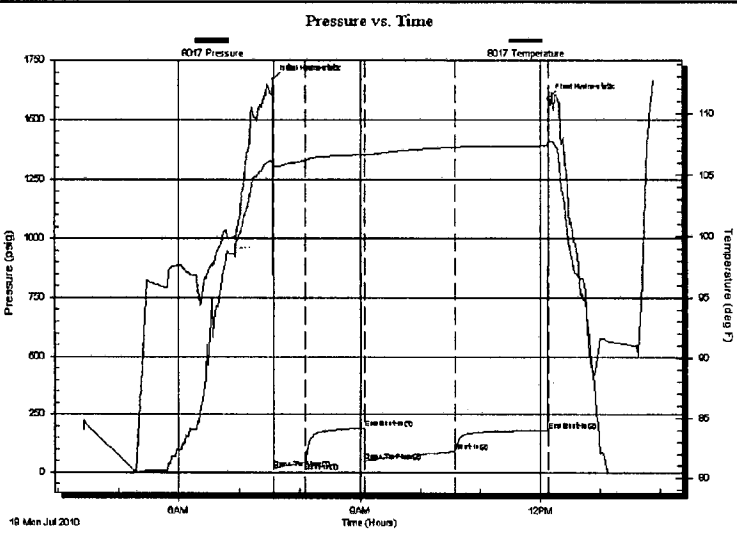
Capacity: 8000.00 psig

Last Calib.: 2010.07.19

Time On Btm: 2010.07.19 @ 07:33:09

Time Off Btm: 2010.07.19 @ 12:07:49

**TEST COMMENT:** JFP-Fair blow BOB in 8 1/2min  
ISI-Dead no blow back  
FFP-Fair blow BOB in 20 min  
ISI-Dead no blow back



## PRESSURE SUMMARY

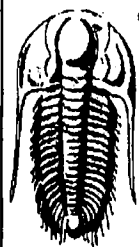
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1669.75	106.04	Initial Hydro-static
1	18.48	105.16	Open To Flow (1)
32	43.77	106.16	Shut-In(1)
91	190.35	106.64	End Shut-In(1)
92	46.44	106.57	Open To Flow (2)
182	90.86	107.22	Shut-In(2)
275	182.41	107.35	End Shut-In(2)
275	1589.01	107.95	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
126.00	Mud 100%	0.62
63.00	WM60%W40%M	0.31

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

Berexco LLC

**Dinges #2**

Po Box 20380

**10-15s-18w**

Wichita Ks

Job Ticket: 36204

**DST#: 1**

67208+1380

ATTN: Dana Wreath

Test Start: 2010.07.19 @ 04:25:19

### 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:

3000 ppm

Viscosity: 65.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3800.00 ppm

Filter Cake: inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
126.00	Mud 100%	0.620
63.00	WM60%W40%M	0.310

Total Length: 189.00 ft      Total Volume: 0.930 bbl

Num Fluid Samples: 0

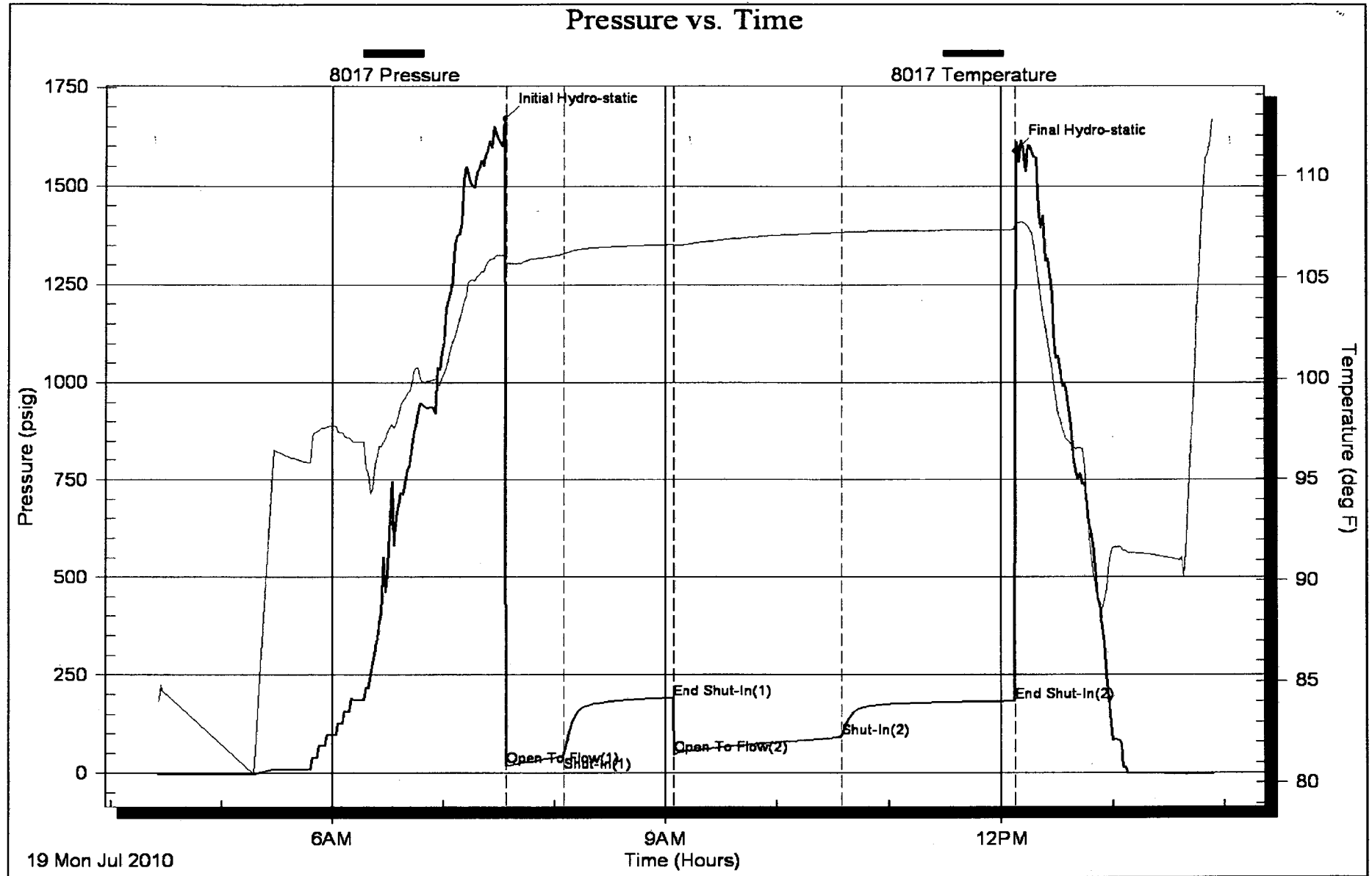
Num Gas Bombs: 0

Serial #:

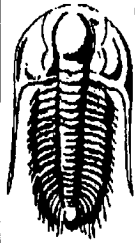
Laboratory Name:

Laboratory Location:

Recovery Comments:







**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Berexco LLC

Po Box 20380  
Wichita Ks  
67208+1380  
ATTN: Dana Wreath

**Dinges #2**

**10-15s-18w**

Job Ticket: 36205

**DST#: 2**

Test Start: 2010.07.19 @ 21:34:10

## GENERAL INFORMATION:

Formation: **Lower-"C-D-E"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:16:30

Time Test Ended: 05:12:00

Test Type: Conventional Bottom Hole

Tester: Jeff Brown

Unit No: 31

Interval: **3350.00 ft (KB) To 3380.00 ft (KB) (TVD)**

Reference Elevations: 2031.00 ft (KB)

Total Depth: 3380.00 ft (KB) (TVD)

2020.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

**Serial #: 8017** Inside

Press@RunDepth: 16.44 psig @ 3355.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.07.19 End Date: 2010.07.20

