



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1195514
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: _____

1195514

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

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

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

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

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

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

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

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

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

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

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

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

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	BEREXCO LLC
Well Name	Kenneth 1-35
Doc ID	1195514

Tops

Name	Top	Datum
Anhydrite (top)	3216	+110
Anhydrite (base)	3248	+78
Neva	3214	-388
Foraker	3826	-500
Wabaunsee	3946	-620
Topeka	4040	-714
Deer Creek Sand	4084	-758
Oread	4172	-846
Lansing/KS City A	4266	-940
LKC B	4323	-997
LKC C	4382	-1056
LKC D	4424	-1098
LKC E	4466	-1140
LKC F	4504	-1178
Pawnee	4654	-1328
Cherokee	4677	-1351
RTD	4740	
LTD	4736	-1410

WELL FILE

ALLIED OIL & GAS SERVICES, LLC 061451

Federal Tax I.D. # 20-8651475

REMITTO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT: Oakley KS

DATE <u>1-23-14</u>	SEC <u>35</u>	TWP <u>1</u>	RANGE <u>36</u>	CALLED OUT	ON LOCATION	JOB START <u>2:00 p.m.</u>	JOB FINISH <u>2:30 p.m.</u>
LEASE <u>Kenneth</u>	WELL # <u>1-35</u>	LOCATION <u>McDonald N to Rd w</u>			COUNTY <u>Rawlins</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)		Follow curves to Rd Y N into					

CONTRACTOR Beredco 2
 TYPE OF JOB Surface
 HOLE SIZE 12 1/4 T.D. 310'
 CASING SIZE 8 5/8 DEPTH 310.16'
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG. 15'
 PERFS.
 DISPLACEMENT 18.80 bbl water

OWNER Same
 CEMENT AMOUNT ORDERED 225 sks Com 3% CC 2% gel

COMMON	<u>225 sks @ 17.90</u>	<u>4027.50</u>
POZMIX	@	
GEL	<u>4 sks @ 23.40</u>	<u>93.60</u>
CHLORIDE	<u>8 sks @ 64.00</u>	<u>512.00</u>
ASC	@	
	@	
	@	
	@	
	@	
	@	
	@	
	@	
HANDLING	<u>243.30 @ 2.48</u>	<u>603.38</u>
MILEAGE	<u>11.10 hrs @ 50 mi @ 2.60</u>	<u>1443.00</u>
TOTAL		<u>6679.48</u>

EQUIPMENT
 PUMP TRUCK CEMENTER Paul Beaver
 # 120 HELPER Tyler Flipse
 BULK TRUCK
 # 600 DRIVER Adam Flipse
 BULK TRUCK
 # DRIVER

REMARKS:
Mix 225 sks Com 3% CC
2% gel
Displace w/ water
Cement did circulate

Thank You

SERVICE

DEPTH OF JOB	<u>310'</u>	
PUMP TRUCK CHARGE		<u>1512.25</u>
EXTRA FOOTAGE	@	
MILEAGE	<u>MILV 50 @ 7.70</u>	<u>385.00</u>
MANIFOLD	<u>swedge @ 275.00</u>	<u>N/C</u>
	<u>MILV 50 @ 4.40</u>	<u>N/C</u>
	@	
TOTAL		<u>1897.25</u>

PLUG & FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	
TOTAL		

SALES TAX (if Any) _____
 TOTAL CHARGES 8,576.73
 DISCOUNT 2,401.48 IF PAID IN 30 DAYS
6,175.24 Net.

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

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 Myla Salinas
 SIGNATURE Myla Salinas

ALLIED OIL & GAS SERVICES, LLC 061459

Federal Tax I.D. # 20-8651475

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

SERVICE POINT:

Okley KS
2-3-14 2-3-14

DATE <u>2-2-14</u>	SEC <u>35</u>	TWP. <u>1</u>	RANGE <u>36</u>	CALLED OUT	ON LOCATION	JOB START <u>6:00AM</u>	JOB FINISH <u>6:30AM</u>
LEASE <u>length</u>		WELL # <u>1-35</u>		LOCATION <u>McDonald N to Rd W</u>		COUNTY <u>Rawlins</u>	STATE <u>KS</u>
OLD OR NEW (Circle one)				E. follow curves to Rd Y N into			

CONTRACTOR <u>Berexco 2</u>	
TYPE OF JOB <u>PTA</u>	
HOLE SIZE <u>7 7/8</u>	T.D. <u>4740'</u>
CASING SIZE	DEPTH
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG.	
PERFS.	
DISPLACEMENT	

OWNER <u>Same</u>
CEMENT
AMOUNT ORDERED <u>220 sks 60/40</u>
<u>4% gel 1/4" Flo-seal</u>

EQUIPMENT	
PUMP TRUCK # <u>422</u>	CEMENTER <u>Kelly Seibel</u>
	HELPER <u>Wayne McHugh</u>
BULK TRUCK # <u>600</u>	DRIVER <u>Brandon Wilburn</u>
BULK TRUCK # <u>3334308</u>	DRIVER <u>Eddie (TOS)</u>

COMMON	<u>132 sks @ 17.90</u>	<u>2362.80</u>
POZMIX	<u>88 sks @ 9.35</u>	<u>822.80</u>
GEL	<u>8 sks @ 23.40</u>	<u>187.20</u>
CHLORIDE	@	
ASC	@	
<u>Flo-seal</u>	<u>55# @ 2.97</u>	<u>163.35</u>
	@	
	@	
	@	
	@	
	@	
	@	
HANDLING	<u>236.28 ft³ @ 2.40</u>	<u>585.97</u>
MILEAGE	<u>9.87 tons x 50mi @ 2.60</u>	<u>1283.10</u>
TOTAL		<u>\$5,405.22</u>

REMARKS:

<u>mix 25 sks @ 3240'</u>
<u>100 @ 2465</u>
<u>40 @ 360</u>
<u>10 @ 410</u>
<u>30 RH</u>
<u>15 MH</u>

SERVICE		
DEPTH OF JOB	<u>3240'</u>	
PUMP TRUCK CHARGE		<u>2600.47</u>
EXTRA FOOTAGE	@	
MILEAGE <u>MIHV</u>	<u>50 @ 7.70</u>	<u>385.00</u>
MANIFOLD	@	
<u>MLV</u>	<u>50 @ 4.40</u>	<u>N/C</u>
	@	
TOTAL		<u>2985.47</u>

CHARGE TO: Berexco

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT		
<u>wooden Plug</u>	@	<u>107.64</u>
	@	
	@	
	@	
	@	
TOTAL		<u>107.64</u>

To: Allied Oil & Gas Services, LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME Mykhailo Selinas

SIGNATURE *Mykhailo Selinas*

SALES TAX (If Any) _____

TOTAL CHARGES 8,498.33

DISCOUNT 2,349.39 IF PAID IN 30 DAYS

6,148.93 Net.



