



WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

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

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

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

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

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

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR. _____ Producing Method:
 Flowing Pumping Gas Lift Other (Explain) _____

Estimated Production Per 24 Hours	Oil Bbbs.	Gas Mcf	Water Bbbs.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	BEREXCO LLC
Well Name	Sheila 1
Doc ID	1053490

Tops

Name	Top	Datum
Anhydrite	1496	+882
Heebner	3964	-1586
Lansing/KS City	4057	-1679
Hushpuckney shale	4342	-1964
Marmaton	4410	-2032
Altamont	4436	-2058
Pawnee	4488	-2110
Ft. Scott	4518	-2140
Cherokee shale	4552	-2174
Mississippi	4629	-2251
permiabie Mississippi	4642	-2264
Total Depth	4711	-2333

Summary of Changes

Lease Name and Number: Sheila 1

API/Permit #: 15-083-21673-00-00

Doc ID: 1053490

Correction Number: 1

Approved By: NAOMI JAMES

Field Name	Previous Value	New Value
Approved Date	01/07/2011	04/12/2011
Date or First or Resumed Production or SWD or Enhr Field Name		02/03/2011 Wildcat
Method Of Completion - Perf	No	Yes
Perf_Depth_1		4644-4650.5
Perf_Material_1		natural - no acid
Perf_Record_1		4644-4650.5 (Mississippi)
Perf_Shots_1		4
Plug Back Total Depth		4667
Producing Method Pumping	No	Yes

Summary of changes for correction 1 continued

Field Name	Previous Value	New Value
Production - Barrels Oil		43
Production - Barrels of Water		18
Production - MCF Gas		0
Production - Oil Gravity		33
Production Interval #1		4644-4650.5
Save Link	../../../../kcc/detail/operatorEditDetail.cfm?docID=1048949	../../../../kcc/detail/operatorEditDetail.cfm?docID=1053490
Tubing Packer At		no pkr
Tubing Record - Set At		SN @ 4402
Tubing Size		2.875



CONFIDENTIAL

WELL COMPLETION FORM

Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
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- 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

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

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



1048949

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

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

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
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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
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	BEREXCO LLC
Well Name	Sheila 1
Doc ID	1048949

Tops

Name	Top	Datum
Anhydrite	1496	+882
Heebner	3964	-1586
Lansing/KS City	4057	-1679
Hushpuckney shale	4342	-1964
Marmaton	4410	-2032
Altamont	4436	-2058
Pawnee	4488	-2110
Ft. Scott	4518	-2140
Cherokee shale	4552	-2174
Mississippi	4629	-2251
permiabile Mississippi	4642	-2264
Total Depth	4711	-2333



*Mark Parkinson, Governor
Thomas E. Wright, Chairman
Joseph F. Harkins, Commissioner
Ward Loyd, Commissioner*

January 05, 2011

Dana Wreath
BEREXCO LLC
2020 N. BRAMBLEWOOD
WICHITA, KS 67206-1094

Re: ACO1
API 15-083-21673-00-00
Sheila 1
SW/4 Sec.17-23S-21W
Hodgeman 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

ALLIED CEMENTING CO., LLC. 041993

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:
Russell KS

DATE <u>9-25-10</u>	SEC. <u>17</u>	TWP. <u>23</u>	RANGE <u>21</u>	CALLED OUT	ON LOCATION	JOB START <u>9:30am</u>	JOB FINISH <u>10:00am</u>
LEASE <u>Sheila</u>	WELL # <u>1</u>	LOCATION <u>Hwy 156 east of Houston South 7 mile</u>			COUNTY <u>Hodgman</u>	STATE <u>KS</u>	
OLD OR <u>(NEW)</u> (Circle one)			on R ₂₃₃ to K Rd 1W to 232 Rd 1 South West into				

CONTRACTOR <u>Beredco Rig #2</u>	OWNER
TYPE OF JOB <u>Surface</u>	
HOLE SIZE <u>12 1/4</u>	T.D. <u>288</u>
CASING SIZE <u>8 5/8</u>	DEPTH <u>288</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG. <u>15'</u>	
PERFS.	
DISPLACEMENT <u>17.38</u>	

EQUIPMENT

PUMP TRUCK # <u>417</u>	CEMENTER <u>John Roberts</u>
	HELPER <u>Glenn</u>
BULK TRUCK # <u>410</u>	DRIVER <u>Richard TWS</u>
BULK TRUCK #	DRIVER

REMARKS:

Est. Circulation
Mix 180 sk cement
Displace w/ 17.3861 H₂O
Cement Did Circulate!

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

CEMENT			
AMOUNT ORDERED	<u>180 com 3% cc 2% Gel</u>		
COMMON	<u>180</u>	@ <u>13.50</u>	<u>2430.00</u>
POZMIX		@	
GEL	<u>3</u>	@ <u>20.25</u>	<u>60.75</u>
CHLORIDE	<u>6</u>	@ <u>51.50</u>	<u>309.00</u>
ASC		@	
		@	
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	<u>180</u>	@ <u>2.25</u>	<u>405.00</u>
MILEAGE	<u>.10/sk/mile</u>		<u>648.00</u>
TOTAL			<u>3852.75</u>

SERVICE

DEPTH OF JOB		
PUMP TRUCK CHARGE		<u>991.00</u>
EXTRA FOOTAGE	@	
MILEAGE	<u>36</u>	@ <u>7.00</u> <u>252.00</u>
MANIFOLD	@	
	@	
	@	
TOTAL		<u>1243.00</u>

PLUG & FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	
TOTAL		

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

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 Gilbert Davila Jr
SIGNATURE [Signature]

ALLIED CEMENTING CO., LLC. 042000

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:
Great Bend KS
Bottom 5:45am 6:30am

DATE <u>10-6-10</u>	SEC. <u>17</u>	TWP. <u>23</u>	RANGE <u>21</u>	CALLED OUT	ON LOCATION <u>Top</u>	JOB START <u>12:30pm</u>	JOB FINISH <u>1:15pm</u>
LEASE <u>Sheila</u>	WELL # <u>1</u>	LOCATION <u>Hwy 156 East of Hanston South</u>			COUNTY <u>Hodgman</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)				<u>7 mile on Rd 233 to Rd 1W to 232 Rd 1 South West into</u>			

CONTRACTOR Beredco Rig #2
 TYPE OF JOB DV Production String
 HOLE SIZE 7 7/8 T.D. 4710'
 CASING SIZE 5 1/2 15.5 # DEPTH 4712'
 TUBING SIZE DEPTH
~~DRILL PIPE~~ Latch Down Baffle DEPTH 4670'
 TOOL DV Tool DEPTH 2850'
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT 42'
 CEMENT LEFT IN CSG. 42'
 PERFS.
 DISPLACEMENT 111.4 Bbl => Bottom 67.8 Bbl => Top

OWNER
 CEMENT
 AMOUNT ORDERED ~~550~~ 550 Lite 1/4 # Flo
150 com 10% salt 5 #/sk Gilsonite 2% Gel
125 com 10% salt 2% Gel 500 gal WFR-2
 COMMON 275 @ 13.50 3712.50
 POZMIX @
 GEL 5 @ 20.25 101.25
 CHLORIDE @
 ASC @
Salt 11 @ 21.25 233.75
Lite 550 @ 11.85 6517.50
Gilsonite 750 # @ .85 637.50
Flo Seal 137 # @ 2.45 335.65
WFR-2 500 Gal @ 1.10 550.00
 HANDLING 825 @ 2.25 1856.25
 MILEAGE 110/sk/mile 2475.00
 TOTAL 16419.40

EQUIPMENT
 # 423-281 Larene Oakley
 PUMP TRUCK CEMENTER John Roberts
 # 181 HELPER Bob G.B
 BULK TRUCK
 # 456-198 DRIVER Wayen G.B
 BULK TRUCK
 # 473-187 DRIVER Ron Russell
 # 378 Brad TWS

REMARKS:
Ran 4712' 5 1/2 15.5 # Casing. Est Circulation and Circulate
1 hr. on Bottom. Pump 500 gal WFR-2 Mix 200 sk
Lite Cement and tailed w/ 150 com 10% salt 5 # Gilsonite
2% Gel Cement. Displace plug w/ 40 Bbl H2O 70 Bbl
mud 1.2 Bbl H2O (111.2 Bbl Total) Land plug @ 1500 psi
Float did hold. Open DV tool and circulate 4 hrs. Mix
50 sk cement to plug mouse hole and Rat hole. Mix @
300 Lite Cement and tailed w/ 125 com 10% salt 2% Gel
Cement. Displaced w/ 68 Bbl H2O. Land Plug @ 1500 psi.
Cement Did Circulate! 20 sk to pit.
Thank You!