Last Calib.: 2010.07.20

Start Time: 21:34:15 End Time: 05:12:00

Time On Btm: 2010.07.20 @ 00:16:20

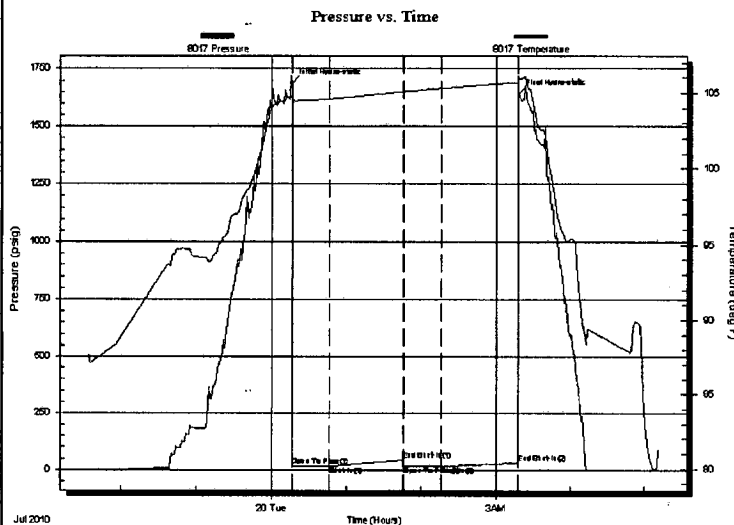
Time Off Btm: 2010.07.20 @ 03:18:10

**TEST COMMENT:** IFP-Weak surface blow died in 3 min

ISI-Dead no blow back

FFP-Dead no blow

FSI-Dead no blow back



## PRESSURE SUMMARY

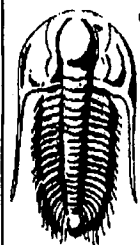
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1686.94	104.89	Initial Hydro-static
1	15.80	103.97	Open To Flow (1)
30	17.48	104.60	Shut-In(1)
90	44.44	105.09	End Shut-In(1)
90	16.50	105.07	Open To Flow (2)
120	16.44	105.31	Shut-In(2)
182	29.76	105.72	End Shut-In(2)
182	1640.05	106.10	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
1.00	100%Mud	0.00

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Berexco LLC

**Dinges #2**

Po Box 20380

**10-15s-18w**

Wichita Ks

Job Ticket: 36205

**DST#: 2**

67208+1380

ATTN: Dana Wreath

Test Start: 2010.07.19 @ 21:34:10

## 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: 56.00 sec/qt

Cushion Volume: bbl

Water Loss: 90.92 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure: psig

Salinity: 4000.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1.00	100%Mud	0.005

Total Length: 1.00 ft      Total Volume: 0.005 bbl

Num Fluid Samples: 0

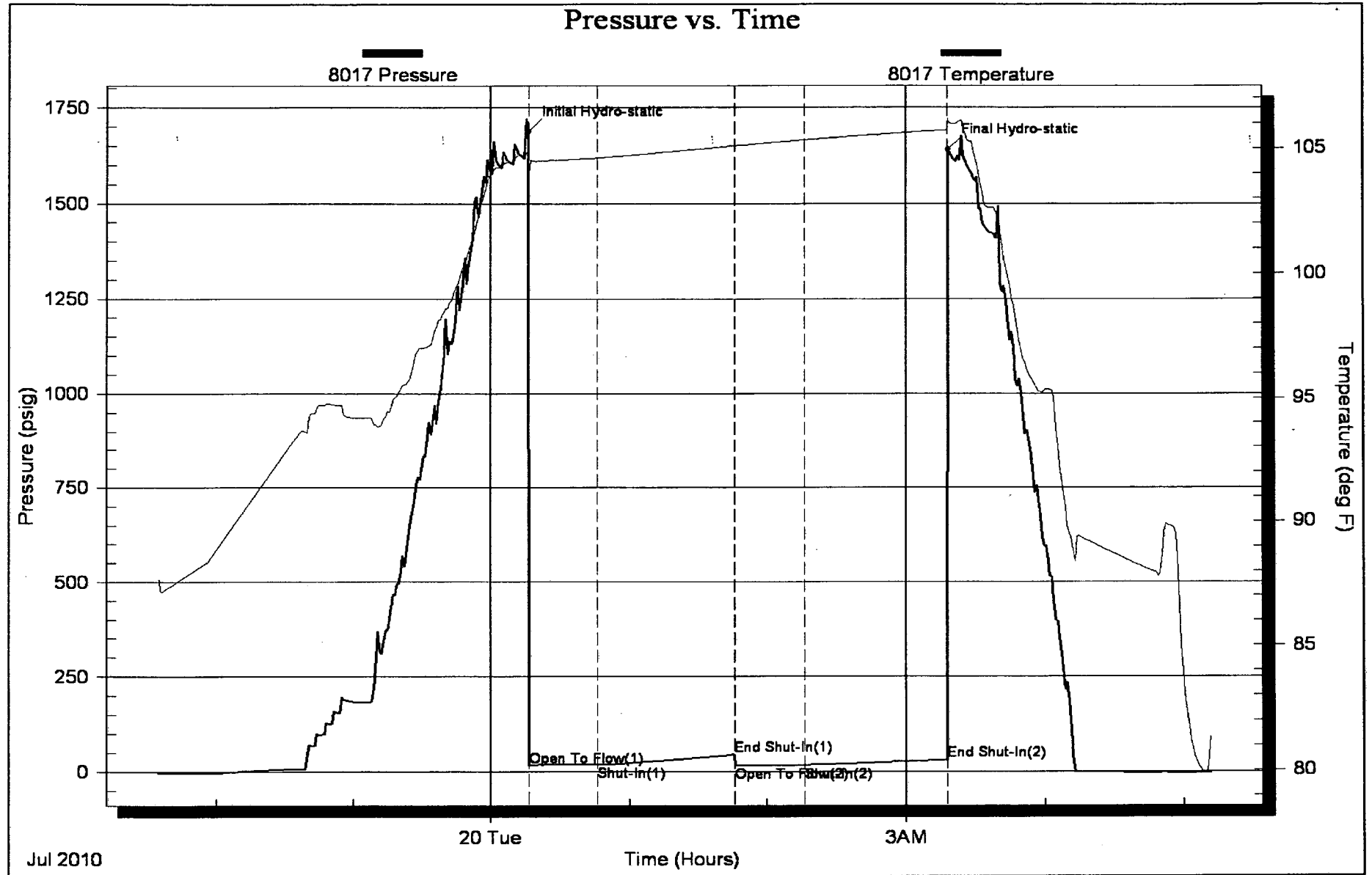
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Berexco LLC

**Dinges #2**

Po Box 20380  
Wichita Ks  
67208+1380  
ATTN: Dana Wreath

**10-15s-18w**  
Job Ticket: 36206 **DST#: 3**  
Test Start: 2010.07.20 @ 21:00:19

## GENERAL INFORMATION:

Formation: **LKC-H-I-J-K"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:29:09

Time Test Ended: 06:19:38

Test Type: Conventional Bottom Hole

Tester: Jeff Brown

Unit No: 31

Interval: **3420.00 ft (KB) To 3520.00 ft (KB) (TVD)**

Total Depth: 3520.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2031.00 ft (KB)

2020.00 ft (CF)

KB to GR/CF: 11.00 ft

**Serial #: 8017 Inside**

Press@RunDepth: 71.12 psig @ 3431.00 ft (KB)