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Berexco LLC
 2020 N. Bramblewood
 Wichita KS 67206
 ATTN: Peter Vollmer

35 - 1S - 36W Rawlins KS
Kenneth #1-35
 Job Ticket: 55957 **DST#: 1**
 Test Start: 2014.01.27 @ 17:10:00

GENERAL INFORMATION:

Formation: **Oread**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 21:00:50
 Tester: 58
 Time Test Ended: 04:23:00
 Unit No: Ryan Nichols
 Interval: **4128.00 ft (KB) To 4180.00 ft (KB) (TVD)**
 Reference Elevations: 3326.00 ft (KB)
 Total Depth: 4180.00 ft (KB) (TVD)
 3313.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: Good
 KB to GR/CF: 13.00 ft

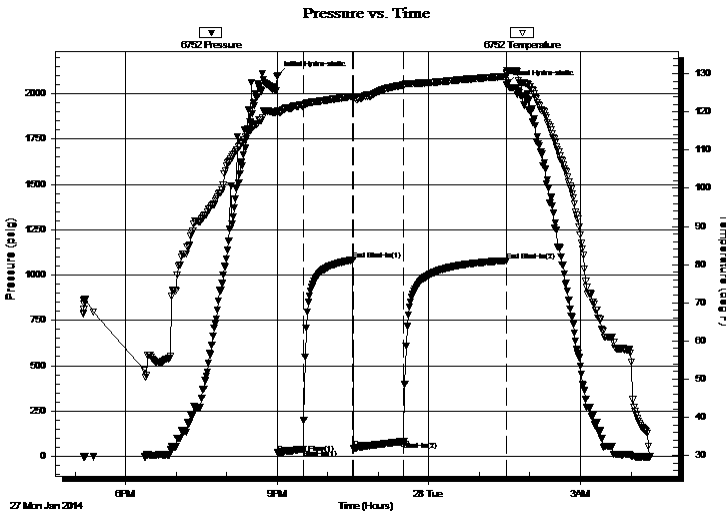
Serial #: 6752

Inside

Press @ Run Depth: 82.22 psig @ 4129.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.01.27 End Date: 2014.01.28 Last Calib.: 2014.01.28
 Start Time: 17:10:01 End Time: 04:23:00 Time On Btm: 2014.01.27 @ 21:00:40
 Time Off Btm: 2014.01.28 @ 01:32:39

TEST COMMENT: 30 IF - Surface blow built to 2"
 60 ISI - No return
 60 FF - No blow
 120 FSI - No return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2101.47	120.37	Initial Hydro-static
1	18.93	119.89	Open To Flow (1)
31	40.32	121.46	Shut-In(1)
90	1083.39	124.09	End Shut-In(1)
90	43.76	123.87	Open To Flow (2)
150	82.22	127.04	Shut-In(2)
272	1079.77	129.34	End Shut-In(2)
272	2049.58	130.00	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
95.00	Mud - 100%M	0.47

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco LLC

35 - 1S - 36W Rawlins KS

2020 N. Bramblewood
Wichita KS 67206

Kenneth #1-35

Job Ticket: 55957

DST#: 1

ATTN: Peter Vollmer

Test Start: 2014.01.27 @ 17:10:00

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: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.77 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1200.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
95.00	Mud - 100%M	0.467

Total Length: 95.00 ft Total Volume: 0.467 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

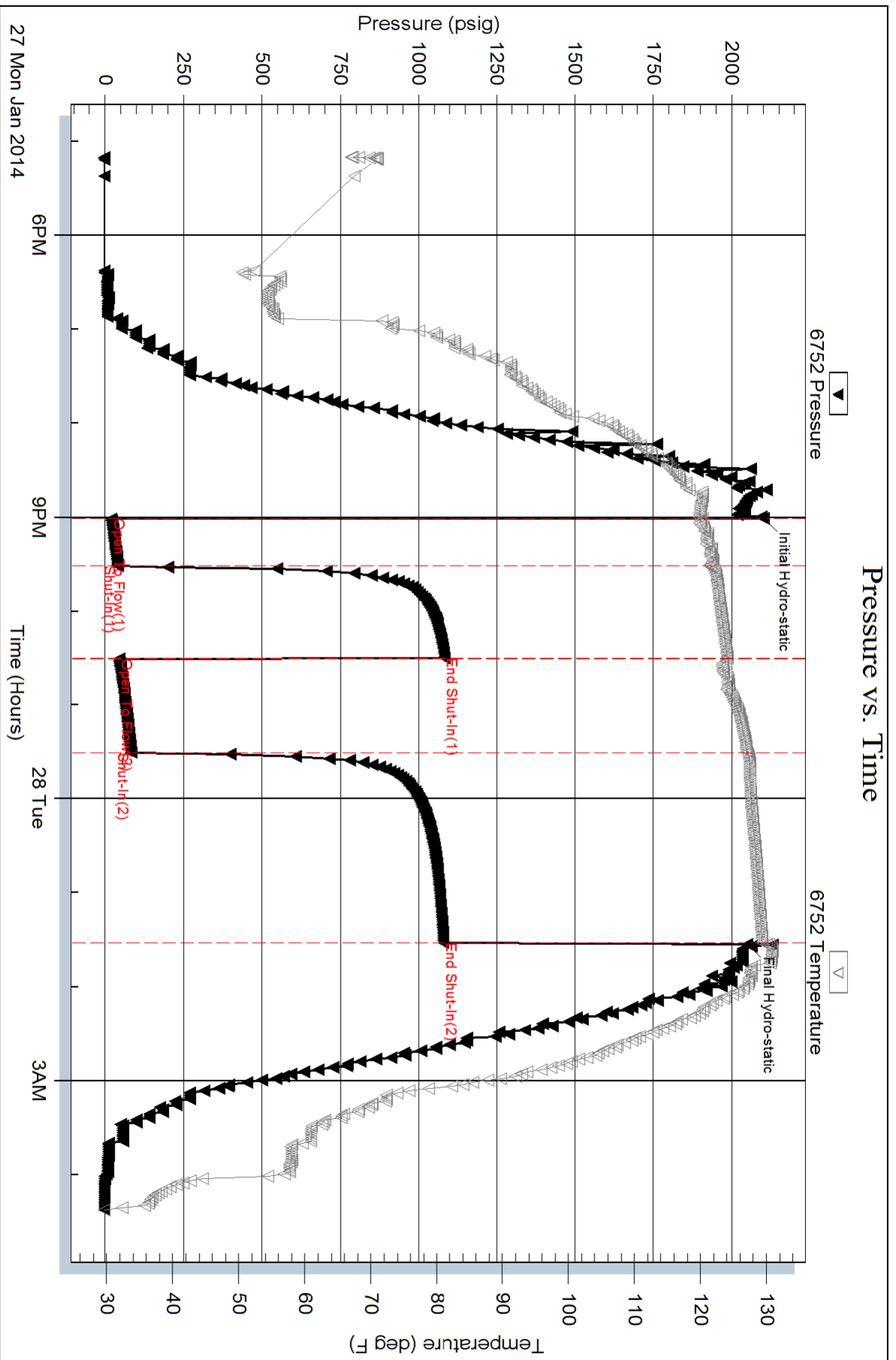
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Berexco LLC

35 - 1S - 36W Rawlins KS

2020 N. Bramblewood
Wichita KS 67206

Kenneth #1-35

Job Ticket: 55958

DST#: 2

ATTN: Peter Vollmer

Test Start: 2014.01.28 @ 21:02:00

GENERAL INFORMATION:

Formation: **LKC " A - B "**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:10:20

Time Test Ended: 11:08:40

Test Type: Conventional Bottom Hole (Reset)

Tester: 58

Unit No: Ryan Nichols

Interval: 4284.00 ft (KB) To 4340.00 ft (KB) (TVD)

Reference Elevations: 3326.00 ft (KB)

Total Depth: 4340.00 ft (KB) (TVD)

3313.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 13.00 ft

Serial #: 6752

Inside

Press@RunDepth: 1116.84 psig @ 4285.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.01.28

End Date:

2014.01.29

Last Calib.:

2014.01.29

Start Time: 21:02:01

End Time:

11:08:40

Time On Btm:

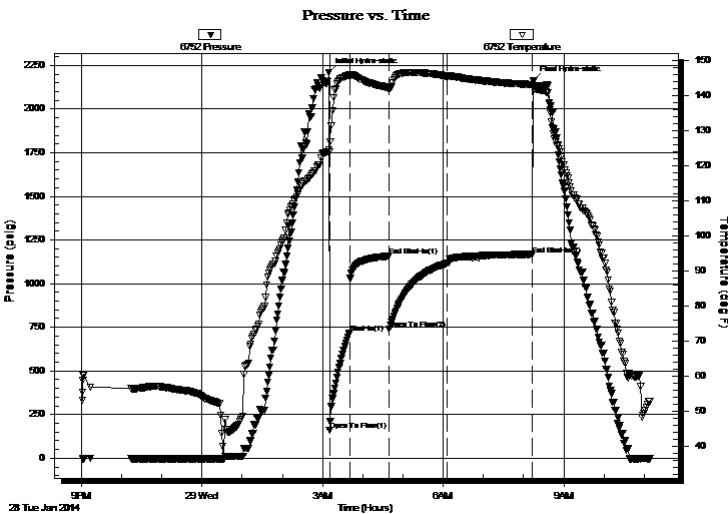
2014.01.29 @ 03:10:00

Time Off Btm:

2014.01.29 @ 08:14:40

TEST COMMENT: 30 IF - BoB @ 1 min
60 ISI - No return
60 FF - BoB @ 1 min
120 FSI - No return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2208.20	124.65	Initial Hydro-static
1	160.90	124.19	Open To Flow (1)
30	715.71	145.98	Shut-In(1)
89	1158.14	142.30	End Shut-In(1)
90	739.02	142.01	Open To Flow (2)
177	1116.84	145.65	Shut-In(2)
303	1165.99	143.23	End Shut-In(2)
305	2160.79	142.41	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1935.00	MCW - 2%M - 98%W	22.31
186.00	MCW - 20%M - 80%W	2.61
279.00	MCW - 35%M - 65%W	3.91
40.00	OWCM - 5%o - 25%W - 70%M	0.56

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco LLC

35 - 1S - 36W Rawlins KS

2020 N. Bramblewood
Wichita KS 67206

Kenneth #1-35

Job Ticket: 55958

DST#: 2

ATTN: Peter Vollmer

Test Start: 2014.01.28 @ 21:02:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 40.00 sec/qt
Water Loss: 7.99 in³
Resistivity: ohm.m
Salinity: 1800.00 ppm
Filter Cake: 1.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: deg API
Water Salinity: 22000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1935.00	MCW - 2%M - 98%W	22.306
186.00	MCW - 20%M - 80%W	2.609
279.00	MCW - 35%M - 65%W	3.914
40.00	OWCM - 5%o - 25%W - 70%M	0.561

Total Length: 2440.00 ft Total Volume: 29.390 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

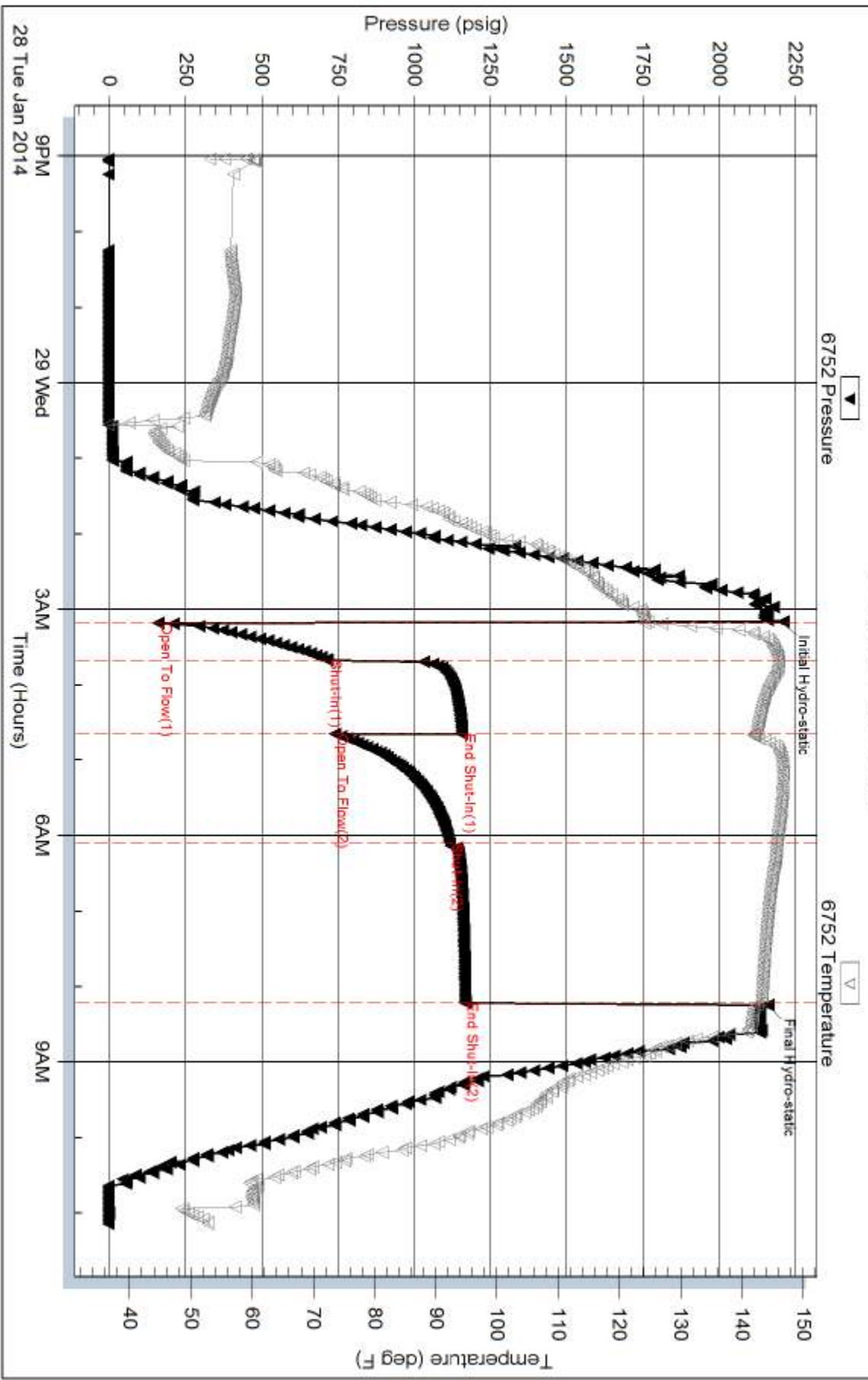
Laboratory Name:

Laboratory Location:

Recovery Comments: RW = .444 @ 51 DEG F

CHLORIDES = 22,000 PPM

Pressure vs. Time





TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Berexco LLC
 2020 N. Bramblewood
 Wichita KS 67206
 ATTN: Peter Vollmer

35 - 1S - 36W Rawlins KS
Kenneth #1-35
 Job Ticket: 55959 **DST#: 3**
 Test Start: 2014.01.29 @ 21:32:00

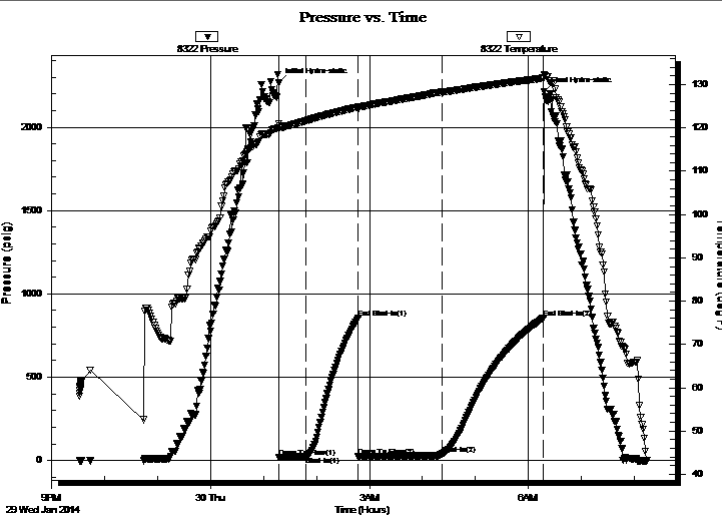
GENERAL INFORMATION:

Formation: **LKC " C "**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 01:17:50
 Time Test Ended: 08:13:40
 Interval: **4356.00 ft (KB) To 4410.00 ft (KB) (TVD)**
 Total Depth: 4410.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: 58
 Unit No: Ryan Nichols
 Reference Elevations: 3326.00 ft (KB)
 3313.00 ft (CF)
 KB to GR/CF: 13.00 ft