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

SERVICE
 DEPTH OF JOB _____
 PUMP TRUCK CHARGE _____ 1957.00
 EXTRA FOOTAGE @ _____
 MILEAGE 30 @ 7.00 210.00
 MANIFOLD @ _____
 @ _____
 @ _____
 TOTAL 2167.00

5 1/2 PLUG & FLOAT EQUIPMENT
D.V. Tool 2832.00
AFU Float Shoe @ 214.00
1- Cement Baskets @ 161.00
Limit Clamp @ 27.00
11- Centralizers @ 35.00 385.00
Latch Down Plug @ N-C
Thread Lock Compound @ 33.00
 TOTAL 3652.00

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 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 Gilbert Davila Jr
 SIGNATURE Gilbert Davila Jr

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

GEOLOGIST'S REPORT

DRILLING TIME & SAMPLE LOG

COMPANY BEREXCO LLC

LEASE SHEILA NO. 1

LOCATION 2310FSL & 1105

SEC. 17 TWP. 23S RANG. 21W

COUNTY HODGEMAN STATE KANSAS

FIELD WILDCAT

CONTRACTOR BEREDCO DRILG. RIG 2

COMM. 9-23-10 COMP. _____

RTD 4710 LTD _____

No. of DST'S 4 No. of CORES NONE

SAMPLES SAVED FROM 3800 TO TD

DRILLING TIME KEPT FROM 3800 TO TD

SAMPLES EXAMINED FROM 3800 TO TD

GEOLOGICAL SUPERVISION FROM 3800 TO TD

GEOLOGIST ON WELL EDWIN H. GRIEVES

FORMATION TOPS

FORMATION TOPS	SAMPLE	LOG	SUBSEA
ANHYDRITE	1499		
HEEBNER	3967		
LANSING	4062		
HUSHPUCKNEY	4343		
MARMATON	4410		
ALTAMONT	4438		
PAWNEE	4491		
FT. SCOTT	4510		
CHEROKEE	4562		
MISSISSIPPI	4629		

ELEVATIONS

KB 2379

DF 2375

GL 2365

MEASUREMENTS ARE ALL FROM KB

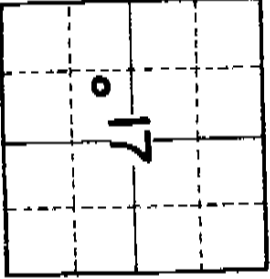
CASING RECORD

8 7/8" of 288 W/ _____ SX.

01 _____ W/ _____ SX.





01 _____ W/ _____ SX.





EL. LOG DIL. CNL/CDL-ML-SONIC



MARKS Earth-Tech had an unmanned gas detection trailer on this well from 2200 feet to total depth.