Start Date: 2010.07.20

End Date: 2010.07.21

Start Time: 21:00:24

End Time: 06:19:39

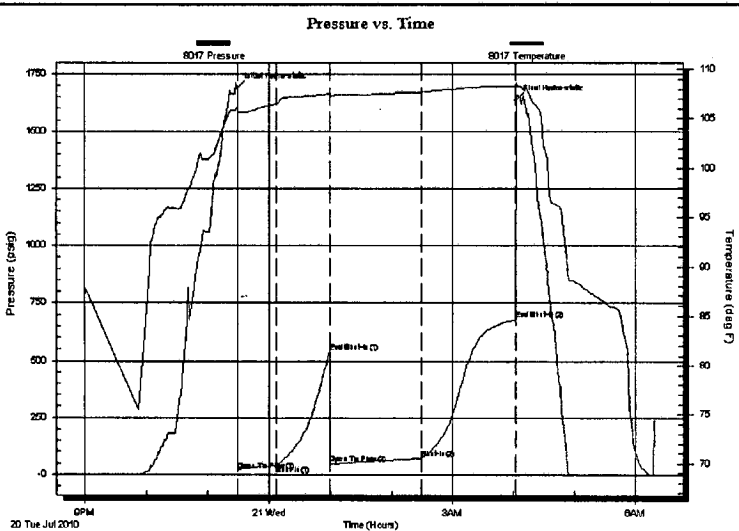
Capacity: 8000.00 psig

Last Calib.: 2010.07.21

Time On Btm: 2010.07.20 @ 23:28:59

Time Off Btm: 2010.07.21 @ 04:02:19

**TEST COMMENT:** IFP-Fair blow BOB in 18 min  
IS-Dead no blow back  
FFP-Strong blow BOB in 12 min  
FSI-Dead no blow back



## PRESSURE SUMMARY

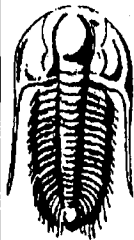
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1692.19	106.08	Initial Hydro-static
1	17.65	105.24	Open To Flow (1)
38	38.51	106.50	Shut-In(1)
91	539.20	107.52	End Shut-In(1)
91	47.66	107.30	Open To Flow (2)
181	71.12	107.69	Shut-In(2)
273	678.28	108.27	End Shut-In(2)
274	1636.54	108.69	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
5.00	SOCM5%O95%M	0.02
122.00	OCGM20%O25%G55%M	0.60
0.00	915 GIP	0.00

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Berexco LLC

**Dinges #2**

Po Box 20380

**10-15s-18w**

Wichita Ks

Job Ticket: 36206

**DST#:3**

67208+1380

ATTN: Dana Wreath

Test Start: 2010.07.20 @ 21:00:19

## 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: 54.00 sec/qt

Cushion Volume:

bbf

Water Loss: 8.78 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3600.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbf
5.00	SOCM5%O95%M	0.025
122.00	OCGM20%O25%G55%M	0.600
0.00	915 GIP	0.000

Total Length: 127.00 ft      Total Volume: 0.625 bbf

Num Fluid Samples: 0

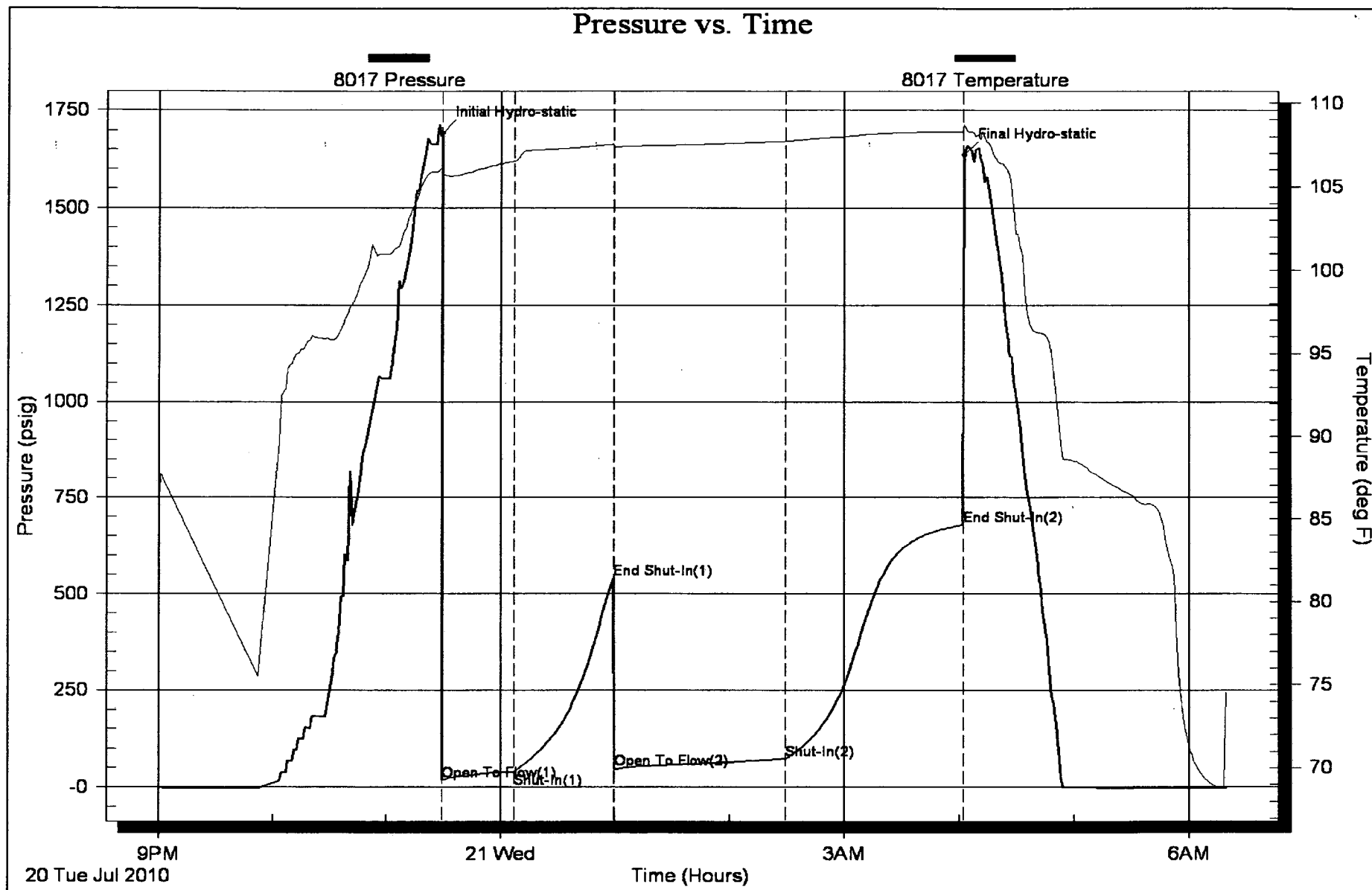
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Berexco LLC

Po Box 20380  
Wichita Ks  
67208+1380  
ATTN: Dana Wreath

**Dinges #2**

**10-15s-18w**

Job Ticket: 36207

**DST#: 4**

Test Start: 2010.07.21 @ 16:54:57

## GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:31:07

Time Test Ended: 02:38:37

Test Type: Conventional Bottom Hole

Tester: Jeff Brown

Unit No: 31

Interval: **3590.00 ft (KB) To 3597.00 ft (KB) (TVD)**

Reference Elevations: 2031.00 ft (KB)

Total Depth: 3597.00 ft (KB) (TVD)

2020.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

**Serial #: 8017** Inside

Press@RunDepth: 371.24 psig @ 3591.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.07.21

End Date:

2010.07.22

Last Calib.:

2010.07.22

Start Time: 16:55:02

End Time:

02:38:36

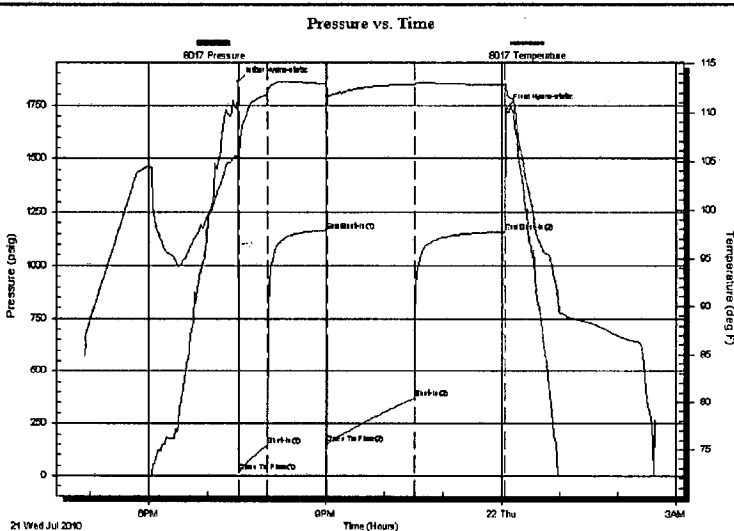
Time On Btm:

2010.07.21 @ 19:30:57

Time Off Btm:

2010.07.22 @ 00:04:36

**TEST COMMENT:** JFP-Strong blow BOB in 7 min  
ISI-Weak blow back built to 3 in  
FFP-Strong blow BOB in 7 min  
FSI-Dead no blow back



## PRESSURE SUMMARY

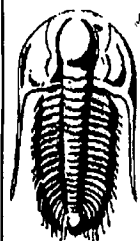
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1859.50	105.81	Initial Hydro-static
1	18.68	105.09	Open To Flow (1)
30	145.22	111.89	Shut-In(1)
90	1166.00	112.89	End Shut-In(1)
90	152.10	112.44	Open To Flow (2)
180	371.24	112.83	Shut-In(2)
273	1159.44	112.80	End Shut-In(2)
274	1732.82	112.58	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
62.00	SOCMW5%O80%W15%M	0.30
62.00	HOCGM30%O10%G60%M	0.30
868.00	G Oil 15%G 85%O	7.99
0.00	310 GIP	0.00

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Berexco LLC

**Dinges #2**

Po Box 20380

**10-15s-18w**

Wichita Ks

Job Ticket: 36207

**DST#: 4**

67208+1380

ATTN: Dana Wreath

Test Start: 2010.07.21 @ 16:54:57

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

32 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

3200 ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.58 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	SOCMW5%O80%W15%M	0.305
62.00	HOCGM30%O10%G60%M	0.305
868.00	G Oil 15%G 85%O	7.992
0.00	310 GIP	0.000

Total Length: 992.00 ft

Total Volume: 8.602 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

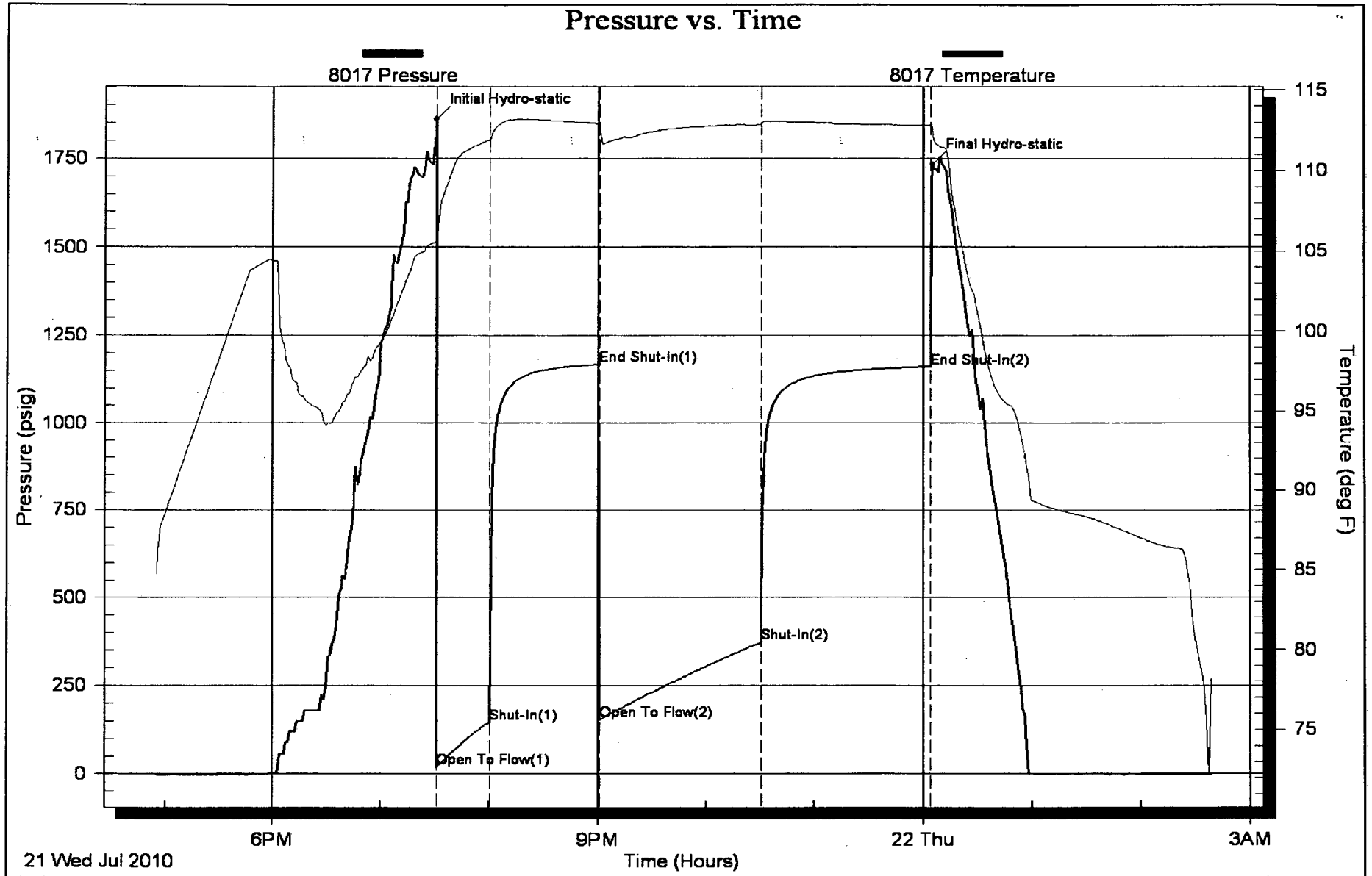
Serial #:

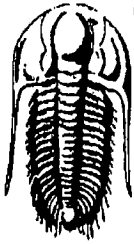
Laboratory Name:

Laboratory Location:

Recovery Comments:







**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Berexco LLC

Po Box 20380  
Wichita Ks  
67208+1380  
ATTN: Dana Wreath

**Dinges #2**

**10-15s-18w**

Job Ticket: 36208

**DST#: 5**

Test Start: 2010.07.22 @ 09:44:58

## GENERAL INFORMATION:

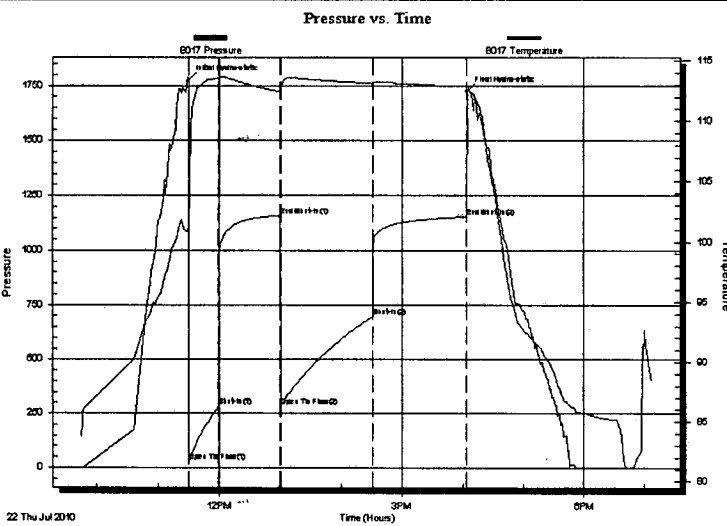
Formation: **Arbuckle**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 11:29:58  
 Time Test Ended: 19:07:17  
 Interval: **3598.00 ft (KB) To 3605.00 ft (KB) (TVD)**  
 Total Depth: 3605.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Good  
 Test Type: Conventional Bottom Hole  
 Tester: Jeff Brown  
 Unit No: 31  
 Reference Elevations: 2031.00 ft (KB)  
 2020.00 ft (CF)  
 KB to GR/CF: 11.00 ft