Serial #: 8322 Outside

Press@RunDepth: 38.42 psig @ 4357.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.01.29 End Date: 2014.01.30 Last Calib.: 2014.01.30
 Start Time: 21:32:01 End Time: 08:13:40 Time On Btm: 2014.01.30 @ 01:17:40
 Time Off Btm: 2014.01.30 @ 06:17:40

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



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2265.62	120.92	Initial Hydro-static
1	19.96	119.92	Open To Flow (1)
30	22.79	121.62	Shut-In(1)
90	854.04	124.83	End Shut-In(1)
90	25.04	124.38	Open To Flow (2)
184	38.42	128.26	Shut-In(2)
300	855.73	131.49	End Shut-In(2)
301	2215.12	132.37	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud 100%m	0.05

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco LLC

35 - 1S - 36W Rawlins KS

2020 N. Bramblewood
Wichita KS 67206

Kenneth #1-35

Job Ticket: 55959

DST#: 3

ATTN: Peter Vollmer

Test Start: 2014.01.29 @ 21:32:00

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: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.60 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1800.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Mud 100%m	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:

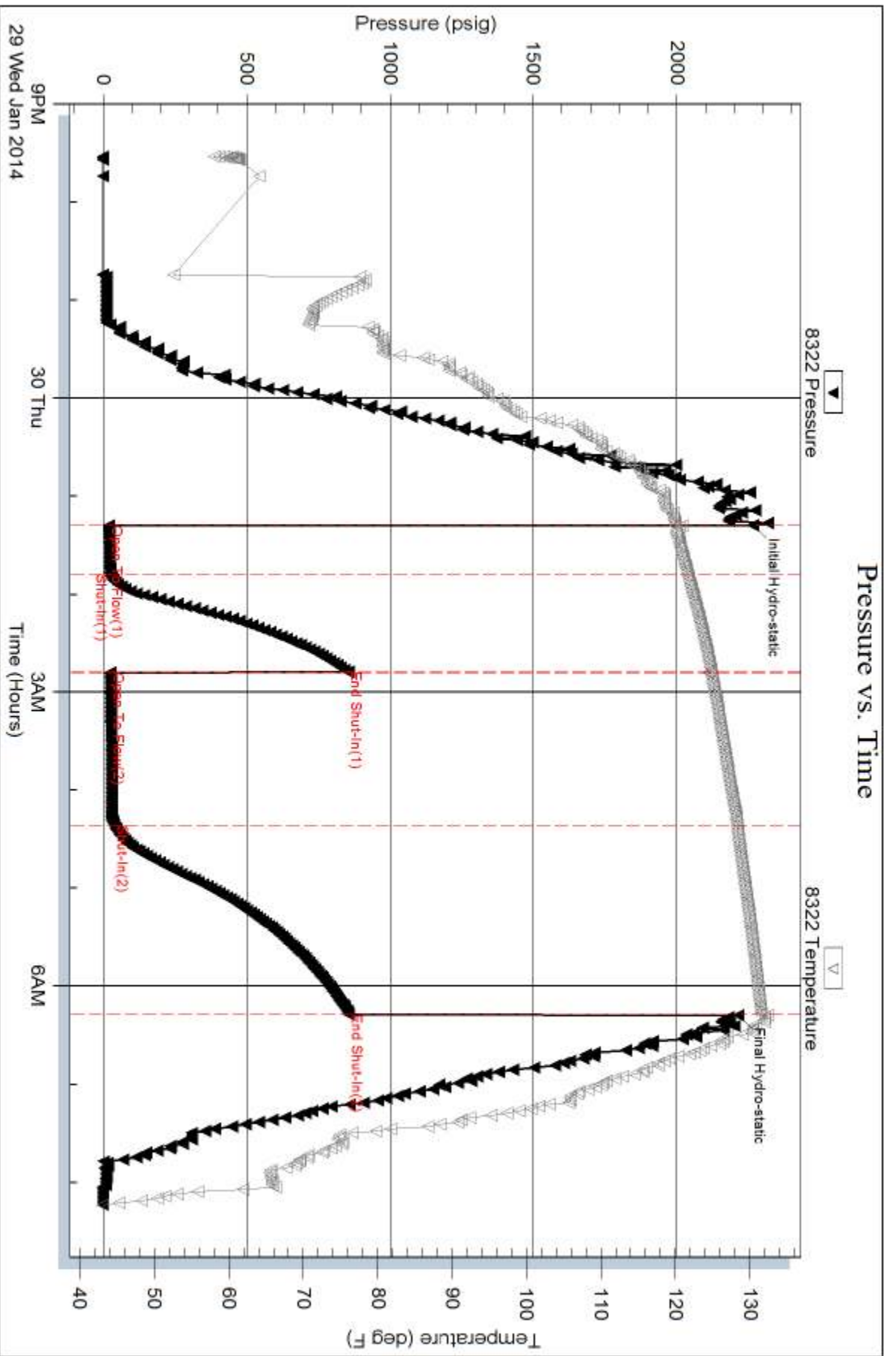
Recovery Comments:

Serial #: 8322

Outside Berexco LLC

Kenneth #1-35

DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 55959

Printed: 2014.01.30 @ 09:51:29



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Berexco LLC
2020 N. Bramblewood
Wichita KS 67206
ATTN: Peter Vollmer

35 - 1S - 36W Rawlins KS

Kenneth #1-35

Job Ticket: 55960 **DST#: 4**

Test Start: 2014.01.30 @ 20:39:00

GENERAL INFORMATION:

Formation: **LKC "D - E"**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 00:21:50 Tester: 58
 Time Test Ended: 09:17:19 Unit No: Ryan Nichols
 Interval: **4396.00 ft (KB) To 4490.00 ft (KB) (TVD)** Reference Elevations: 3326.00 ft (KB)
 Total Depth: 4490.00 ft (KB) (TVD) 3313.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 13.00 ft

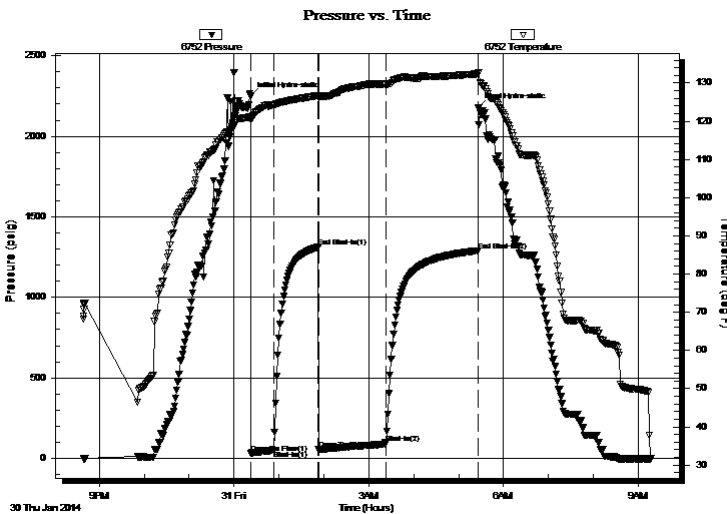
Serial #: 6752

Inside

Press@RunDepth: 93.07 psig @ 4397.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.01.30 End Date: 2014.01.31 Last Calib.: 2014.01.31
 Start Time: 20:39:01 End Time: 09:17:19 Time On Btm: 2014.01.31 @ 00:21:40
 Time Off Btm: 2014.01.31 @ 05:26:30

TEST COMMENT: 30 IF - 1" blow built to 4"
 60 ISI - No return
 90 FF - Surface blow built to 2"
 120 FSI - No return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2249.02	121.11	Initial Hydro-static
1	32.24	120.42	Open To Flow (1)
31	49.69	124.20	Shut-In(1)
91	1311.57	126.74	End Shut-In(1)
92	53.85	126.33	Open To Flow (2)
181	93.07	129.68	Shut-In(2)
305	1289.93	132.40	End Shut-In(2)
305	2177.57	132.68	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
100.00	Mud w/oil spots 100%m	0.49

