



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1081264
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: _____

1081264

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> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	BEREXCO LLC
Well Name	Benson 10
Doc ID	1081264

All Electric Logs Run

Dual Compensated Porosity Log
Dual Induction log
Borehole Compensated Sonic Log
Microresistivity Log

Form	ACO1 - Well Completion
Operator	BEREXCO LLC
Well Name	Benson 10
Doc ID	1081264

Tops

Name	Top	Datum
Anhydrite	1716	+539
Anhydrite (base)	1751	+504
Topeka	3194	-939
35' Topeka	3222	-967
Heebner	3399	-1144
Toronto	3423	-1168
Lansing A	3438	-1183
Lansing B	3478	-1223
Lansing C	3494	-1239
Lansing E	3512	-1257
Lansing F	3521	-1266
Lansing G	3532	-1277
Lansing H	3570	-1315
Lansing I	3592	-1337
Lansing K	3624	-1369
Marmaton	3682	-1427
Arbuckle	3730	-1475

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 15, 2012

Bruce Meyer
BEREXCO LLC
2020 N. BRAMBLEWOOD
WICHITA, KS 67206-1094

Re: ACO1
API 15-065-23820-00-00
Benson 10
SW/4 Sec.15-09S-21W
Graham 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,
Bruce Meyer

ALLIED OIL & GAS SERVICES, LLC 056926

Federal Tax I.D.# 20-5975804

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

SERVICE POINT: Russell

DATE <u>3-13-12</u>	SEC. <u>15</u>	TWP. <u>9S</u>	RANGE <u>21</u>	CALLED OUT	ON LOCATION	JOB START <u>10:30</u>	JOB FINISH <u>11:00</u>
LEASE <u>Benson</u>	WELL # <u>17</u>	LOCATION <u>Palos, Church 1 W, 2 N</u>			COUNTY <u>Grehan</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)		<u>E. Ints</u>					

CONTRACTOR Berexco

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 331

CASING SIZE 8 3/8 2 1/2 DEPTH 340-23

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT 15'

CEMENT LEFT IN CSG. 15'

PERFS.

DISPLACEMENT 20.5 bbl

OWNER

CEMENT AMOUNT ORDERED 225 sk

3% LL

27.6 gal

COMMON	<u>225</u>	@	<u>16.25</u>	<u>3656.25</u>
POZMIX		@		
GEL	<u>4</u>	@	<u>21.25</u>	<u>85.00</u>
CHLORIDE	<u>8</u>	@	<u>58.20</u>	<u>465.60</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>237</u>	@	<u>2.25</u>	<u>533.25</u>
MILEAGE	<u>237 x 7.2 x .11</u>			<u>1877.04</u>
TOTAL				<u>6,617.14</u>

EQUIPMENT

PUMP TRUCK # 409 CEMENTER Todd Bob S. HELPER Tony

BULK TRUCK # 37B DRIVER Ron

BULK TRUCK # DRIVER

REMARKS:

ran 10 new lbs of 2 1/2" casing at site 330

received analysis cement at 225 sk

3% LL label displaced 20.5 bbl / 120 +

slit in

Cement did evaluate to surface

THANKS

CHARGE TO: Berexco

STREET

CITY STATE ZIP

SERVICE

DEPTH OF JOB 300-1000 +

PUMP TRUCK CHARGE 1,125.00

EXTRA FOOTAGE 31 @ .95 29.45

MILEAGE MIHV 72 @ 7.00 504.00

MANIFOLD MPLV 72 @ 4.00 288.00

TOTAL 1946.45

PLUG & FLOAT EQUIPMENT

TOTAL 0

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 Miguel Salinas

SIGNATURE [Signature]

SALES TAX (If Any)

TOTAL CHARGES 8,363.59

DISCOUNT 20/50 2517.43 IF PAID IN 30 DAYS

ALLIED OIL & GAS SERVICES, LLC 056365

Federal Tax I.D.# 20-5975804

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

MAR 27 2012

WELL FILE

SERVICE POINT:

Russell Ks.