*Thank you,
Edwin H. Grievess*

 SANDSTONE
 LIMESTONE
 SHALE
 CHERT

 SILTSTONE
 DOLOMITE
 GRANITE WASH
 ANN. & GYP

HOT WIRE BY
 TOTAL GAS VOLUME

C3 = PROPANE
 C4 = ISOBUTANE
 C5 = BUTANE
 C6 = ISOPENTANE
 C7 = PENTANE

DRILL TIME
SCALE

SAMPLE DESCRIPTION

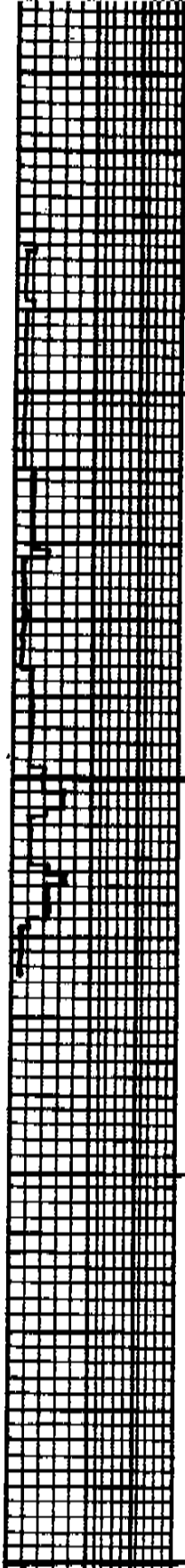
GAS SCALE

5 10 15

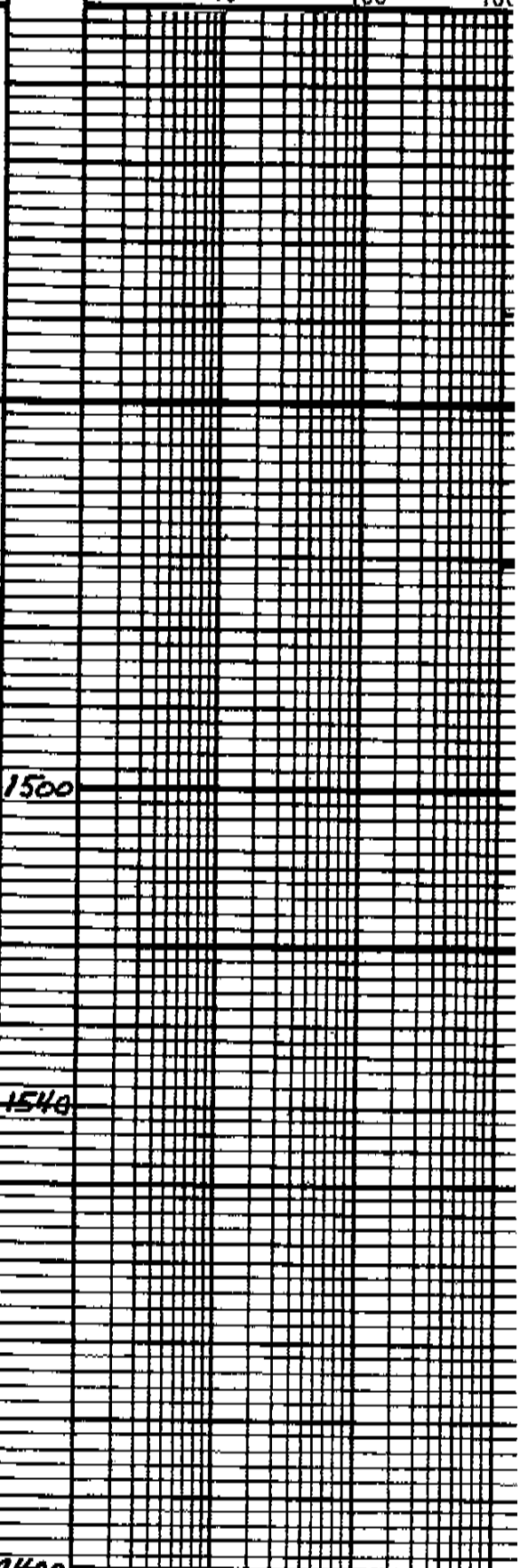
10

100

100



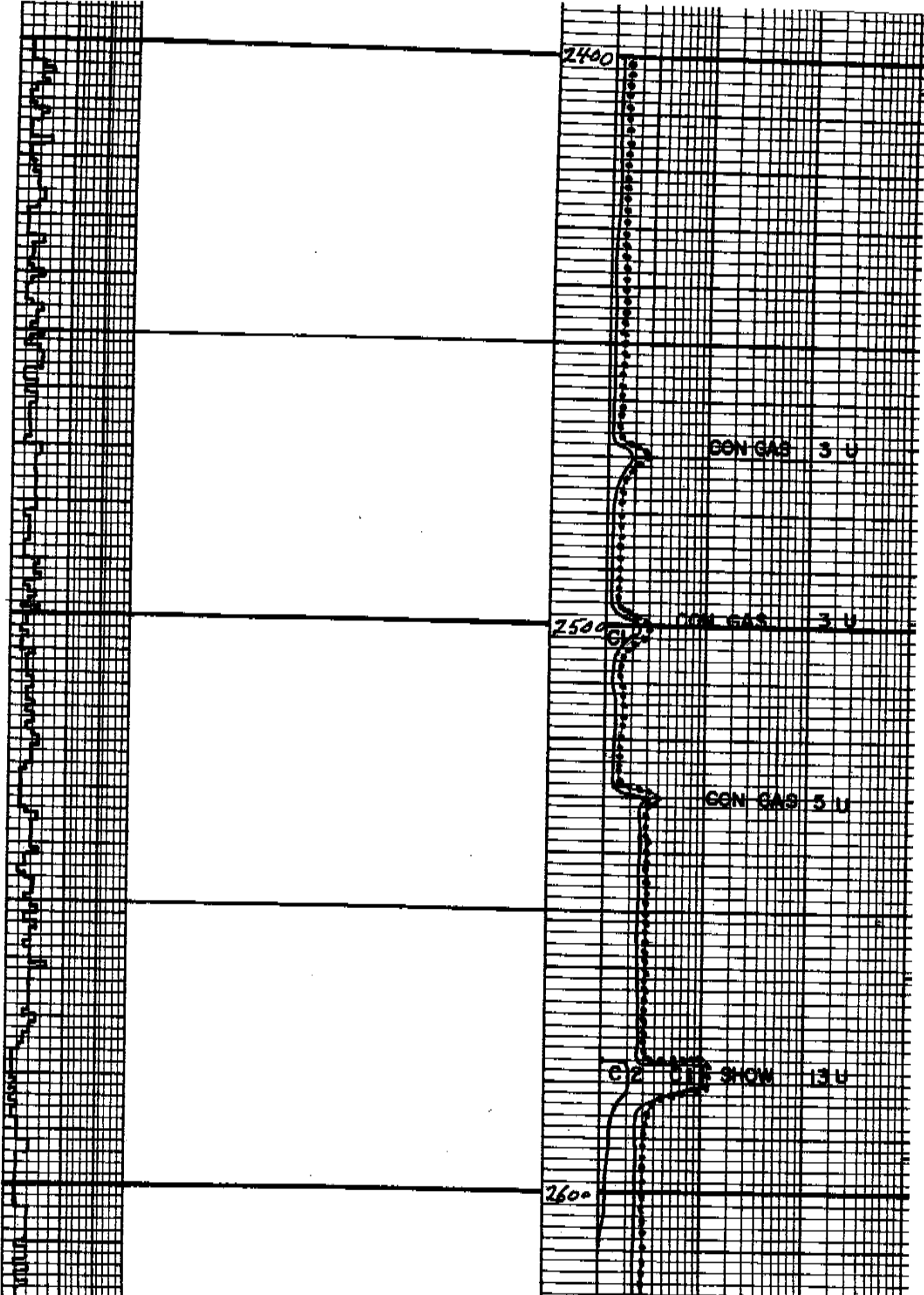
This section is reserved for the sample description. It contains several large, empty rectangular boxes stacked vertically, intended for recording geological observations and sample details.

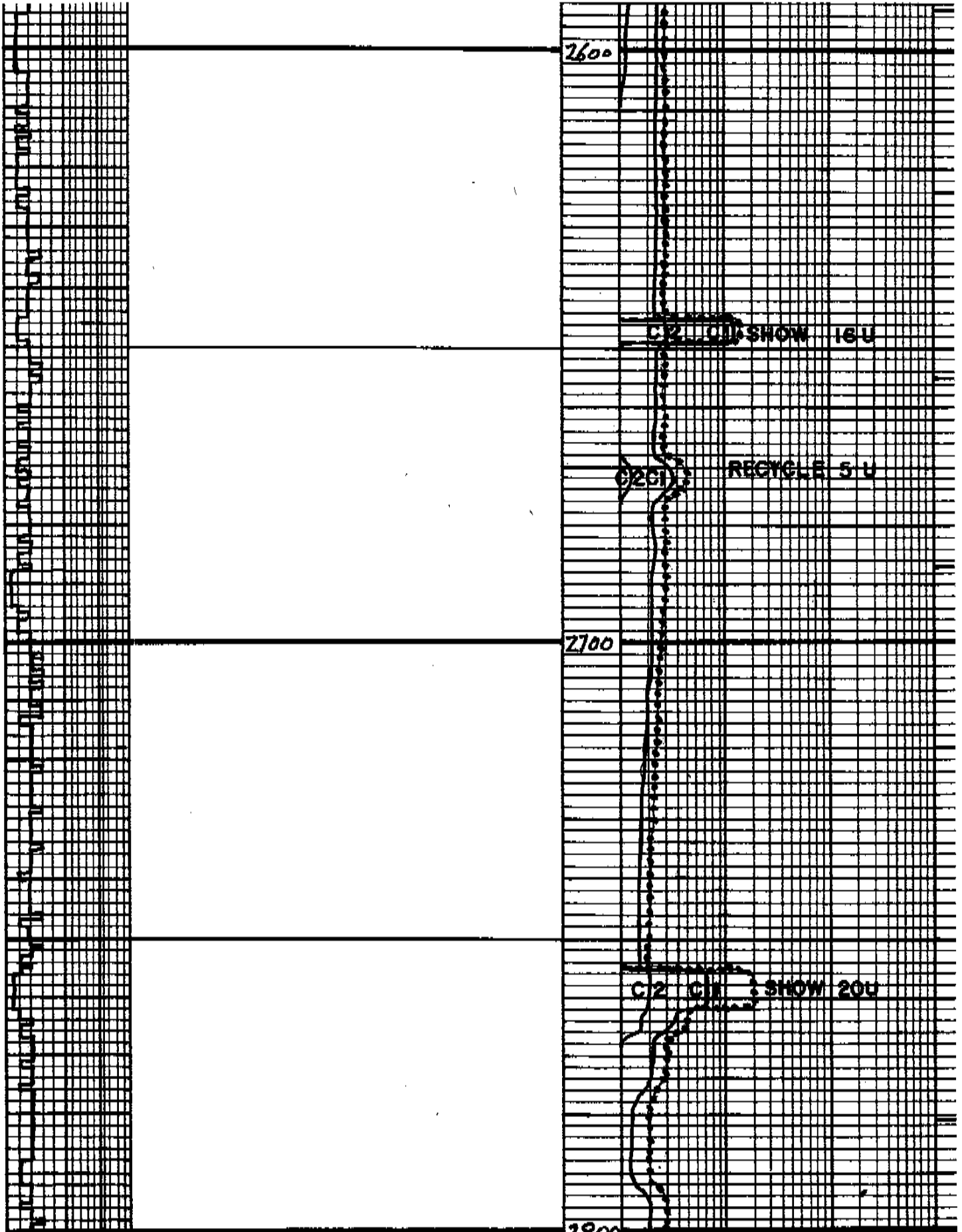


1500

1540

2400





2600

C2 C11 SHOW 16U

RECYCLE 5 U

2700

C2 C11 SHOW 20U

2800

2800

3800

3900

Lms. lt. gray to tan; crypto. to v.u. fu. xlu.
 trs. sub-chlk, sub-sucro + packstn; dul. yel
 fluor. IP's; No lut; No Vis for → Note:
 V. abn. Sh in samp. lt. gray to med gray w/
 some orange & red

Lms. trs. to abn. wht. to crm. chlk +
 lt. gray to tan; crypto. to v.u. fu. xlu.; sub chlk,
 sub-sucro. to sucro + packstn; dul. lt.
 to lt. yel. fluor.; No lut; abn. pr to x.
 and trs. gd to excel. p.p., micro-p.p.
 and prob. interxn pow → Note:
 V. abn. Sh. in samp. lt. to med gray
 w/some orange & red



3900

Lms. similar 3811-3840 w/ TRS Sh.
v. drk gray to black

Sh. v. drk gray to blk - carb
Sh. H. gray to H. green, silty IP's w/ TRS siltstn
H. green to H. gray - Sh. filled
Lms. H. tan, grayish IP's; Crypto. to
U. U. En. xln. TRS. sub-chlk, sub-sucro + packstn
dul. H. yel. fluor. IP's; No Cut; No Vis. Por
Lms. TRS. wht. to crm. chlk + H. tan, grayish IP's
crypto. to v. U. En. xln.; sub-chlk, sub-sucro,
to sucro + TRS. packstn; dul. H. to H. yel. sh. siltstn
No Cut; 2 bu. por. to 6 microp. + pass inter. d. 1000