## Serial #: 8017

**Inside**

Press@RunDepth: 696.19 psig @ 3602.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2010.07.22 End Date: 2010.07.22 Last Calib.: 2010.07.22  
 Start Time: 09:45:03 End Time: 19:07:18 Time On Btm: 2010.07.22 @ 11:29:48  
 Time Off Btm: 2010.07.22 @ 16:03:58

**TEST COMMENT:** IFP-Strong blow BOB in 5 min  
 ISI-Weak surface blow built to 3 in  
 FFP-Strong blow BOB in 4 min  
 FSI-Weak surface blow built to 1/4 in Died in 45 min



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1774.63	101.26	Initial Hydro-static
1	29.27	100.42	Open To Flow (1)
30	281.89	113.45	Shut-In(1)
90	1159.59	112.47	End Shut-In(1)
91	284.72	112.04	Open To Flow (2)
181	696.19	113.10	Shut-In(2)
274	1152.48	112.87	End Shut-In(2)
275	1724.99	112.92	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
234.00	Free oil	1.15
77.00	VSOCWM2%O48%W50%M	0.38
110.00	OCMW15%O40%M45%W	0.88
1116.00	Water	12.09

## Gas Rates

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



**TRILOBITE**  
TESTING, INC

# DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco LLC

**Dinges #2**

Po Box 20380

**10-15s-18w**

Wichita Ks

Job Ticket: 36208

**DST#: 5**

67208+1380

ATTN: Dana Wreath

Test Start: 2010.07.22 @ 09:44:58

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

31 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

38000 ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.19 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3800.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
234.00	Free oil	1.151
77.00	VSOCWM2%O48%W50%M	0.379
110.00	OCCMV15%O40%M45%W	0.884
1116.00	Water	12.094

Total Length: 1537.00 ft

Total Volume: 14.508 bbl

Num Fluid Samples: 0

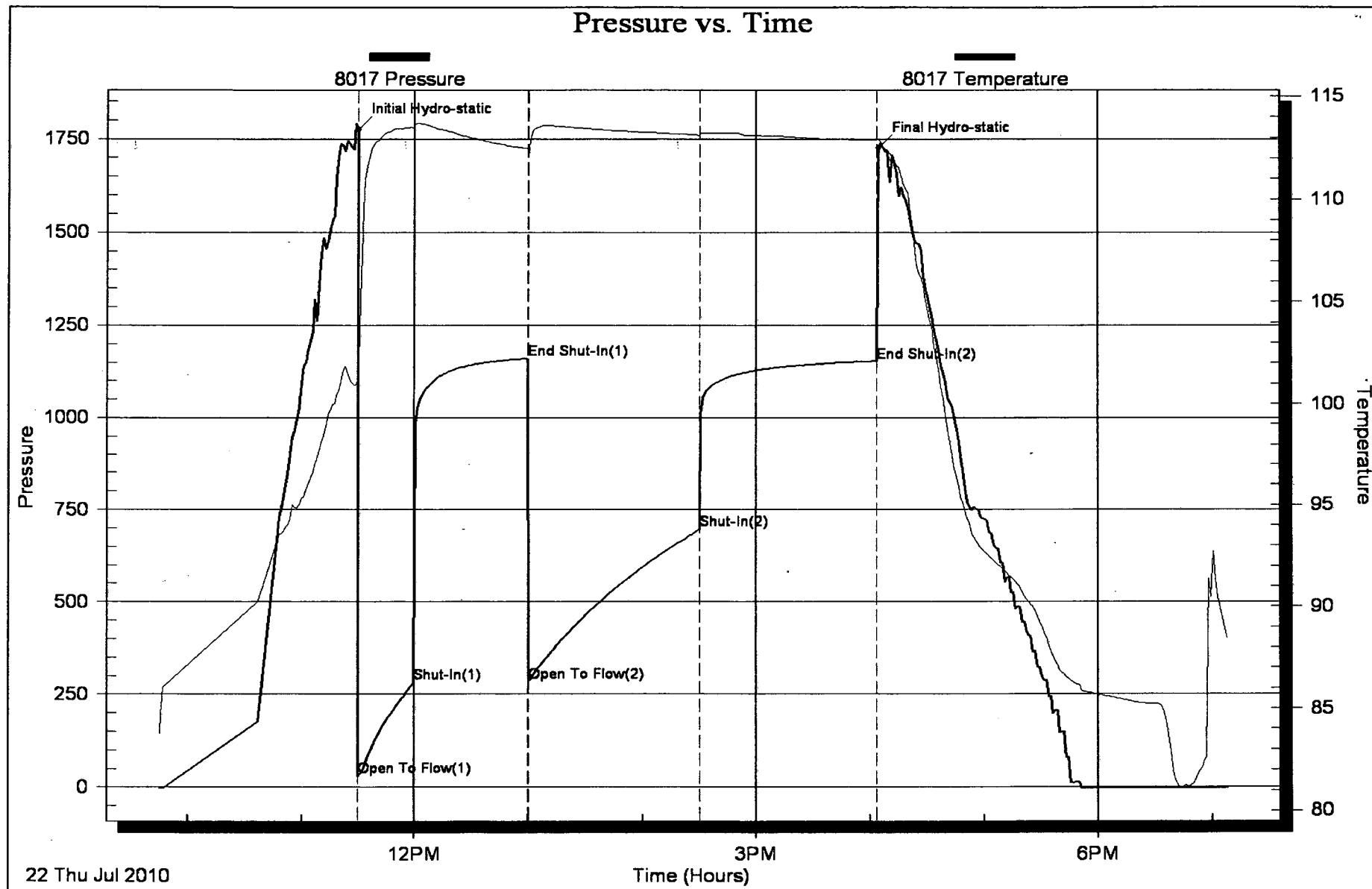
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



# LITHOLOGY STRIP LOG

## WellSight Systems

Scale 1:240 (5"=100') Imperial  
Measured Depth Log

Well Name: DINGES # 2

Location: SESWSW SECTION 10 15S-18W ELLIS COUNTY, KANSAS

License Number: 15-051-26010

Region: MIDCONTINENT

Spud Date: 7-14-2010

Drilling Completed: 7-23-2010

Surface Coordinates: 412' FSL & 996' FWL

### Bottom Hole Coordinates:

Ground Elevation (ft): 2020

K.B. Elevation (ft): 2031

Logged Interval (ft): 2700 To: 3675

Total Depth (ft): 3675

Formation: LANSING/KANSAS CITY, ARBUCKLE

Type of Drilling Fluid: CHEMICAL

Printed by WellSight Log Viewer from WellSight Systems 1-800-447-1534 www.WellSight.co

### OPERATOR

Company: BEREXCO, LLC

Address: P.O. BOX 20380  
WICHITA, KS. 67208

### GEOLOGIST

Name: WILLIAM B. BYNOG

Company:

Address: P.O. BOX 687  
PINECLIFFE, CO 80471  
303-642-3681 H 303-250-0727 C

### Cores

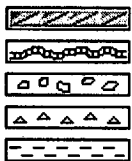
### DSTs

DST#1 3320-50, DST#2 3350-3380, DST#3 3420-3520, DST#4 3590-97, DST#5 3598-3605

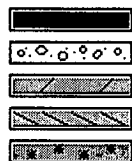
### Comments

SET PRODUCTION PIPE

### ROCK TYPES



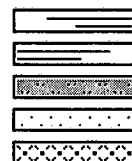
Anhy  
Bent  
Brec  
Cht  
Clyst



Coal  
Congl  
Dol  
Gyp  
Igne



Lmst  
Meta  
Mrlst  
Salt  
Shale



Shcol  
Shgy  
Sltst  
Ss  
Till

ACCESSORIES

MINERAL

- Anhy
- Arggrn
- Arg
- Bent
- Bit
- Brefracg
- Calc
- Carb
- Chtdk
- Chtlt
- Dol
- Feldspar
- Ferrpel
- Ferr
- Glau
- Gyp
- Hvymin
- Kaol
- Marl

- Minxl
- Nodule
- Phos
- Pyr
- Salt
- Sandy
- Silt
- Sil
- Sulphur
- Tuff

FOSSIL

- Algae
- Amph
- Belm
- Bioclst
- Brach
- Bryozoa
- Cephal
- Coral

- Crin
- Echin
- Fish
- Foram
- Fossil
- Gastro
- Oolite
- Ostra
- Pelec
- Pellet
- Pisolite
- Plant
- Strom

STRINGER

- Anhy
- Arg
- Bent
- Coal
- Dol

- Gyp
- Ls
- Mrst
- Sltstrg
- Ssstrg

TEXTURE

- Boundst
- Chalky
- Cryxln
- Earthy
- Finexln
- Grainst
- Lithogr
- Microxln
- Mudst
- Packst
- Wackest

OTHER SYMBOLS

POROSITY

- Earthy
- Fenest
- Fracture
- Inter
- Moldic
- Organic
- Pinpoint
- Vuggy

SORTING

- Well
- Moderate
- Poor

ROUNDING

- Rounded
- Subrnd
- Subang

- Angular

OIL SHOW

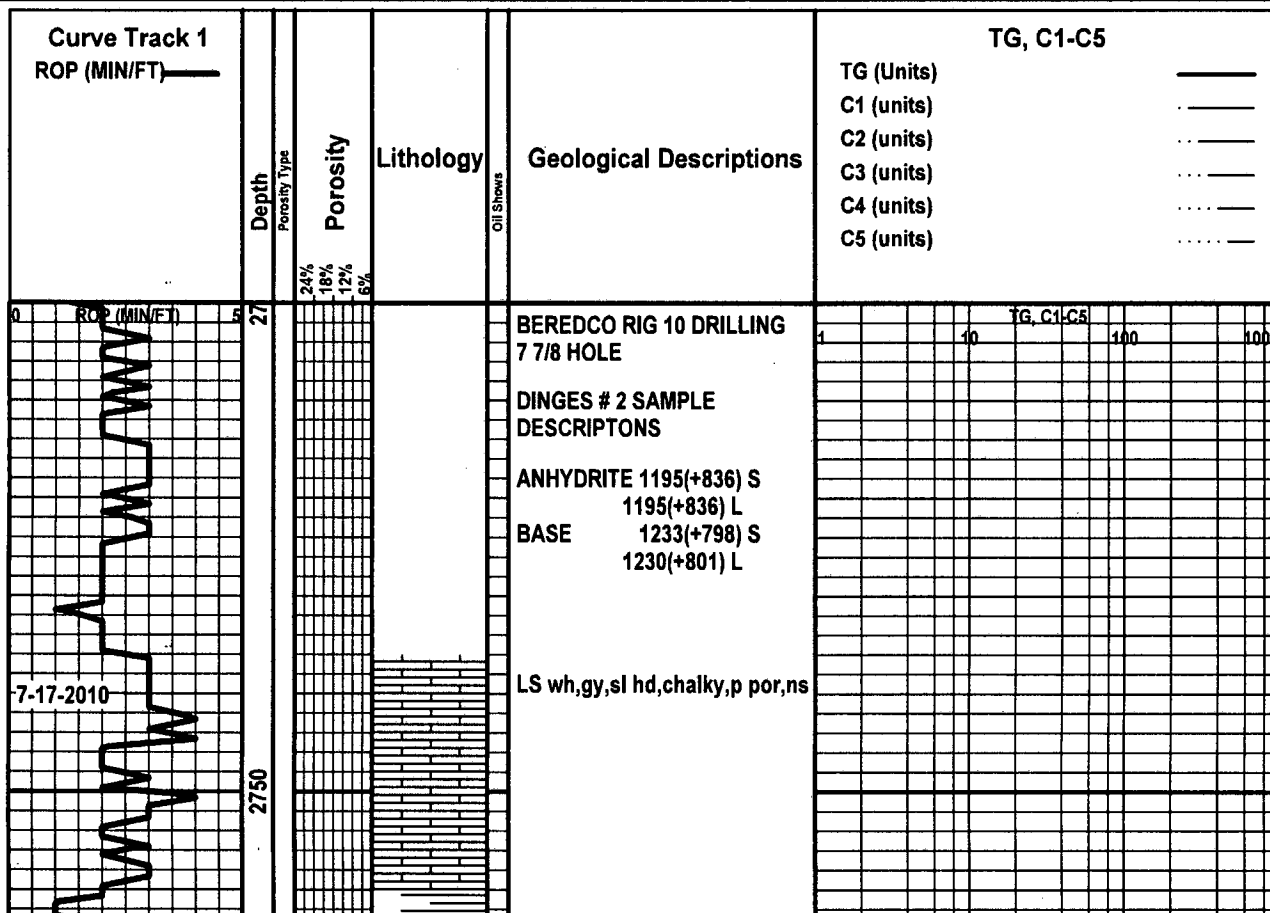
- Even
- Spotted
- Ques
- Dead

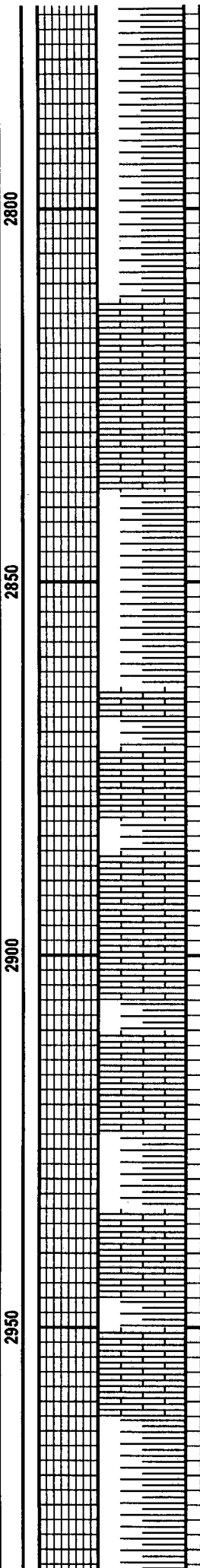
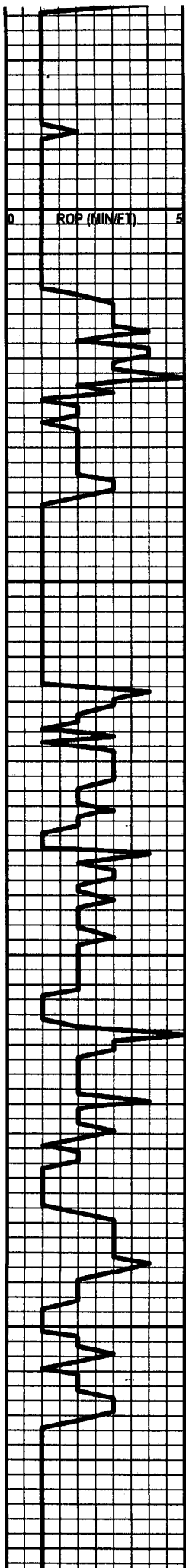
INTERVAL