DATE <u>3-25-12</u>	SEC. <u>15</u>	TWP. <u>9 S</u>	RANGE <u>21W</u>	CALLED OUT	ON LOCATION	JOB START <u>6:30 AM</u>	JOB FINISH <u>9:00 AM</u>
LEASE <u>Benson</u>		WELL # <u>10</u>		LOCATION <u>CHURCH OF GOD 1W 2N</u>		COUNTY <u>GRANHAM</u>	STATE <u>KS.</u>
OLD OR NEW (Circle one)							

CONTRACTOR <u>BREDCO DRIG. Rig #10</u>	
TYPE OF JOB <u>PRODUCTION STRING 2-Stage</u>	
HOLE SIZE <u>7 7/8</u>	T.D. <u>3879'</u>
CASING SIZE <u>5 1/2 New</u>	DEPTH <u>3879</u>
TUBING SIZE <u>1.5 SA#</u>	DEPTH
DRILL PIPE <u>DV TOOL @</u>	DEPTH <u>1750'</u>
TOOL LATCH <u>Down Plug</u>	DEPTH @ <u>3792'</u>
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT <u>84.48</u>
CEMENT LEFT IN CSG. <u>84.48</u>	
PERFS.	
DISPLACEMENT <u>90 3/4 BBL</u>	<u>41 3/4 BBL</u>

OWNER

CEMENT

AMOUNT ORDERED <u>150 SX</u>	<u>40 6% GEL</u>	<u>1/4" # FLO. SEAL</u>
<u>150 SX ASC. 6" GILSONITE PER SX.</u>		
<u>450 SX 40 4% GEL 1/4" FLO. SEAL PER SX</u>		
<u>500 GAL. WFR-2 MUD FLUSH</u>		
COMMON	<u>SX</u>	@
POZMIX	<u>SX</u>	@
GEL	<u>SX</u>	@
CHLORIDE		@
ASC	<u>150 SX</u>	@
FLO. SEAL	<u>LBS</u>	@
GILSONITE	<u>LBS</u>	@
HANDLING <u>TOTAL SX @ 2.25</u>		
MILEAGE <u>Ton Mile @ 11¢</u>		

EQUIPMENT

PUMP TRUCK # <u>417</u>	CEMENTER <u>Colman G.</u>
BULK TRUCK # <u>481</u>	HELPER <u>Wendy D.</u>
BULK TRUCK # <u>378</u>	DRIVER <u>ROBERT V.</u>
	DRIVER <u>CHRIS G.</u>

REMARKS:

30 SX @ RTMIE
15 SX @ mouse hole
Ran 93 IT'S of New 1.5 SA# CSG.
Set @ 3879. Circ. 1 HR on Bottom After
Dropping Ball for AFU. Pump mud flush.
150 SX 40 6% gel 1/4" FLO. FOLLOWED BY
150 SX ASC. 6" GILSONITE PER SX. One Line
Release LATCH Down Plug. Displace 90 3/4 BBL
1 1/2" Land Plug @ 1800 ft. Drop Next 4
Open DV Tool. Circ. 1 HR. Cement Top
w/ 405 SX 40 4% GEL 1/4" FLO. SEAL. Release Top
plug & Displace 41 3/4 BBL. Land @ 1800 ft. (Head)

CHARGE TO: BORAXO LLC.
STREET _____
CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB	_____
PUMP TRUCK CHARGE	_____
EXTRA FOOTAGE	@ _____
MILEAGE <u>HUME</u>	@ _____
MANIFOLD	@ _____
	@ _____
	@ _____

TOTAL _____

PLUG & FLOAT EQUIPMENT

<u>14 TURBO-CENTRALIZERS</u>	_____
<u>DV. Tool</u>	@ _____
<u>Guide Shoe Cement Hose</u>	@ _____
<u>1 1/2" INSERT</u>	@ _____
<u>1-Limit Clamp</u>	@ _____
<u>LATCH Down Plug Assy</u>	@ _____
<u>2-BASKETS</u>	@ _____

TOTAL _____

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS

PRINTED NAME _____

SIGNATURE Dennis Rines

LITHOLOGY STRIP LOG

WellSight Systems

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

Well Name: **BENSON # 10**
 Location: **NENWSWSW SECTION 15 9S-21W GRAHAM COUNTY,KS.**
 Licence Number: **15-065-23820** Region: **MIDCONTINENT**
 Spud Date: **3-17-2012** Drilling Completed: **3-24-2012**
 Surface Coordinates: **1280' FSL & 430' FWL**