Heebner
3967-1589
C 2013 BLK. SH. 14 U
Toronto
3980-1600

Sh. H. to med. gray + greenish gray to
grayish greens; sl. to ext. calc IP's

Lms. H. gray, tanish IP's; crypto. to v. U. En. xln
sl. to ext. shly. gradng. to calc. Shs
sub-chlk + or Shly; sub-sucro + packstn;
dul. H. yel. fluor. IP's; No Cut; No Vis. Por

Interbedded lms + thin scattered Shs
① Slower Dalg. Lms. H. gray to tan
crypto. to v. U. En. xln.; TRS. sub-chlk,
sub-sucro + packstn; dul. H. yel.
fluor IP's; No Cut; No Vis. Por
② Faster Dalg. Lms. tan. to abn. wht. to
crm. - chlk + H. tan to tan; sub-chlk,
sub-sucro to sucro + TRS packstn;

dul. H. to H. yel. fluor.; No Cut; 2 bu
pr. to pr. + TRS. gd. micro-pp. por.
w/ Prob. inter. d. por IP's
③ Scattered thin Shales med to drk

4100

Brown Lm
4045-1667
Lansing
4062-1684

Lms. - chlk & lt tan totan; sub-chlk,
 sub-sucro. to sucro. + TRS packsta.
 dul. H. to H. yel. fluor.; No cut; 2 dn
 pr. to pr. + TRS. gd. micro-por. por.
 w/Prob. interval por IP's
 ③ Scattered thin shales med to drk
 gry; slit to v. czlc IP's to v. drk gry
 to black-carb. looking
 ④ Scattered trs. to abu. chert
 off wht., crm, lt. gry. to lt. tan
 opque

4100

C21

Lms. trs. to abu. wht. to crm. chlk
 + lt. tan totan, gryish IP's; trs. crypto
 to v. v. fn. xln.; sub-chlk, sub-sucro
 to v. sucro. + trs. packsta.; phantom
 oolitic IP's to trs. oolitic; phantom oolitic
 IP's to trs. oolitic; dul. H. to lt. yel. fluor.;
 No cut; abu. pr. to pr. + TRS. gd. to excel
 oolitic, p.p., micro-por. por. +
 Prob. interval por. w/ slit trs.
 Chert. gry. to tan; opque

4200

Interbedded Limestone w/ Shales
 + Chert similar 4062-4164

C21

CONCRETE GAS 9 U

Lms. trs. to hvy. trs. wht. to crm-chlk
 + lt tan to tan, gryish. IP's; slit
 EXTR. oolitic and/or slit to drk
 oolitic; matrix sub-chlk; sub-sucro
 + trs. packsta.; yel. to golden yel. fluor.
 No cut; abu. pr., tan, gd. to excel oolitic
 p.p., micro-por. + poss. interval porosity
 w/ TRS chert off wht., gry to tan
 opque to TRS.

4300

Lms. H. gry. to tan; crypto. to v. fn. xln.;
 sub-chlk, sub-sucro to trs. sucro and
 packsta.; IP's - trs. to abu. phantom
 oolitic to oolitic; dul. H. to lt. yel.
 fluor. IP's; No cut; No Vis. Por

Hushonkey

Lms. lt. gray. to tan; crypto. to v. fin. xln.;
 sub-chlk, sub-sucro to trs. sucro and
 packstn.; 2P's - tan to abu phantom
 oolitic; to oolitic; dul. lt. yell. flwor.
 1P's; No cut; No Vis. For

4300

Hushpuckney
 4323-1965

TRAP CHECK

Sh v. drk. gray. to black-carb

Lms. similar 4261-4343

Lms. tan. wht. to cream-chlk & lt. tan to
 tan, grayish. 1P's; sl. to v. oolitic
 + tan sl. to v. oolitic; matrix chlk, sub-chlk
 sub-sucro to trs. sucro + packstn.; dul. lt. yel.
 flwor.; No cut; abu. pr. fr. gd.
 oolitic; p.p.; micro-pf and
 prob. interxln. porosity

RECYCLE 16U

Lms. lt. to med. gray-sli. to v. shly to tan
 crypto. to v. v. fin. xln.; sub-chlk to shly
 1P's; sub-sucro. + packstn.; dul. yel. to
 dul. lt. yel. flwor. 1P's; No cut; No Vis
 Por; w/prob interbeds sh's med
 to v. drk. gray., calc. to v. drk. gray
 to black-carb. looking

4400

CON GAS 9 U
 M3 Rmation
 4410-2082

Lms lt. gray, tanish 1P's; crypto. to v. fin.
 xln.; sub-chlk; sub-sucro + packstn.;
 dul. lt. yel. flwor. 1P's; No cut; No Vis
 Porosity

CR2012

CON GAS 20U

Sh med to v. drk. gray.

Lms. cream. to tan; crypto. to v. fin. xln; trs sub chlk
 sub-sucro. to sucro, packstn. + trs. sub-lithop
 v. sl. tan. oolitic sl. w/sucro. matrix; dul. lt. No
 H. yel. flwor.; No cut; sl. trs. ab. tagd. oolitic
 Por w/prob. interxln. No cut; sucro, w sl. trs ches
 1P's; wht., cream. to tan, tan to ogy.

SHOS 2 (1) SHOW 35 U

4454-82 Lms lt. gray, grayish tan
 to tan, crypto. to v. fin. xln.; trs. sub-chlk.
 trs. sub-sucro. + packstn.; dul. lt. to lt. yel. flwor.;
 No cut; No Vis For.

4282-91 Sh med. to v. drk. gray

4491-4515 Lms. tan. wht. to cream
 chlk. & lt. gray, grayish tan to tan
 crypto. to trs. v. v. fin. xln.; chlk.,
 sub-chlk; trs. sub-sucro + packstn.
 dul. lt. tan. yel. flwor.; No cut; No Vis For

TRIP GAS 26U

4515-70 Sh v. drk. gray to black-carb

4500

4491-2112

4440-40 Lms. lt. to med. gray, sli. to
 v. shly; crypto. to v. v. fin. xln.;
 sub-chlk; trs. sub-chly, sub-sucro.
 + packstn.; dul. lt. yel. flwor. 1P's;

H20X-71 Sh med. to v. dark gray

4491-4515 Lms. tes. wht. to cream
chlk. + H. gray, grayish tan to tan
Crypto. to tes. v. v. fn. xln; chlk.,
sub-chlk. tes. sub-sucro + patchy
dub. H. tab. yet fluor. No cut, No visior

4515-20 Sh. dark gray to black carb

4420-40 Lms. H. to med. gray, sli. to
v. shly; crypto. to v. v. fn. xln;
sub-chlk. for shly, sub-sucro,
+ patchy; dub. H. yet fluor. IP's
No cut; No visior

4540-4567 Lms. tes. wht. to cream
chlk. + H. tan, grayish. IP's; crypto
to v. v. fn. xln; tes. sub-chlk.,
sub-sucro. to sucro. + tes. patchy
glan. yet fluor. IP's. sli. tes. w/
PA. to ER. Ring cuts; sli. tes. v. DR
micro-p. port poss. inter v. u. por
IP's; sli. tes. chert gray to tan, tes. to
p. que

4567-62 Sh. dark gray to black carb

4562-90 Lms. cream to lt. gray chlk. +
H. gray to grayish. tan; crypto to tan
xln; sub-chlk. tes. sub-sucro + patchy
dub. H. yet fluor. No cut; No visior
w/ 2 pieces w/ bit oil stain glan. yet fluor
flush to gd. string cuts; p. to be
micro-p. por.; dust + perm.