- Dst
- Dst

EVENT

- Rft
- Sidewall





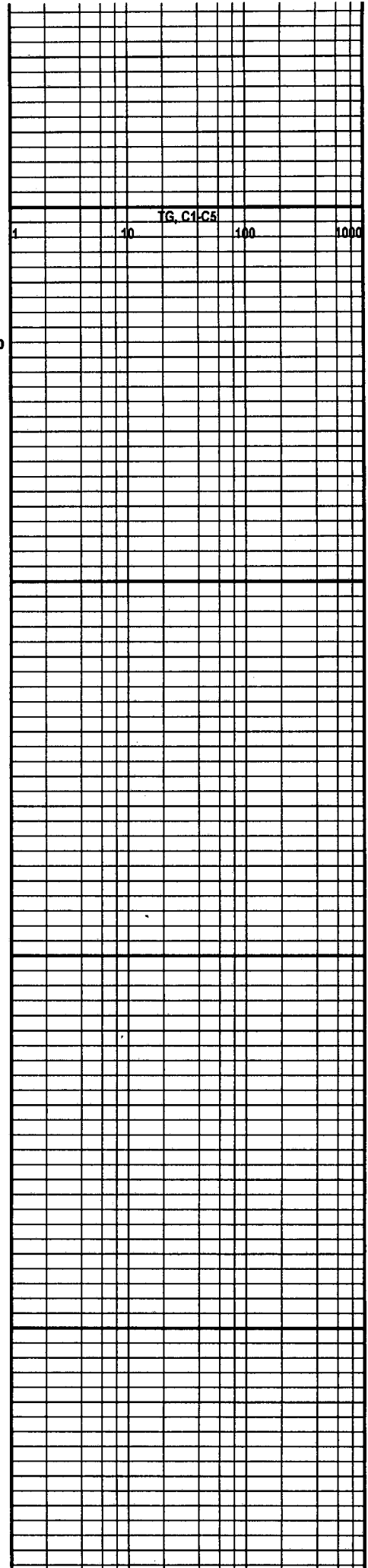
LS pale gy,hd,foss, sl chalky,p  
por

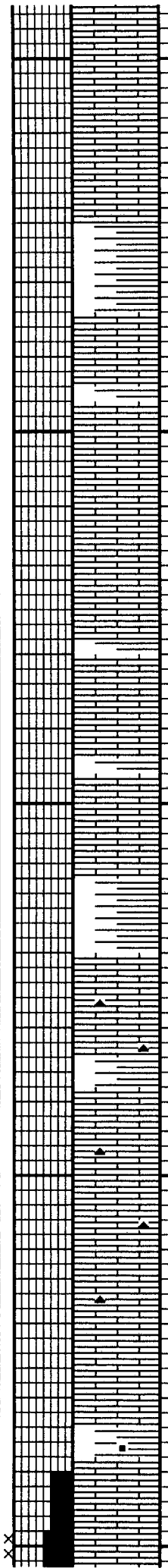
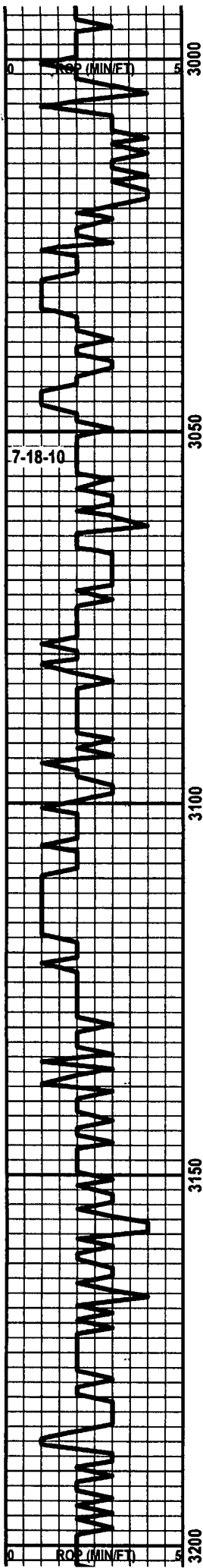
SH aa

LS tan,gy,v hd,dns, foss / thin  
SH aa

LS buff,tan,v hd,dns,sl foss

SH gy gn,gn,sft,v arg, slty ip





LS tan,gy,v hd,dns,sl foss

SH gy,gn,hd,lmy

LS buff,tan,some gy,v hd,dns

LS buff,hd,sl foss,dns/ thin SH aa

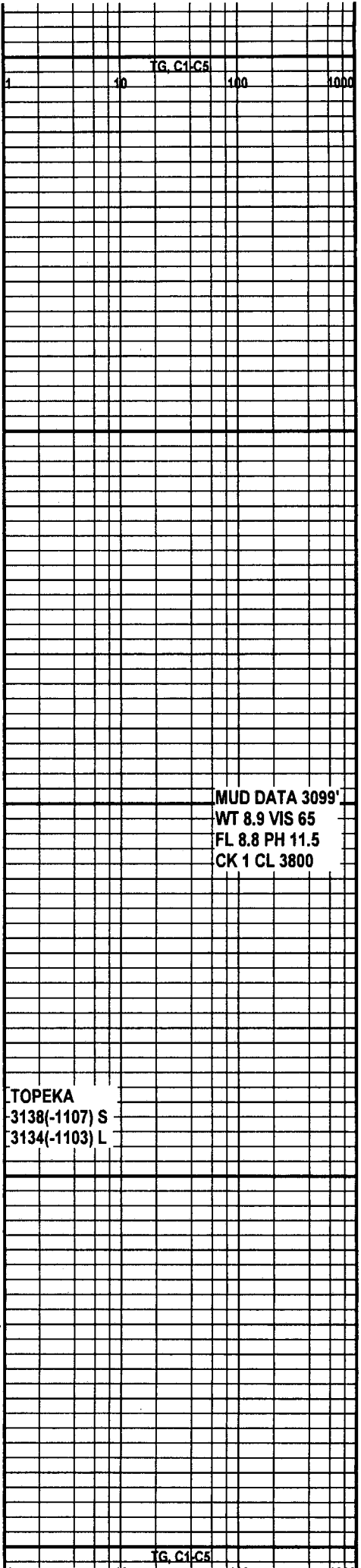
SH gn,sft,arg

LS buff,gy,hd,foss, dns,sl chalky,abnt Cht gy/ thin SH aa

LS buff,v hd,sl chalky,crptoxln,dns,abnt Cht wh,gy

SH gn,blk,frm,carb

LS pale gy,buff,frm, foss,fr interaran nor.ns

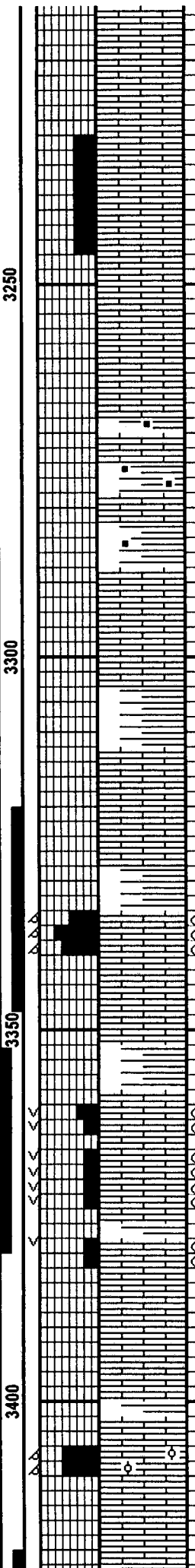
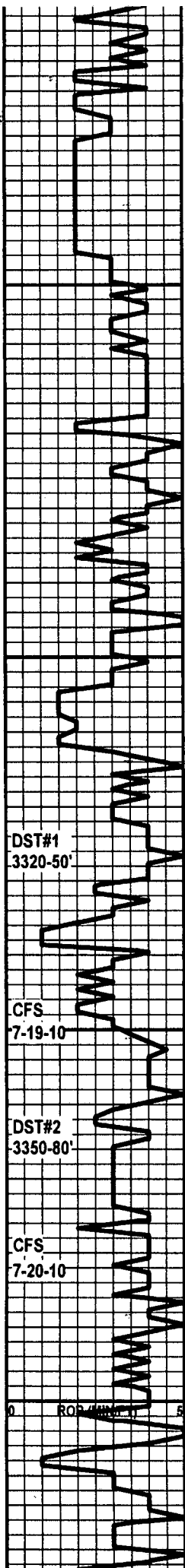