Bottom Hole Coordinates:
 Ground Elevation (ft): **2244** K.B. Elevation (ft): **2255**
 Logged Interval (ft): **3000** To: **3880** Total Depth (ft): **3880**
 Formation: **LKC, ARBUCKLE, REAGAN AND GRANITE WASH**
 Type of Drilling Fluid: **FRESH GEL**

Printed by MUD.LOG from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: **BEREXCO, LLC.**
 Address: **2020 N. BRAMBLEWOOD
 WICHITA, KANSAS 67206**

GEOLOGIST

Name: **WILLIAM B. BYNOG**
 Company:
 Address: **P.O. BOX 687
 PINECLIFFE, CO. 80471
 303-642-3681 OFFICE**

SURVEYs


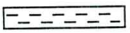
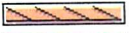
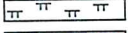
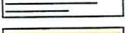
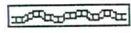


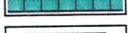
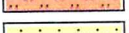
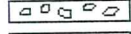
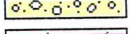

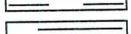
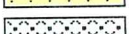


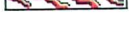
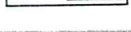
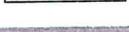
DSTs

DST # 1 3652-3736

Comments

SET 5 1/2 PRODUCTION PIPE

ROCK TYPES

 Anhy	 Clyst	 Gyp	 Mrlst	 Shgy
 Bent	 Coal	 Igne	 Salt	 Sltst
 Brec	 Congl	 Lmst	 Shale	 Ss
 Cht	 Dol	 Meta	 Shcol	 Till

ACCESSORIES

MINERAL

-  **Anhy**
-  **Arggrn**
-  **Arg**
-  **Bent**
-  **Bit**
-  **Brecfrag**
-  **Calc**
-  **Carb**
-  **Chtdk**
-  **Chtlt**
-  **Dol**
-  **Feldspar**
-  **Ferrpel**

-  **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**

-  **Ostra**
-  **Pelec**
-  **Pellet**
-  **Pisolite**
-  **Plant**
-  **Strom**