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco LLC

35 - 1S - 36W Rawlins KS

2020 N. Bramblewood
Wichita KS 67206

Kenneth #1-35

Job Ticket: 55960

DST#: 4

ATTN: Peter Vollmer

Test Start: 2014.01.30 @ 20:39:00

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: 44.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1600.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
100.00	Mud w /oil spots 100%m	0.492

Total Length: 100.00 ft Total Volume: 0.492 bbl

Num Fluid Samples: 0

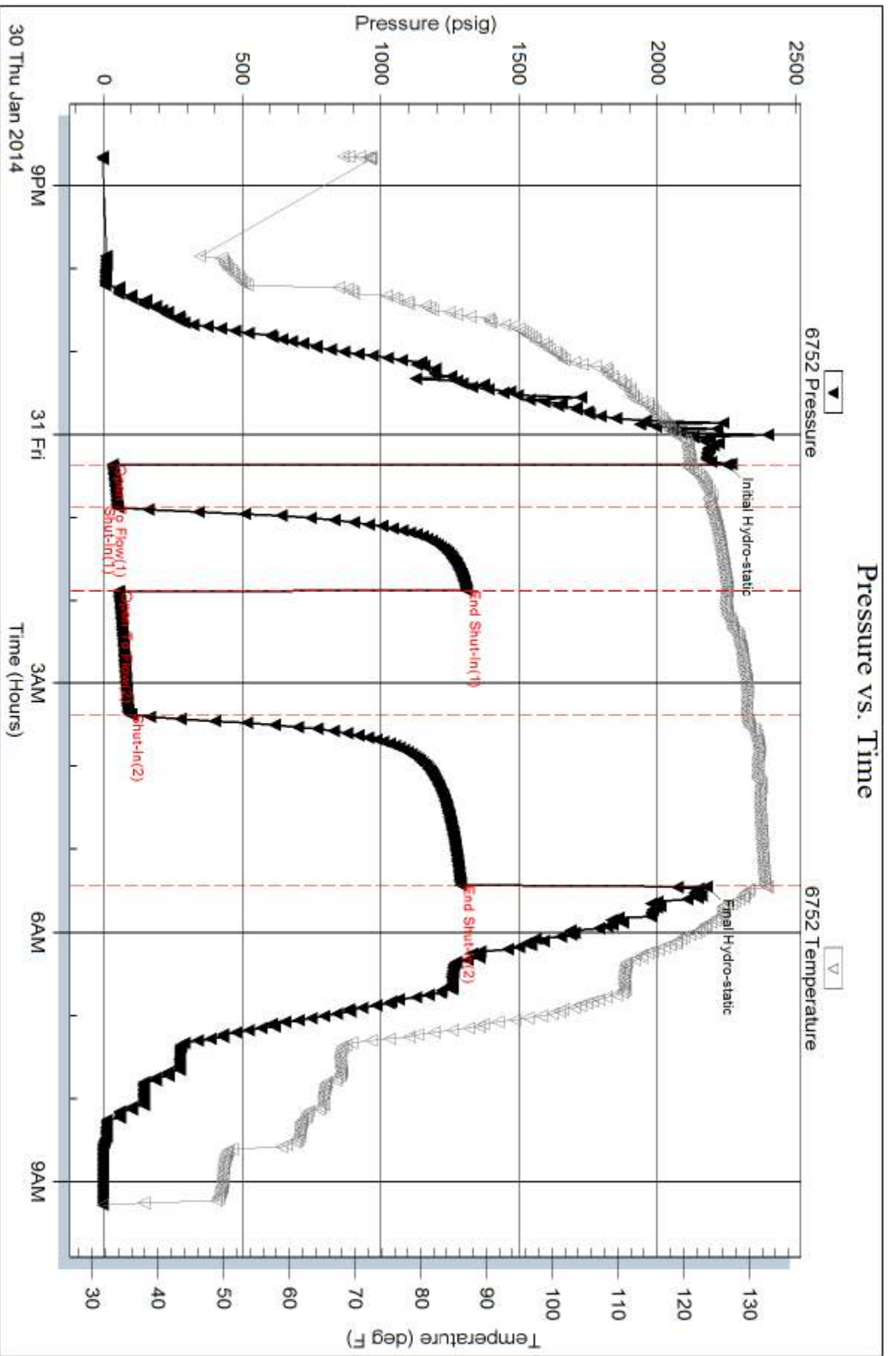
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Berexco LLC
 2020 N. Bramblewood
 Wichita KS 67206
 ATTN: Peter Vollmer

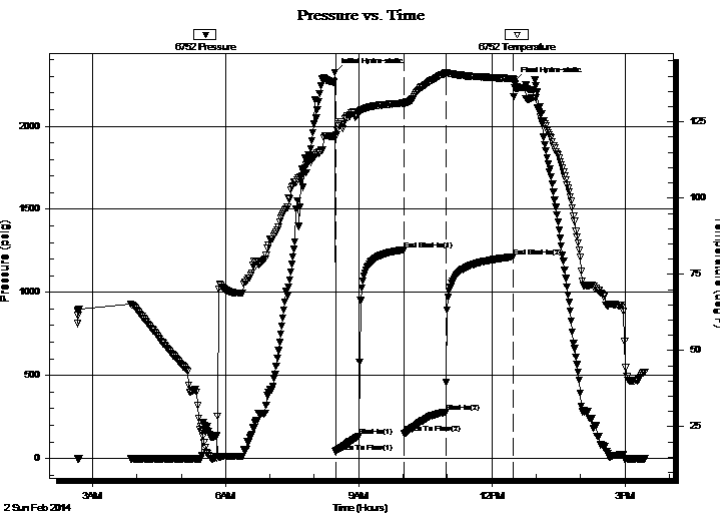
35 - 1S - 36W Rawlins KS
Kenneth #1-35
 Job Ticket: 55961 **DST#: 5**
 Test Start: 2014.02.02 @ 02:40:00

GENERAL INFORMATION:

Formation: **Pawnee**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 08:28:30 Tester: 58
 Time Test Ended: 15:27:49 Unit No: Ryan Nichols
 Interval: **4625.00 ft (KB) To 4736.00 ft (KB) (TVD)** Reference Elevations: 3326.00 ft (KB)
 Total Depth: 4736.00 ft (KB) (TVD) 3313.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 13.00 ft

Serial #: 6752 Inside
 Press@RunDepth: 279.24 psig @ 4626.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.02.02 End Date: 2014.02.02 Last Calib.: 2014.02.03
 Start Time: 02:40:01 End Time: 15:27:49 Time On Btm: 2014.02.02 @ 08:28:09
 Time Off Btm: 2014.02.02 @ 12:29:40

TEST COMMENT: 30 IF - Surface blow built to BoB @ 7 mins
 60 ISI - No return
 60 FF - Surface blow started @ 4 mins built to BoB @ 45 mins
 90 FSI - No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2324.05	120.49	Initial Hydro-static
1	39.79	120.25	Open To Flow (1)
33	133.04	128.02	Shut-In(1)
94	1256.31	131.15	End Shut-In(1)
94	149.29	130.88	Open To Flow (2)
150	279.24	141.04	Shut-In(2)
241	1214.18	139.21	End Shut-In(2)
242	2265.71	137.89	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
440.00	MCW - 5%M - 95%W	2.16
120.00	WCM - 25%W - 75%M	0.85

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco LLC
2020 N. Bramblewood
Wichita KS 67206
ATTN: Peter Vollmer

35 - 1S - 36W Rawlins KS
Kenneth #1-35
Job Ticket: 55961 **DST#: 5**
Test Start: 2014.02.02 @ 02:40:00