MUD DATA 3099'  
WT 8.9 VIS 65  
FL 8.8 PH 11.5  
CK 1 CL 3800

TOPEKA  
3138(-1107) S  
3134(-1103) L

TG, C1-C5





LS buff,v hd,dns

LS pale gy,frm, foss,sl chalky,por,ns

LS buff,gy,v hd,sl foss,dns

SH blk,dk gy,frm, fiss,carb

LS buff,v hd,dns/ thin bedded SH aa

SH red,gn,sft,arg

LS buff,tan,v hd,sl foss,dns,ns

SH gy,gn,frm,fiss

LS buff,frm,ool, oocastic,fr-good moldic por,spty brn stn,good cut & odor,sl show free oil

LS wh,frm,v chalky,pr vis por,ns

SH gn,gy gn,frm, wxy

LS wh,sl hd,ool,p- fr vuggy por,spty brn stn, good cut & odor,sl show free ol

LS wh,crm,hd,sl ool,sl chalky,p vuggy por, v spty brn stn,good cut,fr odor,fr show free oil / v thin SH blk,frm,carb

LS aa p por,v spty stn, wk cut

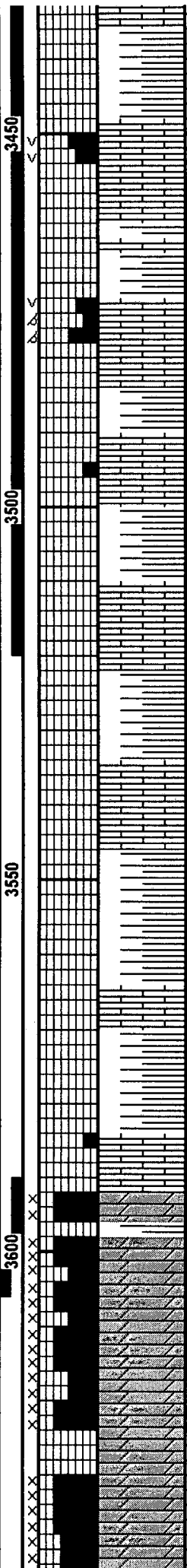
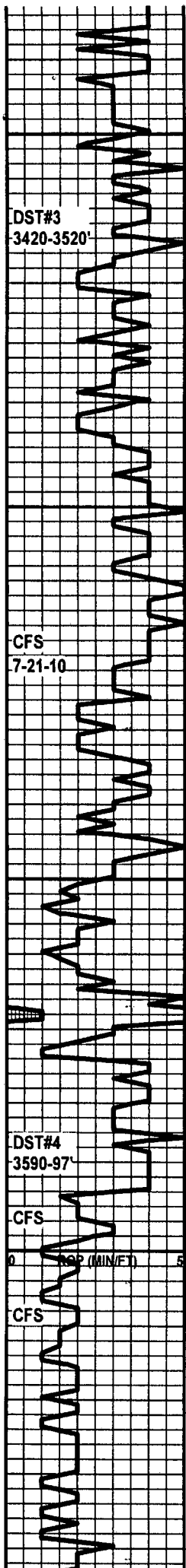
LS wh,v chalky,sl foss,p por,ns

LS buff,v hd,dns,sl chalky,crptoxln/ thin SH aa

LS wh,buff,frm,v foss,ool,fr-good moldic por,ns

LS buff,v hd,dns, crptoxln

HEEBNER 3268(-1237) S 3266(-1235) L	
DST#1 3320-50' 30-60-90-90" IH 1670 IF 18-44 (bob in 8.5") ISI 190 FF 46-91 (bob in 20") FSI 182 FH 1589 REC: 126'MUD & 63'WATERY MUD (60%W & 40%M)	
LANSING A 3312(-1281) S 3314(-1283) L	
B ZONE 3332(-1301) S 3334(-1303) L	
MUD DATA 3350' WT 9.1 VIS 56 FL 9.1 PH 12.0 CK 1 CL 4000	
C ZONE 3360(-1329) S 3360(-1329) L	
DST#2 3350-80' 30-60-30-60" IH 1687 IF 16-17 ISI 44 FF 17-16 FSI 30 FH 1641 REC: 1' MUD	
D ZONE 3366(-1335) S 3366(-1335) L	
E ZONE 3377(-1346) S 3378(-1347) L	
G ZONE 3400(-1369) S 3394(-1363) L	
TG, C1,C5 1 10 100 1000	



LS aa v hd,dns

SH aa

LS buff,sl hd,sl ool, p-fr vuggy por,spty brn stn,good cut & odor,fr show free oil

LS buff,v hd,dns/ thin SH aa

LS wh,frm,ool,sl chalky,p-fr moldic & vuggy por,spty brn stn,good cut & odor

LS buff,v hd,dns,ns

SH aa

LS pale gy,hd,gran, foss,sl chalky,p por,tr stn,p cut

SH gy gn,gn,frm,fiss

LS buff,v hd,dns,ns,abnt chalky

SH aa

LS crm,hd,dns,foss/ thin interbedded SH aa

SH gn,red,frm,arg

LS buff,v hd,dns

SH aa

LS buff,v hd,ool, dns,tr p p-p vuggy por,v spty stn,p cut,faint odor

DOL buff,frm,micro- sucrosic tex,good interxln por,even brn stn,v good cut & odor,good show free oil/

DOL aa / good por,even stn,good cut, good odor & free oil

DOL buff,v hd,dns, p por,ns

DOL buff,frm,micro- sucrosic tex,good interxln por,v spty dd stn,wk cut, no odor / dns

		WI 9.1 VIS 54 FL 8.8 PH 11.8 CK 1 CL 3600
H ZONE	3447(-1416) S 3446(-1415) L	DST#3 3420-3520' 30-60-90-90" IH 1692 IF 18-39 (bob in 18") ISI 539 FF 48-71 (bob in 12") FSI 678 FH 1637 REC: 915' GIP, 5' SOCM(5%O) & 122'OCGM(25% G,20%O & 55%M)
I ZONE	3472(-1441) S 3470(-1439) L	
J ZONE	3490(-1459) S 3986(-1455) L	
K ZONE	3509(-1478) S 3510(-1479) L	
		MUD DATA 3521' WT 9.2 VIS 51 FL 8.6 PH 11.5 CK 1 CL 4000
BKC	3546(-1515) S 3550(-1519) L	
		DST#4 3590-97' 30-60-90-90" IH 1860 IF 19-145 (bob in 7") ISI 1166(3"blw) FF 152-371(bob in 7") FSI 1159(no blw) FH 1665 REC: 310'GIP,868 'GASSY OIL,62' HOCGM(10%G,3 0%O & 60%M) & 62'SOCMW(5%O, 80%W & 15%M)
MARMATON	3584(-1553) S 3582(-1551) L	
ARBUCKLE	3592(-1561) S 3592(-1561) L	
		TG, C1-C5
	1 10 100 1000	
	7-22-10	
		DST#5 3598-3605' 30-60-90-90" IH 1775 IF 29-282 (bob in 5") ISI 1160(wk blw blt to 3") FF 285-696 (bob in 4") FSI 1152(wk blw dd in 45") FH 1725 REC: 139'GIP,234 CO, 77'VSOCWM (2%O,48%W & 50 %M)

DST#5  
3598-3605'

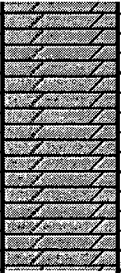


7-23-2010

3700

3750

00



DOL buff, v hd, dns, ns

RTD 3675  
LTD 3680

20%M) & 1116'W