STRINGER

-  **Anhy**
-  **Arg**
-  **Bent**
-  **Coal**
-  **Dol**
-  **Gyp**

-  **Sltstrg**
-  **Ssstrg**

TEXTURE

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



Feldspar
Ferrpel
Ferr
Glau



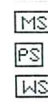
Sulphur
Tuff



Foram
Fossil
Gastro
Oolite



Dol
Gyp
Ls
Mrst



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

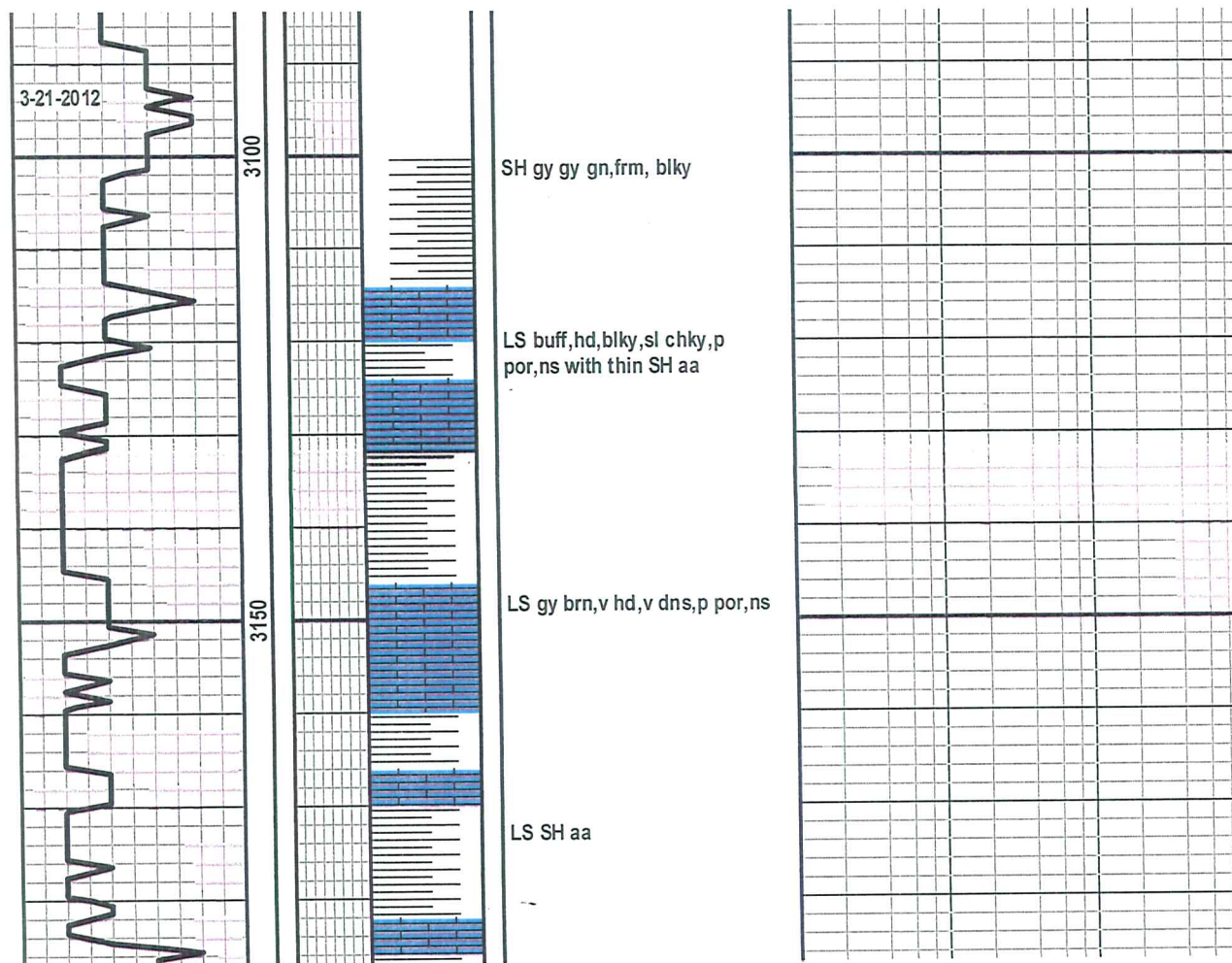
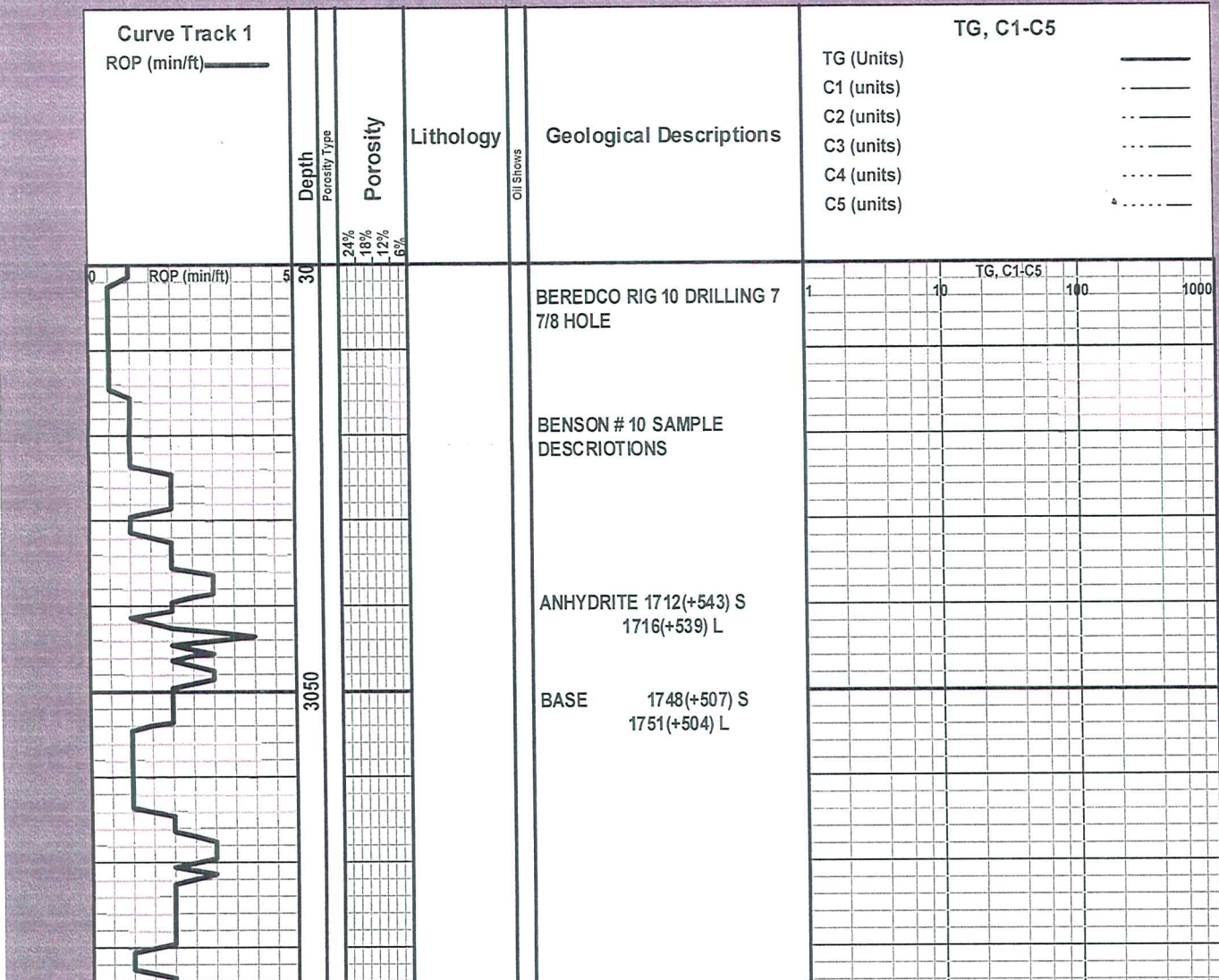
- Spotted
- Ques
- Dead