4590-95 Sh. v. dark gray to blk. carb

4595-4611 Lms w/tes show similar 4562-90

4611-21 Sh. med to dark gray; greenish
crystal carb glan. to v. shly med w/tes
Lm. gray to tan, mottled IP's, crypto to tan
sub-chlk., sub-sucro + patchy, tes. dub.
yet fluor. w/ gd. string cuts; tes. to
to ER. solution p. p. por.; dust + perm

4612-29 Cong. of Lms, Shs + siltstns
Lms. H. gray, tan to brown gran; crypto
to tan xln, sub-chlk., sub-sucro + patchy
v. sli. tes. ban oil stain glan. yet fluor; flush
to gd. string cuts; No visior
Dshs v. irregular, (S) siltstns H. gray to
H. gray. sly IP's; clay filled; str. fluor
+ cuts IP's No visior

4619-37 Dolo sli. to tab. calc IP's; v. v. fn. xln
sub-sucro to tes. sucro + patchy; ban
oil stain; flush to gd. string
cuts; sli. tes. ban oil stain glan. yet fluor. w/
gd. string cuts; No visior

4637-47 Dolo. H. tan to tan w/ spt. to even
ban. oil stain; strong oil odor; v. v. fn. xln
sub-sucro to sucro, tes. wht. to tan
med to coarse dolo. v. s + frag
bat. yet fluor. w/ flush to excel. string
cuts; huytes. pet. to tes. gd. v. unglan. pp.
micro-p. + poss. inter v. u. por. w/
huytes chert w/ tagay. q. s. sli. tes. huy
tes. chert sli. to tab. weathered w/ ban
oil stain w/ bat. yet fluor. flush to gd
string cuts; tes. finely disseminated
pyk. to pyk. mineralization along
fractures in chert

4647. Dolo cream to tan w/ huytes spt. to
even ban. oil stain. v. v. fn. xln; sub-sucro to sucro
ex. oil odor; bat. yet fluor. flush to gd. string
cuts; huytes. to tes. tes. gd. micro-p. por
w/ ext. abn. Chert q. s. to tan, oil w/ tagay
q. s. sli. tes. weathered w/ ban oil stain
oil stain w/ bat. yet fluor. flush to gd
string cuts w/ PA. w/ tes. micro-p. por.

Dolo + Chert similar above w/

TRIP GAS 26U

4491-4515

4500

4491-4515

BLK SH. 52U

4540-4567

RECYCLE 25U

4567-62

SHW TO U

BLK SH. 52U

4562-90

Chert

4562-90

4600

TRAP CHECK

TRIP GAS 130U

MISSISSIPPI

4619-37

TRIP GAS 12U

2 U INCR.

OWNER

4700

Ex. oil when but yet (hand) - (hand) to get (hand)
 Capillary (hand) - (hand) - (hand) - (hand) - (hand)
 w/ (hand) - (hand) - (hand) - (hand) - (hand) - (hand)
 (hand) - (hand) - (hand) - (hand) - (hand) - (hand)
 (hand) - (hand) - (hand) - (hand) - (hand) - (hand)
 (hand) - (hand) - (hand) - (hand) - (hand) - (hand)

4700

Dolo + Cheat similar z6000 w/
 Sample 10 to 20% Dolo + 80 to 90% Cheat

7 7/8 inch B.T. Tube:

#1 New Hugs GX22S
 in @ 288ft out @ 4710 TD

Cia. Points:

- | | |
|---------|-------------|
| 1. 4472 | 8. 4630 |
| 2. 4490 | 9. 4635 |
| 3. 4560 | 10. 4640 |
| 4. 4589 | 11. 4645 |
| 5. 4600 | 12. 4652 |
| 6. 4620 | 13. 4710 TD |
| 7. 4625 | |

Dev. Surveys:

- | | |
|--------------|--------------|
| 1. 288 3/4° | 5. 4490 1° |
| 2. 376 1/2° | 6. 4620 3/4° |
| 3. 1906 3/4° | 7. 4710 TR |
| 4. 3904 1/2° | |

Daily Drilg Progress:

- | | |
|-------------------|---------|
| 1. 3800 @ 11:57PM | 9-28-10 |
| 2. 3906 @ 7:00AM | 9-29-10 |
| 3. 4467 @ 7:00AM | 9-30-10 |
| 4. 4492 @ 7:00AM | 10-1-10 |
| 5. 4620 @ 7:00AM | 10-2-10 |
| 6. 4640 @ 7:00AM | 10-3-10 |
| 7. 4652 @ 7:00AM | 10-4-10 |
| 8. 4710 @ 7:00AM | 10-5-10 |

DST#1 Marmaton 4420-4490
 10 Weak Blow Died 5 min FO Dead
 Rec 30ft Mud BHT 116°F
 IHP 2182#
 JFP 20-36# in 30 min
 VSIP 1245# in 60 min
 FFP 38-47# in 30 min
 FSIP 1223# in 60 min
 FHP 2135#

DST#2 FIScott-Cherokee 4542-4620
 10 Weak Surf Blow 10 Weak Blow Built to 22"
 Rec 30ft VSOCM 170il 177Mud BHT 117°F

FHP 2135#

DST#2 FTS off Cherokee 4547-4620
 IO Weak Surface Blow IO Weak Blow Drill to 22'
 Rec 30ft VSOCM 12oil 99% Mud BHT 117°F
 IHP 2238#
 IFP 20-27# in 30 min
 ISIP 144# in 60 min
 FFP 25-28# in 60 min
 FSIP 233# in 120 min
 FHP 2181#

DST#3 Mississippi 4607-4640
 IO Weak Surface Blow Throughout FO Dead
 Rec 10ft Mud BHT 110°F

IHP 2234#
 IFP 21-22# in 30 min
 ISIP 57# in 60 min
 FFP 23-26# in 60 min
 FSIP 44# in 120 min
 FHP 2169#

DST#4 Mississippi 4607-4652
 IO Strong Blow BOB/min 20sec.
 FO Strong Blow BOB/min 15sec.
 Rec 3521 ft fluid
 3056 cc clean oil
 465 ft VSOCM W 22oil 78% Wtr. 20% Mud

Rw = 183 @ 77°F chl 3700 ppm
 BHT 124°F pitchl 9600 ppm
 Oil Gravity 33 API
 IHP 2268#
 IFP 129-852# in 30 min
 ISIP 1434# in 60 min
 FFP 827-1391# in 60 min
 FSIP 1432# in 120 min
 FHP 2177#

Mud Info.:

Date	9-28 4:15A	9-29 9:50A	9-30 11:45A	10-1 10:55A	10-2 7:05P	10-3 7:45A	10-4 11:30A
Depth	3225	4006	4490	4550	4620	4640	4652
Wt	9.6	9.3	9.4	9.4	9.2	9.1	9.1
Vis	30	44	40	51	55	49	49
PV	5	11	8	10	13	15	15
YP	6	10	8	29	25	16	17
GS	2/3	12/40	11/45	38/70	33/46	18/46	16/56
WL	11/2	10.2	12.6	13.6	11.2	8.8	8.8
Cake	—	1/32	1/32	2/32	1/32	1/32	1/32

FO Stroy Blaw BOB/min 155sec.
 Rec 3521 ft fluid
 3056 AC clean oil
 465 ft VSOCMW 2% oil 78% wtr. 20% Mud

Rw. 183 @ 77°F chl 37000 ppm
 BHT 124°F pttchl 9600 ppm
 Oil Gravity 33 API
 IHP 2268#
 I/P 129-852# in 30 min
 IS/P 1434# in 60 min
 FFP 827-1391# in 60 min
 FS/P 1432# in 120 min
 FHP 2177#

Mud Info.:

Date	9-28 11:15A	9-29 9:50A	9-30 11:45A	10-1 10:55A	10-2 12:05P	10-3 7:45A	10-4 11:30A
Depth	3225	4006	4490	4550	4610	4640	4652
Wt	9.6	9.3	9.5	9.4	9.2	9.1	9.1
Vis	30	44	40	51	55	49	49
PV	5	11	8	10	13	15	15
YP	6	10	8	29	25	16	17
GS	2/3	12/40	11/45	38/70	55/46	18/46	16/56
WL	11/6	10.2	12.6	13.6	11.2	8.8	8.8
Cake	—	1/32	1/32	2/32	1/32	1/32	1/32
pH	7.0	10.0	10.0	9.5	11.0	10.5	10.0
Chl	40000	5500	4500	7100	3000	4600	9600
C2	Hvy	20	100	180	60	20	20
LCM	1	2	1	1	1	1	TR.