Mud and Cushion Information

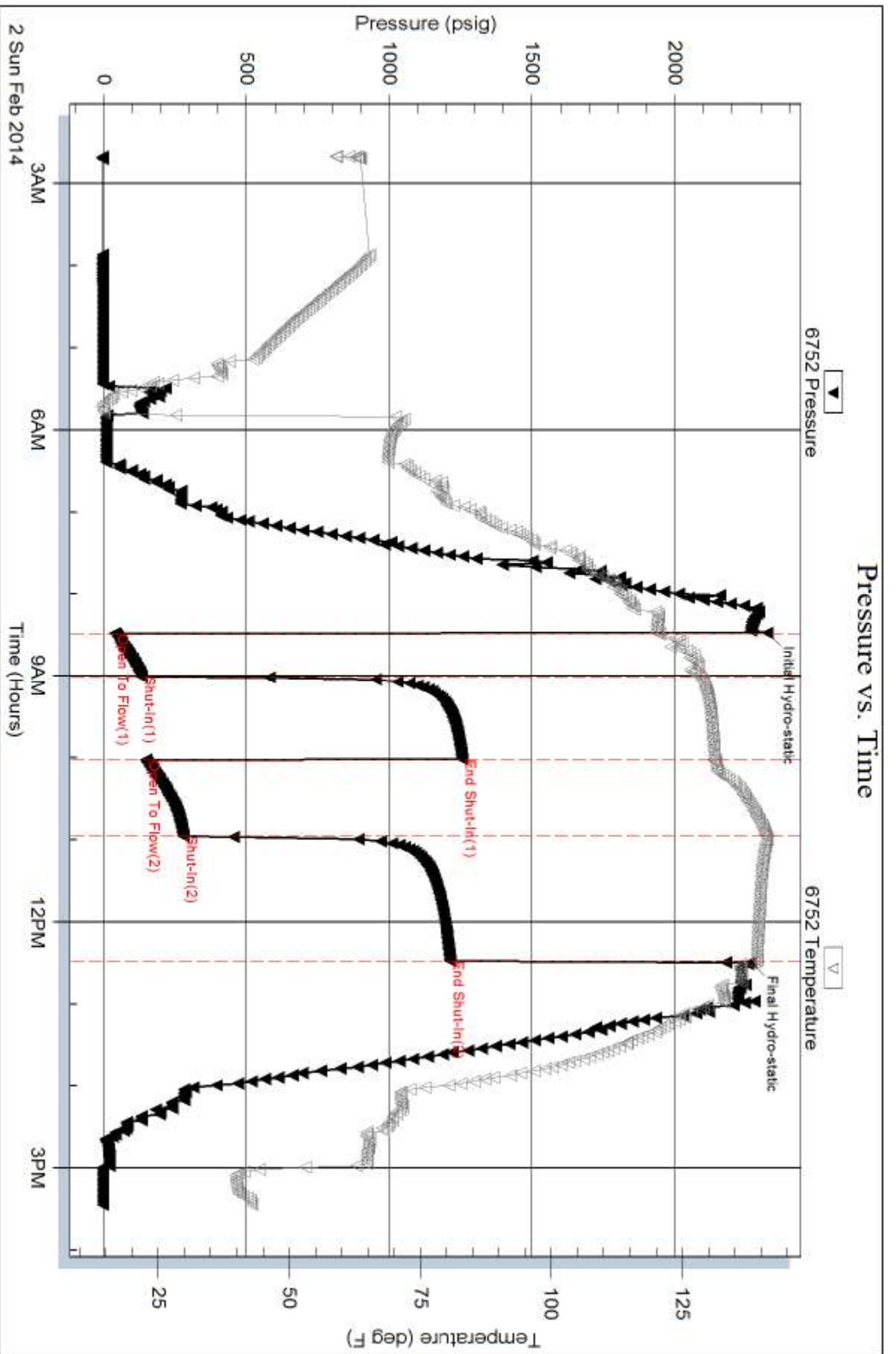
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 43.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.60 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1400.00 ppm			
Filter Cake: 2.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
440.00	MCW - 5%M - 95%W	2.164
120.00	WCM - 25%W - 75%M	0.854

Total Length: 560.00 ft Total Volume: 3.018 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:



BEREXCO LLC

KENNETH 1-35

S2 SW SW SEC 35 T1S R36W

RAWLINS COUNTY, KANSAS

SUMMARY	1
WELL DATA	2
FORMATION TOPS	3
LITHOLOGY & SHOWS	4
SERVICES	10
DRILL STEM TESTS	11
MUD REPORTS	21

SUMMARY

The Berexco LLC Kenneth 1-35 in Rawlins County, Kansas spud January 23, 2014 and reached a total depth of 4740' on February 1, 2014. The test drilled into the Pennsylvanian Cherokee for wireline logs. Wellsite geological supervision commenced at 3000'. The primary objective was the Pennsylvanian Missourian Lansing-Kansas City carbonate benches, which produce nearby. Secondary zones of interest were the Foraker and Oread Limestones. The Kenneth 1-35 was drilled using seismic and nearby well control.

Evaluation of the primary zones of interest was by drill stem testing after sample analysis. Five DSTs were run.

Foraker, Oread, Lansing-Kansas City, and Pawnee

Samples of the Foraker revealed clean, nonporous limestone that did not warrant testing.

DST 1 in the Oread recovered 800 ft of muddy water. Samples were fossiliferous packstone with poor interparticle porosity, scattered oil stain, and good cuts.

The Lansing A was circulated out for evaluation. The limestone was nonporous with no hydrocarbons evident. The lower sandstone was very fine grained with fair porosity and abundant black dead oil specks and flakes. The decision was made to drill deeper to the Lansing B before testing. Lansing B limestone displayed scattered poor vuggy and interparticle porosity with spotty black oil stain. DST 2 tested the Lansing A lower sandstone and Lansing B. Recovery was 2400 ft of water and 40 ft of oil and water cut mud.

DST 3 in the Lansing C recovered 10 ft of mud with poor flow pressures. The limestone had only trace porosity and trace hydrocarbon shows. Wireline logs showed the Lansing C was tight.

The Lansing D was a thin tight mudstone with very poor sample shows and porosity. The decision was made to drill through the Lansing E limestone and test the D and E zones together. The Lansing E limestone was mudstone to packstone with scattered heavy oil specks and stain. DST 4 in the combined D and E zones recovered 100 ft of mud with oil spots. Wireline logs confirmed lack of porosity in the E.

The Lansing F was nonporous limestone with no sample shows.

Structurally the Kenneth 1-35 was 17 ft low to the nearby Berexco Lillie 1-26 F interval. With the lack of potential production the test was deepened through the Pawnee and into the Cherokee. No shows in traces of poor porosity were observed in the Pawnee. The Cherokee was nonporous. After wireline logs DST 5 tested the Pawnee with anchor pipe run to TD. Recovery was 500 ft of water and mud.

Plugged and Abandoned

Subsequent to wireline logs the Kenneth 1-35 was plugged and abandoned according to orders from the Oil & Gas Conservation Division of the Kansas Corporation Commission.