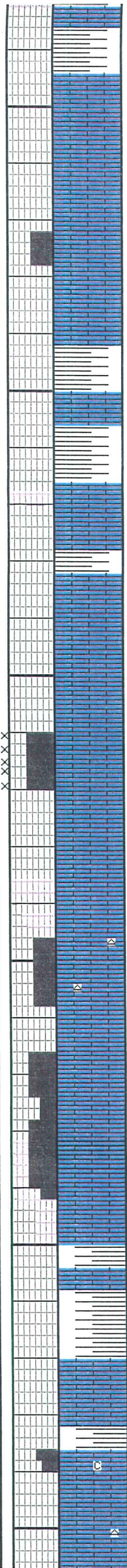
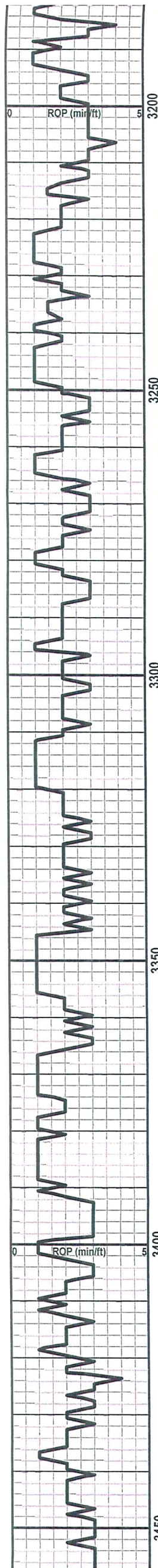
EVENT