OPERATOR BEREXCO LLC
 LEASE SHEILA NO. 1
 ELEVATION 2378KB RTD 4710

LOCATION 2310FSL 8 1105FWL
 SEC. 17 TWP. 23S RANG. 21W
 COUNTY HODGEMAN STATE KANSAS



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Berexco LLC
 PO Box 20380
 Wichita, KS. 67208
 ATTN: Ed Grieves

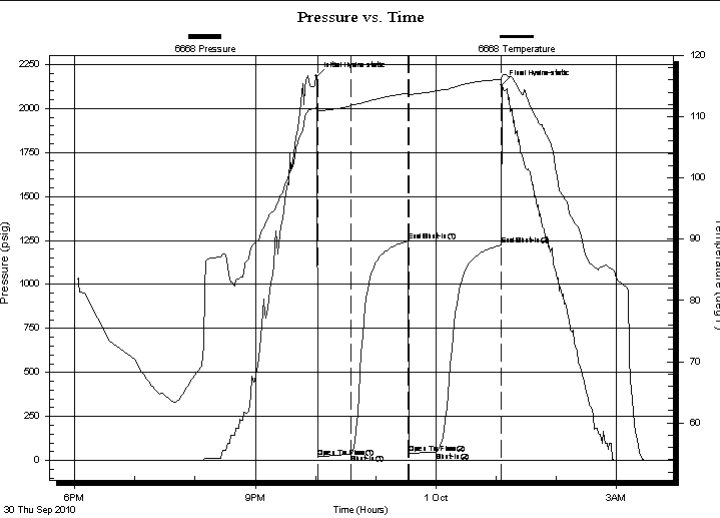
Shiela #1
17-23s-21w-Hodgeman
 Job Ticket: 39012 **DST#: 1**
 Test Start: 2010.09.30 @ 18:02:47

GENERAL INFORMATION:

Formation: **Marmaton**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 22:02:02
 Time Test Ended: 03:28:17
 Interval: **4420.00 ft (KB) To 4490.00 ft (KB) (TVD)**
 Total Depth: 4490.00 ft (KB) (TVD)
 Hole Diameter: 7.80 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole
 Tester: Jason McLemore
 Unit No: 32
 Reference Elevations: 2378.00 ft (KB)
 2365.00 ft (CF)
 KB to GR/CF: 13.00 ft

Serial #: 6668 Inside
 Press @ RunDepth: 47.46 psig @ 4457.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2010.09.30 End Date: 2010.10.01 Last Calib.: 2010.10.01
 Start Time: 18:02:49 End Time: 03:28:17 Time On Btm: 2010.09.30 @ 22:01:17
 Time Off Btm: 2010.10.01 @ 01:05:47

TEST COMMENT: IFP-Weak Blow ,Died in 5 Min.
 ISI-Dead
 FFP-Dead
 FSI-Dead



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2182.12	111.45	Initial Hydro-static
1	19.70	110.77	Open To Flow (1)
35	36.04	111.87	Shut-In(1)
91	1245.38	113.84	End Shut-In(1)
92	38.44	113.31	Open To Flow (2)
120	47.46	114.21	Shut-In(2)
184	1222.82	116.08	End Shut-In(2)
185	2134.96	116.68	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
30.00	Drilling Mud	0.15

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco LLC
PO Box 20380
Wichita, KS. 67208
ATTN: Ed Grieves

Shiela #1
17-23s-21w-Hodgeman
Job Ticket: 39012 **DST#: 1**
Test Start: 2010.09.30 @ 18:02:47

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: 40.00 sec/qt	Cushion Volume: bbl		
Water Loss: 12.59 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4500.00 ppm			
Filter Cake: inches			

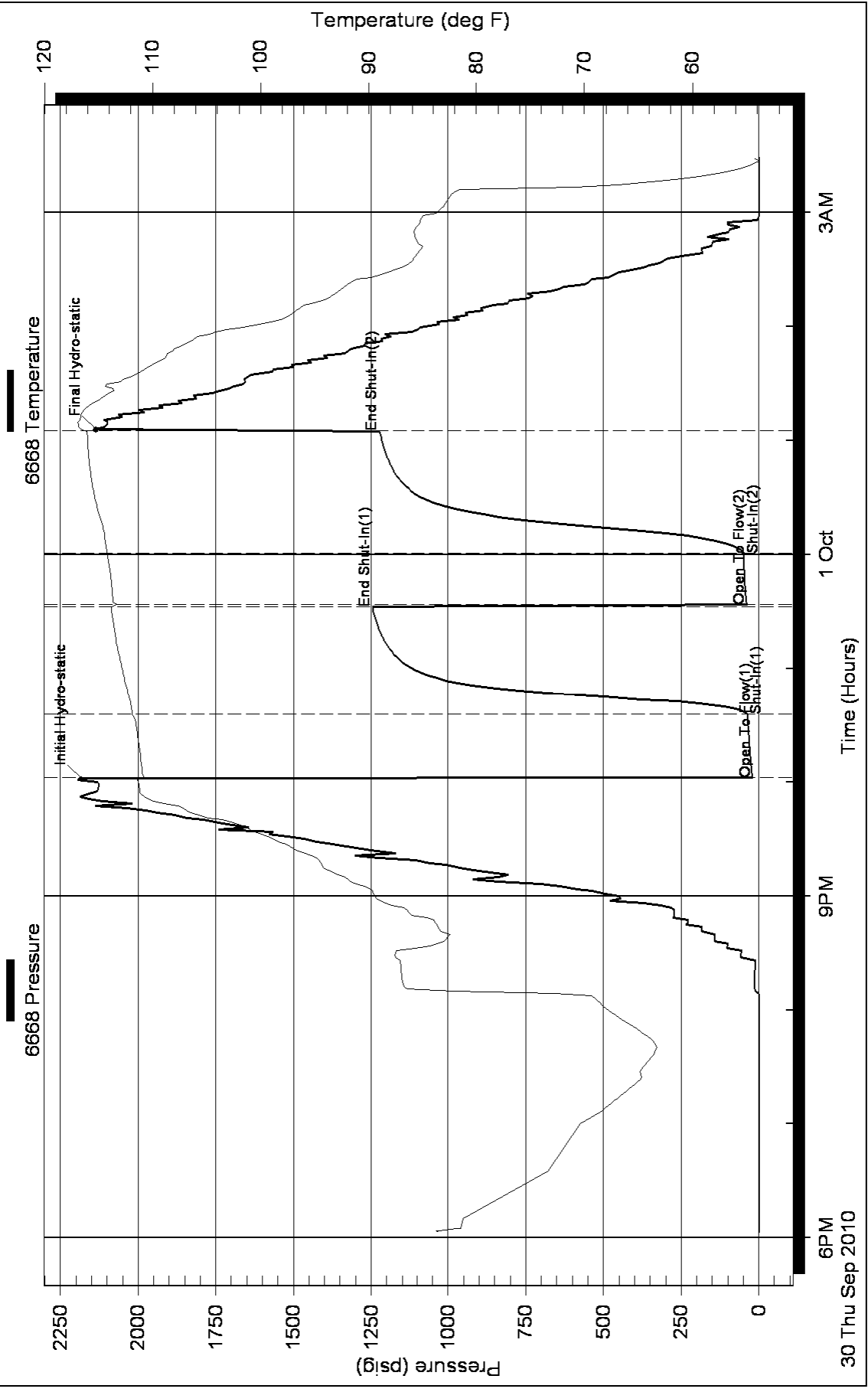
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	Drilling Mud	0.148

Total Length: 30.00 ft Total Volume: 0.148 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
 PO Box 20380
 Wichita, KS. 67208
 ATTN: Ed Grieves

Shiela #1
17-23s-21w-Hodgeman
 Job Ticket: 39013 **DST#: 2**
 Test Start: 2010.10.02 @ 01:38:00

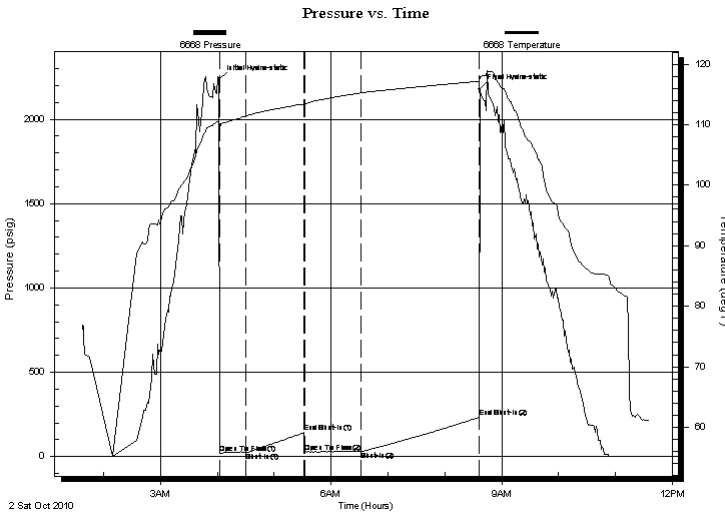
GENERAL INFORMATION:

Formation: **Ft Scott-Cherokee**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 04:02:15
 Time Test Ended: 11:36:30
 Interval: **4542.00 ft (KB) To 4620.00 ft (KB) (TVD)**
 Total Depth: 4620.00 ft (KB) (TVD)
 Hole Diameter: 7.80 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole
 Tester: Jason McLemore
 Unit No: 32
 Reference Elevations: 2378.00 ft (KB)
 2365.00 ft (CF)
 KB to GR/CF: 13.00 ft

Serial #: 6668 Inside
 Press @ RunDepth: 28.66 psig @ 4610.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2010.10.02 End Date: 2010.10.02 Last Calib.: 2010.10.02
 Start Time: 01:38:02 End Time: 11:36:30 Time On Btm: 2010.10.02 @ 04:02:00
 Time Off Btm: 2010.10.02 @ 08:37:00

TEST COMMENT: IFP-Weak Surface Blow
 ISI-Dead
 FFP-Weak Blow ,Built to 2-1/2"
 FSI-Dead

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2237.60	110.64	Initial Hydro-static
1	19.91	109.34	Open To Flow (1)
28	27.16	111.43	Shut-In(1)
90	143.65	113.44	End Shut-In(1)
91	24.83	113.48	Open To Flow (2)
150	28.66	115.24	Shut-In(2)
274	233.38	117.17	End Shut-In(2)
275	2180.93	117.93	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	V SOCM-1%O-99%M	0.15

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco LLC
PO Box 20380
Wichita, KS. 67208
ATTN: Ed Grieves

Shiela #1
17-23s-21w-Hodgeman
Job Ticket: 39013 **DST#: 2**
Test Start: 2010.10.02 @ 01:38:00

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: 51.00 sec/qt	Cushion Volume: bbl		
Water Loss: 13.58 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 7100.00 ppm			
Filter Cake: inches			

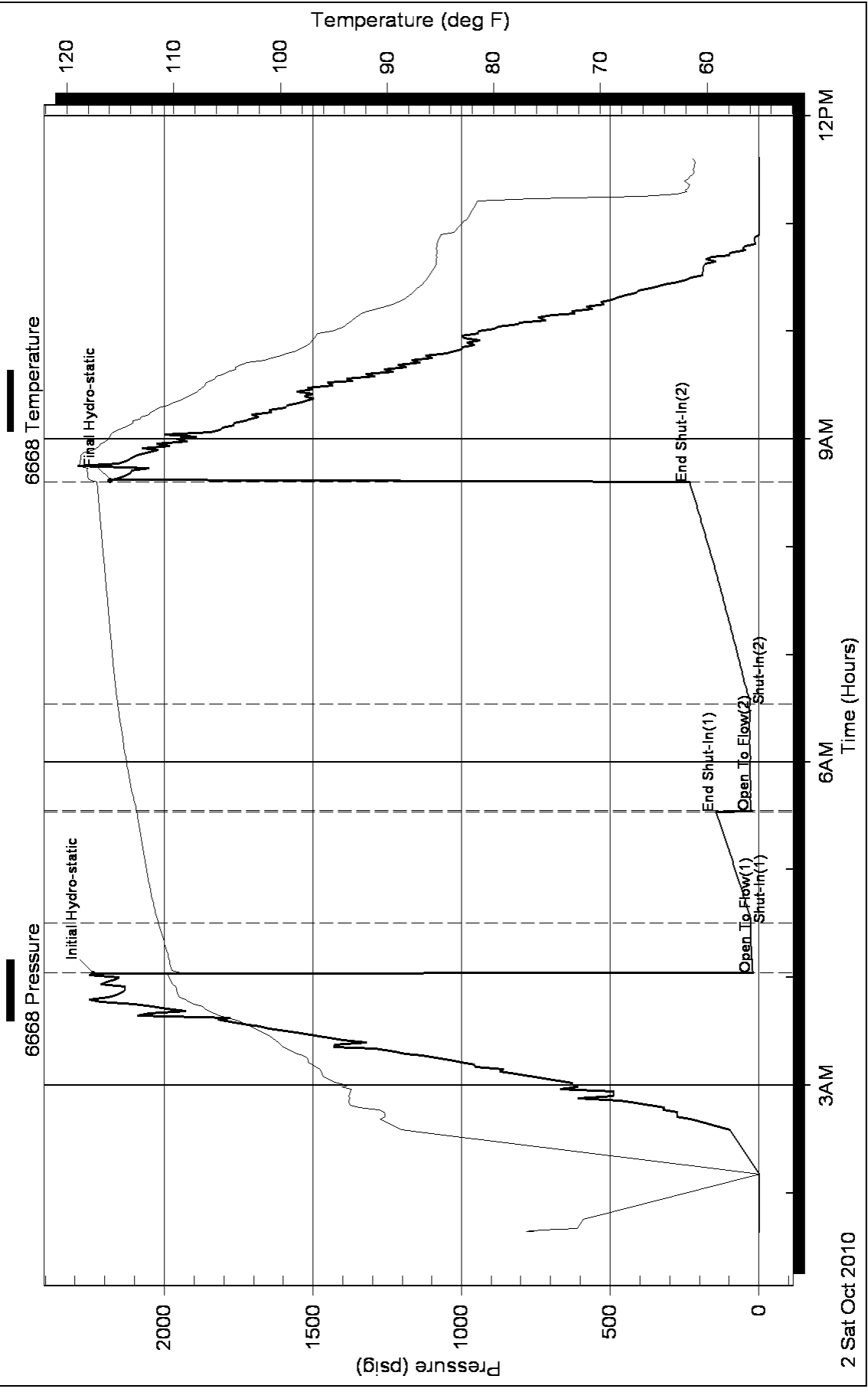
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	VSOCM-1%O-99%M	0.148

Total Length: 30.00 ft Total Volume: 0.148 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
PO Box 20380
Wichita, KS. 67208
ATTN: Ed Grieves

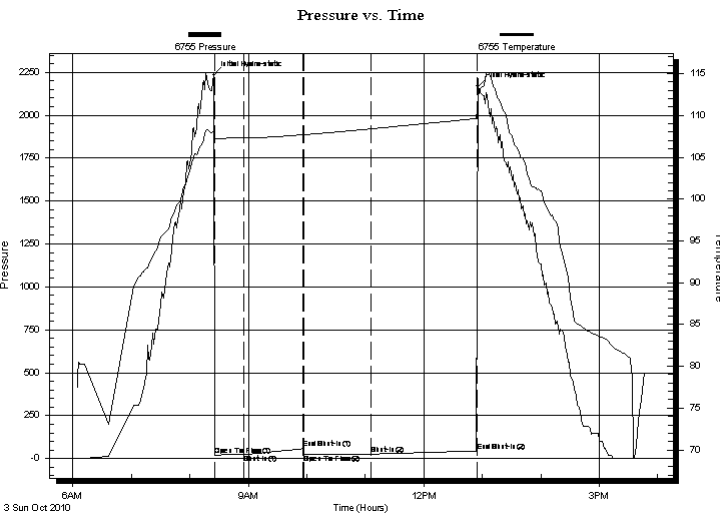
Shiela #1
17-23s-21w-Hodgeman
Job Ticket: 39014 **DST#: 3**
Test Start: 2010.10.03 @ 06:04:53

GENERAL INFORMATION:

Formation: **Mississippi**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 08:25:08
Time Test Ended: 15:46:53
Interval: **4607.00 ft (KB) To 4640.00 ft (KB) (TVD)**
Total Depth: 4640.00 ft (KB) (TVD)
Hole Diameter: 7.80 inches Hole Condition: Good
Test Type: Conventional Bottom Hole
Tester: Jason McLemore
Unit No: 32
Reference Elevations: 2378.00 ft (KB)
2365.00 ft (CF)
KB to GR/CF: 13.00 ft

Serial #: 6755 Inside
Press @ Run Depth: 25.56 psig @ 4612.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2010.10.03 End Date: 2010.10.03 Last Calib.: 2010.10.03
Start Time: 06:04:55 End Time: 15:46:53 Time On Btm: 2010.10.03 @ 08:24:38
Time Off Btm: 2010.10.03 @ 12:55:38

TEST COMMENT: IFP-Weak Surface Blow ,Lasted Throughout
ISI-Dead
FFP-Dead
FSI-Dead