Peter J. Vollmer
Consulting Wellsite Geologist, WPG #3369
February 2014

Berexco LLC
Kenneth 1-35

WELL DATA

OPERATOR: Berexco LLC
2020 North Bramblewood Drive
Wichita, Kansas 67206

WELL NAME: Kenneth 1-35

SURFACE LOCATION: 330' FSL & 660' FWL
S2 SW SW, Sec 35, T1S, R36W
Rawlins County, Kansas

LATITUDE & LONGITUDE: 39.9164827, -101.3330731 (From State, calculated from footages)

BOTTOM HOLE LOCATION: Vertical hole

ELEVATIONS: 3313' GL 3326' KB

API NUMBER: 15-153-20979

BASIN: Mid-Continental Arch

FIELD: Wildcat

HOLE SIZE: 12 1/4" to 310'; 7 7/8" to 4740'

CASING: 8 5/8" J-55 24# STC set to 310' KB

SPUD DATE: January 23, 2014

TD DATE: February 1, 2014

TOTAL DEPTH: 4740' Rig TD 4736' Log TD

LAST FORMATION: Pennsylvanian Cherokee

WELL STATUS: Plugged and abandoned

OPERATOR REPRESENTATIVE: Dana Wreath - Vice President

WELLSITE GEOLOGIST: Peter J. Vollmer

FORMATION TOPS

Formation	Sample Top	Log Top	Log TVD	Log Datum
KB				3326
Pierre Sh	Cased	Cased	N/A	N/A
Niobrara Fm	N/A	1206	1206	+2120
Fort Hays Ls Mbr	N/A	1753	1753	+1573
Carlile Sh	N/A	1807	1807	+1519
Dakota	N/A	2050	2050	+1276
Cheyenne	N/A	2718	2718	+608
Blaine	N/A	3004	3004	+322
Stone Corral Anhydrite	3218	3216	3216	+110
Base Anhydrite	3251	3248	3248	+78
Neva	3708	3714	3714	-388
Foraker	3816	3826	3826	-500
Wabaunsee	3946	3946	3946	-620
Topeka	4046	4040	4040	-714
Deer Creek Sand	4090	4084	4084	-758
Oread	4164	4172	4172	-846
Lansing-Kansas City				
"A"	4270	4266	4266	-940
"B"	4325	4323	4323	-997
"C"	4387	4382	4382	-1056
"D"	4431	4424	4424	-1098
"E"	4473	4466	4466	-1140
"F"	4510	4504	4504	-1178
Pawnee	4657	4654	4654	-1328
Cherokee	4688	4677	4677	-1351
TD Driller	4740			
TD Logger		4736	4736	-1410

LITHOLOGY AND SHOWS

The following descriptions are interpretive. Rig crew members collected unlagged samples from 3500' to 4625' TD. Depths are rig depths except where noted as wireline.

3500' - 3550'	SHALE: red to gray, firm, blocky, very silty, occasional sandy in part, non calcareous, trace Limestone stringers.
3550' - 3600'	SHALE: reddish brown, soft to firm, sub blocky to platy, non to slightly calcareous, occasionally silty.
3600' - 3650'	SHALE: reddish brown, soft to firm, sub blocky to platy, non to slightly calcareous, occasional silty, trace limestone.
3650' - 3708'	SHALE: reddish brown, soft to firm, sub blocky, non calcareous, occasional silty.
NEVA	SAMPLE TOP: 3708' LOG TOP: 3714' SUBSEA: -388'
3708' - 3715'	LIMESTONE: white to light gray, firm to hard, chalky, fossil fragment, tight, no shows.
3715' - 3750'	SHALE: reddish brown, soft to firm, sub blocky to sub fissile, non calcareous, occasionally silty.
3750' - 3784'	SHALE: reddish brown to brown, soft to firm, sub blocky, non calcareous, occasional silty, with interbedded LIMESTONE: white to light gray, firm to hard, cryptocrystalline, fossil fragment, tight, no shows.
3784' - 3816'	SHALE: reddish brown to reddish orange, soft to firm, sub blocky to sub fissile, non calcareous, occasional silty.
FORAKER	SAMPLE TOP: 3816' LOG TOP: 3826' SUBSEA: -500'
3816' - 3830'	LIMESTONE: white to light gray, firm to hard, cryptocrystalline, chalky, fossil fragment, clean, tight, no shows.
3830' - 3848'	SHALE: gray, firm, blocky, non to slightly calcareous, fossil fragments.
3848' - 3878'	LIMESTONE: light tan to light gray to white to cream, firm to soft, cryptocrystalline, slightly chalky, sandy/silty, rare fossil fragments, argillaceous in part, occasional light gray Shale, tight, no shows.

LITHOLOGY AND SHOWS

3878' - 3896'	SHALE: reddish brown to gray green, soft to firm, sub blocky, non calcareous, occasionally silty.
3896' - 3905'	LIMESTONE: light tan to light gray to white to cream, firm to soft, cryptocrystalline, slightly chalky, occasional sandy, rare fossil fragments, argillaceous in part, occasional light orange Shale stringers, trace light orange chert, tight, no shows.
3905' - 3926'	SHALE: reddish brown, soft to firm, sub blocky, non calcareous, occasional silty.
3926' - 3932'	LIMESTONE: cream to gray, hard, slightly silica, embedded dark gray rounded fine grained sand, tight, no shows.
3932' - 3946'	SHALE: dark gray to black, firm, fissile to blocky, non calcareous, carbonaceous in part.
WABAUNSEE	SAMPLE TOP: 3946' LOG TOP: 3946' SUBSEA: -620'
3946' - 3980'	SHALE: red brown, soft to firm, blocky, non to slightly calcareous, with interbedded LIMESTONE: white to cream, occasional light reddish brown mottling, hard to firm, cryptocrystalline, fossil fragments, tight, no shows.
3980' - 4018'	SHALE: reddish brown, soft to firm, sub blocky, non calcareous, occasional LIMESTONE stringers.
4018' - 4030'	LIMESTONE: white to very light gray, firm to hard, cryptocrystalline, chalky, fossil fragment, clean, tight, no shows.
4030' - 4046'	SHALE: reddish brown, soft to firm, sub blocky, non calcareous.
TOPEKA	SAMPLE TOP: 4046' LOG TOP: 4040' SUBSEA: -714'
4046' - 4060'	LIMESTONE: light gray to white, hard to firm, cryptocrystalline, fossil fragments, sparry calcareous, algal stain, (dead oil), micro fractures with dead oil, tight, no shows.
4060' - 4072'	LIMESTONE: light gray to white, hard to firm, packstone, fossil fragments, clear calcareous fill in vugs, opaque chert, black live oil stain, tight, bright yellowish white fluorescence, streaming bright yellowish white cuts, fair shows.
4072' - 4084'	LIMESTONE: white, hard to firm, cryptocrystalline, fossil fragments, chalky, algal stain, (dead oil), no shows.

LITHOLOGY AND SHOWS

4084' - 4090'	SHALE: gray, firm, platy, non to slightly calcareous, dull, plant remains.
DEER CREEK SAND	SAMPLE TOP: 4090' LOG TOP: 4084' SUBSEA: -758'
4090' - 4106'	SANDSTONE: light gray to white, friable to soft, very fine grained, well rounded, well sorted, calcareous, clay filled, plant remains, black dead oil specks, no visible porosity, no show.
4106' - 4118'	SHALE: reddish brown, soft to firm, sub blocky, non calcareous, occasional silty.
4118' - 4130'	LIMESTONE: white to cream, with reddish brown mottlings and partings, hard to firm, cryptocrystalline, chalky, trace black dead oil, interbedded SHALE, red, firm, calcareous.
4130' - 4164'	SHALE: reddish brown, maroon, soft to firm, sub blocky, non calcareous, moderately to very silty in part, white LIMESTONE partings.
OREAD	SAMPLE TOP: 4164' LOG TOP: 4172' SUBSEA: -846'
4164' - 4174'	LIMESTONE: white to cream, hard, microcrystalline, patchy black oil stain, tight, dull yellowish white fluorescence, instant blooming yellowish white cuts, with slow streaming bright yellowish white cuts, fair show.
4174' - 4181'	LIMESTONE: cream to white, firm to hard, wackestone to packstone, trace oolites, chalky in part, fossil fragments, tight to trace interparticle porosity, scattered black to dark brown live oil stain, bright yellowish white fluorescence, instant blooming yellowish white cuts, fair show.
4181' - 4195'	LIMESTONE: white to cream, very hard, cryptocrystalline, slightly chalky, fossil fragment, very thin black Shale partings, clean, tight, no shows.
4195' - 4228'	SHALE: gray to very dark gray,, firm, platy to fissile, n to slightly calcareous, occasional very carbonaceous and silty, interbedded LIMESTONE.
4228' - 4236'	SHALE: reddish brown to reddish orange, soft to firm, sub blocky, non calcareous.
4236' - 4244'	SHALE: grayish black to dark gray, firm, sub fissile, carbonaceous, non to very slightly calcareous.
4244' - 4252'	LIMESTONE: white to light brown to cream, very hard, cryptocrystalline, rare fossil fragment, clean, tight, no shows.
4252' - 4270'	SHALE: reddish brown, soft to firm, sub blocky, non calcareous.