- Rft
- Sidewall

INTERVAL

- Dst
- Dst





LS buff,v hd,dns,v foss,p
por,ns

LS wh,frm,v foss, sl chky,fr intg
por,ns

LS buff,hd,blk,y,foss, dns,p
por,ns

SH gy,gy gn,frm, slty, with thin
LS aa

LS gy brn,buff,v hd, foss,dns,p
por,ns with thin SH aa

LS wh,frm,v foss,sl chky,fr intg
por,ns

LS gy brn,v hd,dns,ns

LS wh,frm,foss,sl chky,fr
por,ns abnt Cht wh

LS aa dns,ns

LS wh,frm,foss, chky,fr por,ns

LS aa v hd,dns,ns

SH gy blk,blk,carb,fiss

SH red,gn,gy,frm, arg,with thin
LS wh,v hd,dns

LS wh,buff,v hd,foss, p por,ns

SH aa

LS wh,frm,v chky,p por,ns,abnt
Cht wh

LS wh,buff,hd,ns,ns

TOPEKA
3194(-939) S
3194(-939) L

TG, C1-C5

MUD DATA 3200'
WT 8.8 VIS 52
FL 7.7 Ph 11.5
CK 1 CL 1000

35' TOPEKA
3222(-967) S
3222(-967) L

HEEBNER
3399(-1144) S
3399(-1144) L

TORONTO
3420(-1165) S
3423(-1168) L

LANSING A
3436(-1181) S
3438(-1183) L

**BEREXCO, LLC.
BENSON # 10
SWSW SECTION 15 9S-21W
GRAHAM COUNTY, KANSAS**

**GEOLOGIST
WILLIAM B. BYNOG**

RESUME

OPERATOR:	BEREXCO, LLC.
WELL NAME & NUMBER:	BENSON # 10
LOCATION:	SWSW SECTION 15 9S-21W
COUNTY:	GRAMHAM
STATE:	KANSAS
SPUD DATE: 3-17-2012	COMPLETION DATE: 3-24-1012
ELEVATIONS:	GL: 2244 KB: 2255
CONTRACTOR:	BEREDCO RIG 10
LOGS: LOG TECH	TYPES: DUAL INDUCTION, COMPENSATED NEUTRON, MICRO & SONIC LOGS
WELLSITE ENGINEER:	NONE
MUD COMPANY:	ANDY'S MUD
MUD TYPE & ENGINEER:	FRESH CHEMICAL
GEOLOGIST:	WILLIAM B.BYNOG
HOLE SIZE:	7 7/8
MUD LOGGING BY:	NONE
DRILL STEM TEST COMPANY:	TRILOBITE
DRILL STEM TEST:	DST # 1 3652-3736'
WELL STATUS:	SET 5 ½ PRODUCTION PIPE

BENSON # 10 SAMPLE DESCRIPTIONS
BEREDCO RIG 10 DRILLING 7 7/8 HOLE

BENSON # 10 SAMPLE DESCRIPTIONS

ANHYDRITE 1712(+543) S
1716(+539) L

BASE 1748(+507) S
1752(+503) L

3100-15 SHALE gray gray green,firm,blocky

3115-45 LIMESTONE buff,hard,blocky,slightly chalky,poor porosity,no shows with thin SHALE as above

3145-60 LIMESTONE gray brown,very hard,very dense,poor porosity,no shows

3160-94 LIMESTONE SHALE as above

TOPEKA

3194-3222 LIMESTONE buff,very hard,dense,very fossils,poor porosity,no shows

35' TOPEKA

3222-30 LIMESTONE white,firm,very fossils, slightly chalky,fair intergranular porosity,no shows

BENSON # 10 SAMPLE DESCRIPTIONS

3230-40 LIMESTONE buff,hard,blocky,fossils,dense,poor porosity,no shows

3240-65 SHALE gray,gray green,firm,silty with thin LIMESTONE as above

3265-3310 LIMESTONE gray brown,buff,very hard,fossils,dense,poor porosity,no shows with thin SHALE as above

3310-20 LIMESTONE white,firm,very fossils,slightly chalky,fair intergranular porosity,no shows

3320-45 LIMESTONE gray brown,very hard,dense,no shows

PLATTSMOUTH

3345-56 LIMESTONE white,firm,fossils,slightly chalky,fair porosity,no shows abundant Chert white

3356-66 LIMESTONE as above dense,no shows

3366-92 LIMESTONE white,firm,fossils, chalky,fair porosity,no shows

3392-3400 LIMESTONE as above very hard,dense,no shows

HEEBNER

3400-04 SHALE gray black,black,carbonaceous,fissile

3404-20 SHALE red,green,gray,firm,argillaceous,with thin LIMESTONE white,very hard,dense

BENSON # 10 SAMPLE DESCRIPTIONS

TORONTO

3420-30 LIMESTONE white, buff, very hard, fossils, poor porosity, no shows

3430-36 SHALE as above

LANSING A

3436-48 LIMESTONE white, firm, very chalky, poor porosity, no shows, abundant Chert white

3448-66 LIMESTONE white, buff, hard, poor porosity, no shows

3466-75 SHALE as above

B ZONE

3475-81 LIMESTONE white, slightly hard, oolites, slightly chalky, sandy, fair to good vuggy porosity, spotty light brown stain, good cut, faint odor, nsfo