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2233.74	108.00	Initial Hydro-static
1	21.21	106.69	Open To Flow (1)
31	22.11	107.30	Shut-In(1)
92	57.52	107.70	End Shut-In(1)
93	22.94	107.69	Open To Flow (2)
162	25.56	108.40	Shut-In(2)
270	43.85	109.64	End Shut-In(2)
271	2169.20	112.07	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Drilling Mud	0.05

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco LLC
PO Box 20380
Wichita, KS. 67208
ATTN: Ed Grieves

Shiela #1
17-23s-21w-Hodgeman
Job Ticket: 39014 **DST#: 3**
Test Start: 2010.10.03 @ 06:04:53

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: 49.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.79 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4600.00 ppm			
Filter Cake: inches			

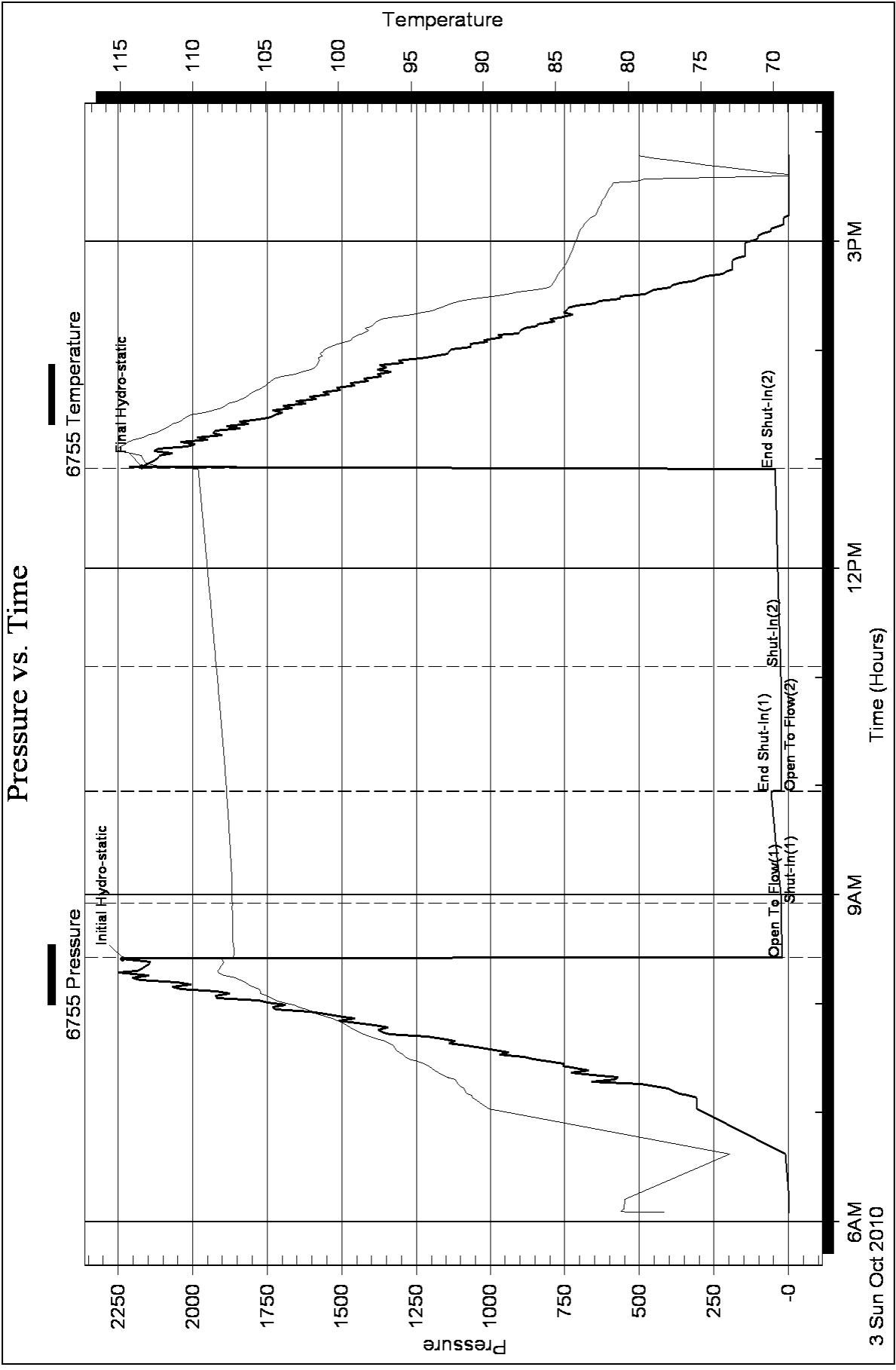
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Drilling Mud	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





TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Berexco LLC
 PO Box 20380
 Wichita, KS. 67208
 ATTN: Ed Grieves

Shiela #1
17-23s-21w-Hodgeman
 Job Ticket: 39015 **DST#: 4**
 Test Start: 2010.10.04 @ 04:47:03

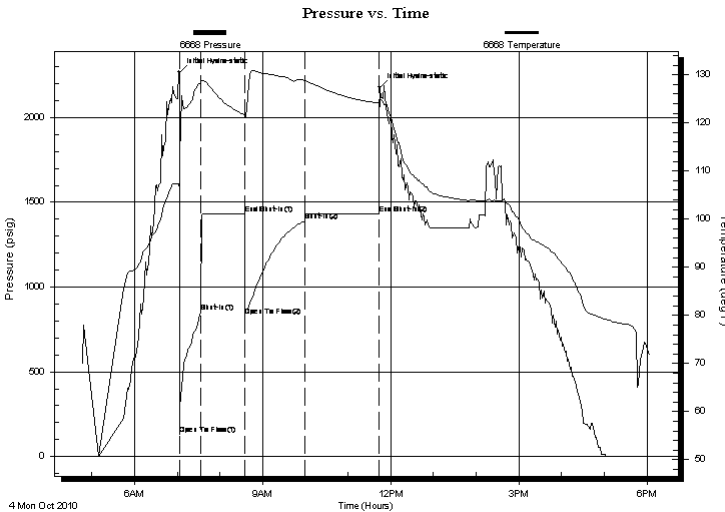
GENERAL INFORMATION:

Formation: **Mississippi**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 07:03:18
 Time Test Ended: 18:05:03
 Interval: **4607.00 ft (KB) To 4652.00 ft (KB) (TVD)**
 Total Depth: 4652.00 ft (KB) (TVD)
 Hole Diameter: 7.80 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole
 Tester: Jason McLemore
 Unit No: 32
 Reference Elevations: 2378.00 ft (KB)
 2365.00 ft (CF)
 KB to GR/CF: 13.00 ft

Serial #: 6668 Inside
 Press @ Run Depth: 1390.71 psig @ 4644.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2010.10.04 End Date: 2010.10.04 Last Calib.: 2010.10.04
 Start Time: 04:47:05 End Time: 18:05:03 Time On Btm: 2010.10.04 @ 07:03:03
 Time Off Btm:

TEST COMMENT: IFP-Strong,BOB in 1 Min. 20 Sec.
 ISI-Blow back Built to 4-1/2"
 FFP-Strong,BOB in 1 Min. 15 Sec.
 FSI-Blow back Built to 3"

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2267.50	107.35	Initial Hydro-static
1	129.12	106.42	Open To Flow (1)
30	852.10	128.27	Shut-In(1)
92	1433.71	121.65	End Shut-In(1)
93	827.06	121.28	Open To Flow (2)
176	1390.71	128.83	Shut-In(2)
281	1431.84	124.13	End Shut-In(2)
282	2177.05	124.59	Initial Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
465.00	V/SOCMW-2%O-78%W-20%M	2.29
3056.00	Clean Oil	42.09

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco LLC
PO Box 20380
Wichita, KS. 67208
ATTN: Ed Grieves

Shiela #1
17-23s-21w-Hodgeman
Job Ticket: 39015 **DST#: 4**
Test Start: 2010.10.04 @ 04:47:03

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 33 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 37000 ppm
Viscosity: 49.00 sec/qt	Cushion Volume: bbl	
Water Loss: 8.79 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 9600.00 ppm		
Filter Cake: inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
465.00	VSOCMW-2%O-78%W-20%M	2.287
3056.00	Clean Oil	42.093

Total Length: 3521.00 ft Total Volume: 44.380 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Pressure vs. Time