LITHOLOGY AND SHOWS

LANSING- KANSAS CITY "A"

SAMPLE TOP: 4270' LOG TOP: 4266' SUBSEA: -940'

4270' - 4292'

LIMESTONE: very light gray to cream to white, hard, cryptocrystalline, occasional very thin micro fracture faces with dark brown dead oil, no visible matrix porosity, mineral fluorescence, no cut.

4292' - 4300'

SANDSTONE: very light gray to white, very friable, very fine grained, well rounded, well sorted, very weak calcareous cement, abundant black dead oil specs, fair intergranular porosity, no show.

4300' - 4325'

SHALE: reddish brown, soft to firm, sub blocky, non calcareous, interbedded white to light gray LIMESTONE.

LANSING- KANSAS CITY "B"

SAMPLE TOP: 4325' LOG TOP: 4323' SUBSEA: -997'

4325' - 4334'

LIMESTONE: white, firm, mudstone to packstone, fossil(Crinoid, Fusulinids), trace intergranular and pin point vuggy porosity, spotty live heavy black oil, bright yellowish white fluorescence, blooming yellowish white cuts with slow streaming cuts, fair show.

4334' - 4350'

SHALE: dark gray, firm, platy, slightly carbonaceous in part, interbedded light gray LIMESTONE.

4350' - 4357'

LIMESTONE: light tan, hard, cryptocrystalline, dense, tight, no shows.

4357' - 4387'

SHALE: reddish brown to gray to maroon, firm, sub blocky, slightly calcareous, dull, fossil fragments.

LANSING- KANSAS CITY "C"

SAMPLE TOP: 4387' LOG TOP: 4382' SUBSEA: -1056'

4387' - 4399'

LIMESTONE: white to light gray, hard to firm, packstone to mudstone, chalky, very fossil, poor intergranular porosity and trace pin-point vuggy porosity, occasional spotty black heavy oil, dull yellowish white fluorescence, bright streaming and blooming yellowish white cuts, poor show.

4399' - 4423'

SHALE: gray to dark gray, firm, sub blocky, slightly carbonaceous in part, interbedded light gray LIMESTONE.

4423' - 4431'

SHALE: reddish brown to gray, firm, sub blocky, slightly calcareous, dull.

LITHOLOGY AND SHOWS

LANSING- KANSAS CITY "D"

SAMPLE TOP: 4431' LOG TOP: 4424' SUBSEA: -1098'

4431' - 4441'

LIMESTONE: light gray to white to grayish brown, hard, mudstone grainstone, occasional abundant oolites heavily included by sparry calcite, fossil fragments, no stain, no visible porosity, no shows.

4441' - 4448'

SHALE: grayish black to dark gray, firm, sub fissile, slightly carbonaceous in part, non calcareous.

4448' - 4453'

LIMESTONE: light brown to tan, firm, argillaceous, fossil fragments, tight.

4453' - 4473'

SHALE: gray to dark gray, firm, platy, non to slightly calcareous, interbedded light gray LIMESTONE.

LANSING- KANSAS CITY "E"

SAMPLE TOP: 4473' LOG TOP: 4466' SUBSEA: -1140'

4473' - 4488'

LIMESTONE: white to very light brown, firm, grainstone to wackestone, scattered fossil fragment, rare oolites, slightly chalky, scattered dark brown to black oil stain, free oil in vugs, trace intergranular and vuggy porosity, bright yellowish white fluorescence, instant blooming bright yellowish white cuts, fast streaming cuts, good show.

4488' - 4494'

SHALE: gray to dark gray, firm, platy, non to slightly calcareous, occasional fossil (Brachiopod), dull.

4494' - 4510'

SHALE: reddish brown, soft to firm, sub blocky, non to slightly calcareous, silty.

LANSING- KANSAS CITY "F"

SAMPLE TOP: 4510' LOG TOP: 4504' SUBSEA: -1178'

4510' - 4520'

LIMESTONE: cream to white, firm to hard, mudstone to very fine crystalline,, trace fossil fragment, trace black asphalt specs(dead oil), no visible porosity, faint yellow grain fluorescence, weak residual green cuts, very poor show.

4520' - 4525'

SHALE: gray to dark gray, firm, fissile to platy, n to slightly calcareous, dull, slightly carbonaceous in part.

4525' - 4532'

LIMESTONE: very light gray to white, hard, cryptocrystalline, clean, chalky, tight, no shows.

LITHOLOGY AND SHOWS

4532' - 4563'	SHALE: light gray to reddish brown, mottled in part, firm, sub fissile to sub blocky, non calcareous, interbedded white to light gray LIMESTONE.
4563' - 4584'	SHALE: maroon to reddish brown, soft to firm, sub blocky to sub fissile, non calcareous.
4584' - 4592'	LIMESTONE: cream to white, firm to hard, mudstone, chalky, clean, tight, no shows.
4592' - 4598'	SANDSTONE: white to light gray, very friable, very fine grained, well rounded, well sorted, weak calcareous cement, clean, poor porosity, no shows.
4598' - 4622'	SHALE: gray to reddish brown to maroon to brown, mottled in part, firm, blocky to sub fissile, silty in part, non to moderately calcareous, thin white Limestone stringers.
4622' - 4632'	LIMESTONE: white, hard, mudstone, chalky, very fine rounded black Phosphatic pellets, trace black algal stain (dead oil), tight, no shows.
4632' - 4657'	SHALE: gray to dark gray to black, firm, fissile to platy, non to slightly calcareous, dull, slightly carbonaceous in part.
PAWNEE	SAMPLE TOP: 4657' LOG TOP: 4654' SUBSEA: -1328'
4657' - 4670'	LIMESTONE: white to very light gray, hard, mudstone, rare fossil fragment, clean, tight to trace intercrystalline porosity, no shows.
4670' - 4688'	LIMESTONE: white to very light gray, hard, mudstone, occasional fossil, occasional sandy, occasional black rounded Phosphatic concretions, tight, no shows.
CHEROKEE	SAMPLE TOP: 4688' LOG TOP: 4677' SUBSEA: -1351'
4688' - 4694'	SHALE: black to dark gray to gray, firm, blocky to fissile, occasional carbonaceous, trace pyrite, plant remains.
4694' - 4716'	LIMESTONE: white to light gray, firm to hard, mudstone, occasional sandy in part, argillaceous, tight, no shows.
4716' - 4740' TD	LIMESTONE: light gray to gray, firm to hard, mudstone, argillaceous, sandy in part, occasional dark gray moderately to non carbonaceous SHALE partings, tight, no shows.

Berexco LLC
Kenneth 1-35

SERVICES

CONTRACTOR:	Beredco Drilling Inc., Rig 2	
Toolpusher:	Milo Salinas	
DRILLING FLUIDS:	Morgan Mud, Inc.	McCook, ND
Mud Type:	Freshwater Chemical	308-340-5946
Engineer:	Dave Lines, Cade Lines	
MUD LOGGING:	None	
WELLSITE GEOLOGY:	T. M. McCoy & Co., Inc.	Wilson, WY
	Peter J. Vollmer	307-733-4332
DRILL STEM TESTING:	Trilobite Testing, Inc.	Hays, KS
	Ryan Nichols	
	DST 1: 4126' - 4180' Oread	
	DST 2: 4284' - 4340' LKC "A" & "B"	
	DST 3: 4356' - 4410' LKC "C"	
	DST 4: 4396' - 4490' LKC "D & E"	
	DST 5: 4625' - 4736' TD (wireline depth) Pawnee	
DIRECTIONAL DRILLING:	None	
WIRELINE LOGS:	Pioneer Wireline Services	Hays, KS
	RAG: Surface casing - TD	785-625-3858
	Engineer: Josh Ruiz	