3481 to 86 LIMESTONE very hard, dense as above

3486-96 SHALE as above

C ZONE

3496-3506 LIMESTONE white, hard, chalky, slightly oolites, poor vuggy porosity, spotty brown stain, good cut

3506-12 SHALE red, green, soft, argillaceous

BENSON # 10 SAMPLE DESCRIPTIONS

E ZONE

3510-14 LIMESTONE white,hard,slightly fossils,poor intergranular porosity,very spotty brown stain,fair cut

3514-20 SHALE as above

F ZONE

3520-22 LIMESTONE as above,very spotty stain,fair cut

3522-32 LIMESTONE buff,very hard,dense,no shows

G ZONE

3532-38 LIMESTONE white,firm,very oolites,fair to good intergranular porosity,spotty brown live stain,good cut,psfo

3538-60 LIMESTONE buff,very hard,dense,no shows

3560-70 SHALE as above some black,carbonaceous

H ZONE

3570-80 LIMESTONE buff,very hard,dense,trace rare faint brown stain,poor cut

3580-92 SHALE var color as above

I ZONE

BENSON # 10 SAMPLE DESCRIPTIONS

3592-3600 LIMESTONE buff,very hard,dense,trace light brown stain,poor cut

J ZONE

3600-14 LIMESTONE white,buff,very hard,dense,no shows

3614-20 SHALE as above

K ZONE

3620-30 LIMESTONE white,firm,oolites,poor to fair intergranular porosity,spotty brown stain,good cut,show free oil

3630-40 LIMESTONE buff,very hard,dense,abundant Chert white with thin SHALE as above

L ZONE

3640-56 LIMESTONE pale gray,very hard,dense,no shows

3656-78 SHALE as above abundant Chert white,orange

MARMATON

3678-84 LIMESTONE white,firm,oolites,slightly chalky,poor to fair intergranular porosity,spotty brown stain,good cut,no free oil

3684-96 LIMESTONE buff,pale gray,very hard,dense,no shows abundant Chert as above

3796-3708 LIMESTONE white,firm,fossils chalky,poor to fair intergranular and vuggy porosity,spotty brown stain,good cut,show free oil

BENSON # 10 SAMPLE DESCRIPTIONS

3708-15 LIMESTONE white, buff, very hard, dense, no shows

3715-32 SHALE ble, firm, fissile, dism pyrite with strngs LIMESTONE white, firm, oolites, poor to fair intg porosity, spotty brown stain, good cut, show free oil

ARBUCKLE

3732-40 DOLOMITE buff, slightly hard, microsucrosic texture, fair to good intercrystalline porosity, even brown stain, very good cut and odor, very good show free oil

3740-62 DOLOMITE as above good porosity, very good cut and odor, good show free oil with interbedded DOLOMITE buff, very hard, dense no shows

3762-80 DOLOMITE as above, fair to gd crystalline porosity, even brown live stain, very good cut and odor, good show free oil with interbedded DOLOMITE very hard, very dense, no shows abundant Chert white

3780-04 DOLOMITE buff, very hard, poor to fair vuggy porosity, spotty brown live stain, good cut and odor, show free oil with bedded DOLOMITE as above very hard, dense, no shows abundant Chert as above white

3804-32 DOLOMITE buff, very hard, dense, as above with stringers DOLOMITE buff, firm, microsucrosic, fair to good live brown spotty stain, very good cut, good show free oil

3832-52 DOLOMITE buff, very hard, dense, no shows, abundant Chert white with stringers DOLOMITE buff, firm, poor to fair crystalline porosity, very spotty brown stain, good cut, no free oil

BENSON # 10 SAMPLE DESCRIPTIONS

3852-80 DOLOMITE buff,very hard,dense, poor to fair crystalline porosity,no shows some scattered spotty dead stain,poor cut

RTD 3880'

LTD 3884'



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco LLC

15-9s-21w

2020 N Bramblewood
Wichita Ks 67206

Benson #10

Job Ticket: 44809

DST#: 1

ATTN: Bruce Meyer

Test Start: 2012.03.22 @ 23:26:58

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

25 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
542.00	HOCGM 10%G 25%O 65%M	2.665
194.00	SOCM 10%O 90%M	2.721
252.00	HOCM 30%O 70%M	3.535
378.00	GOCM 25%G 10%O 65%M	5.302
1134.00	GMCO 40%G 50%O 10%M	15.907

Total Length: 2500.00 ft

Total Volume: 30.130 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8321

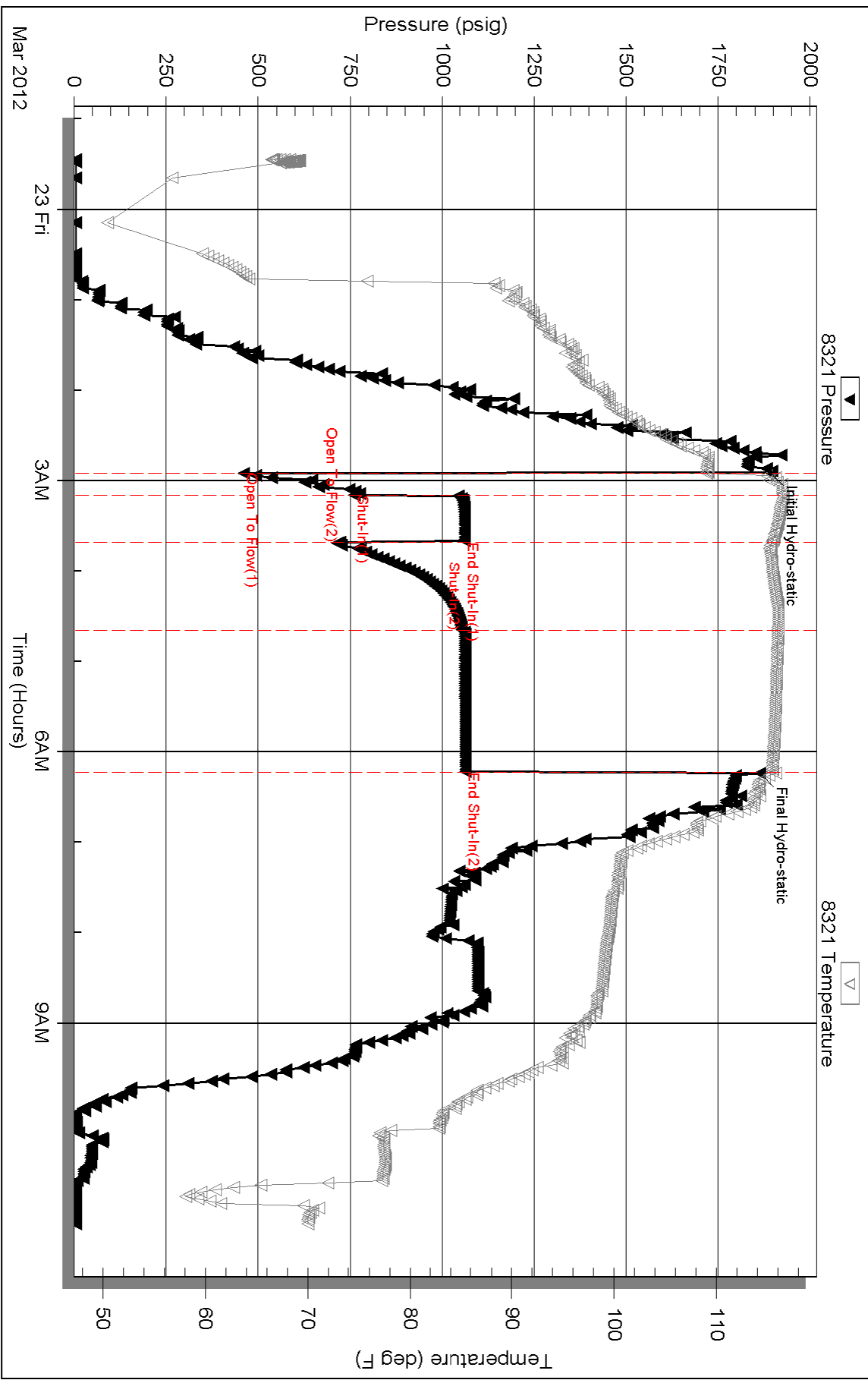
Inside

Berexco LLC

Benson #10

DST Test Number: 1

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 44809

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