



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1219272
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: _____

1219272

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
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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. <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Commingled <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	BEREXCO LLC
Well Name	Mears B 2-9
Doc ID	1219272

Tops

Name	Top	Datum
Niobrara	1193	+2085
Fort Hays	1724	+1554
Carlile Sh	1760	+1518
Dakota	2136	+1142
Cheyenne	2703	+575
Blaine	3004	+274
Stone Corral Anhydrite	3221	+57
Anhydrite (base)	3254	+24
Neva	3672	-394
Foraker	3783	-505
Wabaunsee	3944	-666
Topeka	4008	-730
Oread	410	-862
Heebner Sh	4184	-906
Lansing/KS City	4224	-946
Pawnee	4622	-1344
Cherokee	4681	-1403
RTD	4720	
LTD	4715	

WELL FILL

ALLIED OIL & GAS SERVICES, LLC 063495

Federal Tax I.D. # 20-8651475

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

SERVICE POINT:
Calley KS

DATE <u>5-21-14</u>	SEC. <u>9</u>	TWP. <u>1</u>	RANGE <u>37</u>	CALLED OUT	ON LOCATION <u>9:30 a.m.</u>	JOB START <u>9:30 a.m.</u>	JOB FINISH <u>10:00 a.m.</u>
LEASE <u>Mears B</u>	WELL # <u>29</u>	LOCATION <u>Brad City N to state line</u>			COUNTY <u>Cherokee</u>	STATE <u>KS</u>	
OLD OR <u>(NEW)</u> (Circle one)				<u>E to Y, 2 S</u>			

CONTRACTOR Beredio 2

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 310'

CASING SIZE 8 3/8 DEPTH 306'

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15'

PERFS.

DISPLACEMENT 18.5 bbl water

EQUIPMENT

PUMP TRUCK CEMENTER Paul Kraver

120 HELPER Tyler Flipse

BULK TRUCK

600 DRIVER Adam Flipse

BULK TRUCK

DRIVER

REMARKS:

Mix 225 sks Com 3+2

Displace w/ water

cement did circulate

Thank You!

Paul & Tyler

CHARGE TO: Beredio 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 Mylo Salinas

SIGNATURE Mylo Salinas

OWNER Same

CEMENT

AMOUNT ORDERED 225 sks Com

3 1/2 CC 2 1/2 gcl

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	@	
<u>Material Total</u>		<u>4633.10</u>
<u>(1,091.00/202)</u>		
HANDLING	<u>243.3 ft² @ 2.48</u>	<u>603.38</u>
MILEAGE	<u>11.10 tons @ 5.00 @ 2.167</u>	<u>1443.00</u>

TOTAL

SERVICE

DEPTH OF JOB		
PUMP TRUCK CHARGE		<u>1512.25</u>
EXTRA FOOTAGE	@	
MILEAGE m/hv	<u>50 @ 7.70</u>	<u>385.00</u>
MANIFOLD <u>sudgt</u>	@	<u>n/c</u>
<u>m/hv</u>	@	<u>n/c</u>
<u>(1,091.00/202)</u>		<u>3993.63</u>
TOTAL		

PLUG & FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	
TOTAL		

SALES TAX (if Any)

TOTAL CHARGES 8576.73

DISCOUNT 2401.48 (202) IF PAID IN 30 DAYS

6,175.24 Net.



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Berexco LLC
 2020 N. Bramblewood
 Wichita Ks 67206
 ATTN: Pete Vollmer

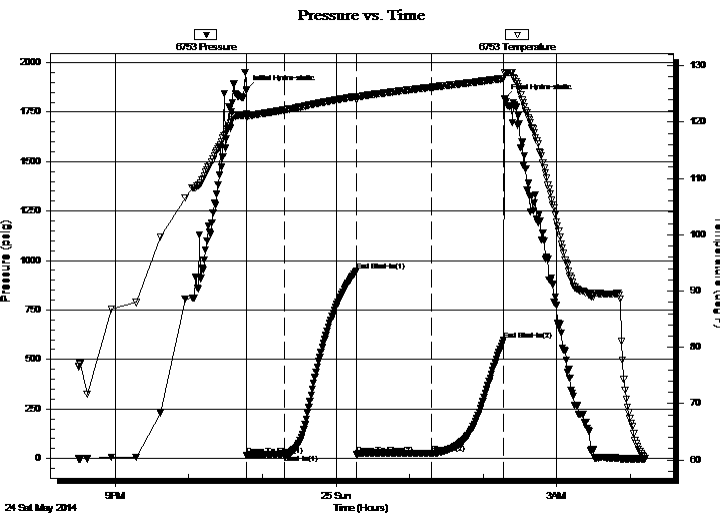
9-1S-37W
Mears B #2-9
 Job Ticket: 58306 **DST#: 1**
 Test Start: 2014.05.24 @ 20:30:00

GENERAL INFORMATION:

Formation: **Foracker**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 22:47:15
 Time Test Ended: 04:12:30
 Interval: **3754.00 ft (KB) To 3806.00 ft (KB) (TVD)**
 Total Depth: 3806.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Royal Fisher
 Unit No: #54
 Reference Elevations: 3278.00 ft (KB)
 3265.00 ft (CF)
 KB to GR/CF: 13.00 ft

Serial #: 6753 Inside
 Press @ Run Depth: 27.83 psig @ 3755.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.05.24 End Date: 2014.05.25 Last Calib.: 2014.05.25
 Start Time: 20:30:05 End Time: 04:12:29 Time On Btm: 2014.05.24 @ 22:47:00
 Time Off Btm: 2014.05.25 @ 02:17:45

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



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1863.62	121.57	Initial Hydro-static
1	16.29	120.92	Open To Flow (1)
31	20.56	122.15	Shut-In(1)
90	949.28	124.56	End Shut-In(1)
90	21.58	124.04	Open To Flow (2)
151	27.83	126.19	Shut-In(2)
210	600.00	127.75	End Shut-In(2)
211	1817.34	128.76	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
6.00	OSM - 100M - Oil Spots	0.03

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: Pete Vollmer

9-1S-37W
Mears B #2-9
Job Ticket: 58306 **DST#: 1**
Test Start: 2014.05.24 @ 20:30:00

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: 87.00 sec/qt	Cushion Volume: bbl		
Water Loss: 5.20 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 800.00 ppm			
Filter Cake: 2.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
6.00	OSM - 100M - Oil Spots	0.030

Total Length: 6.00 ft Total Volume: 0.030 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:

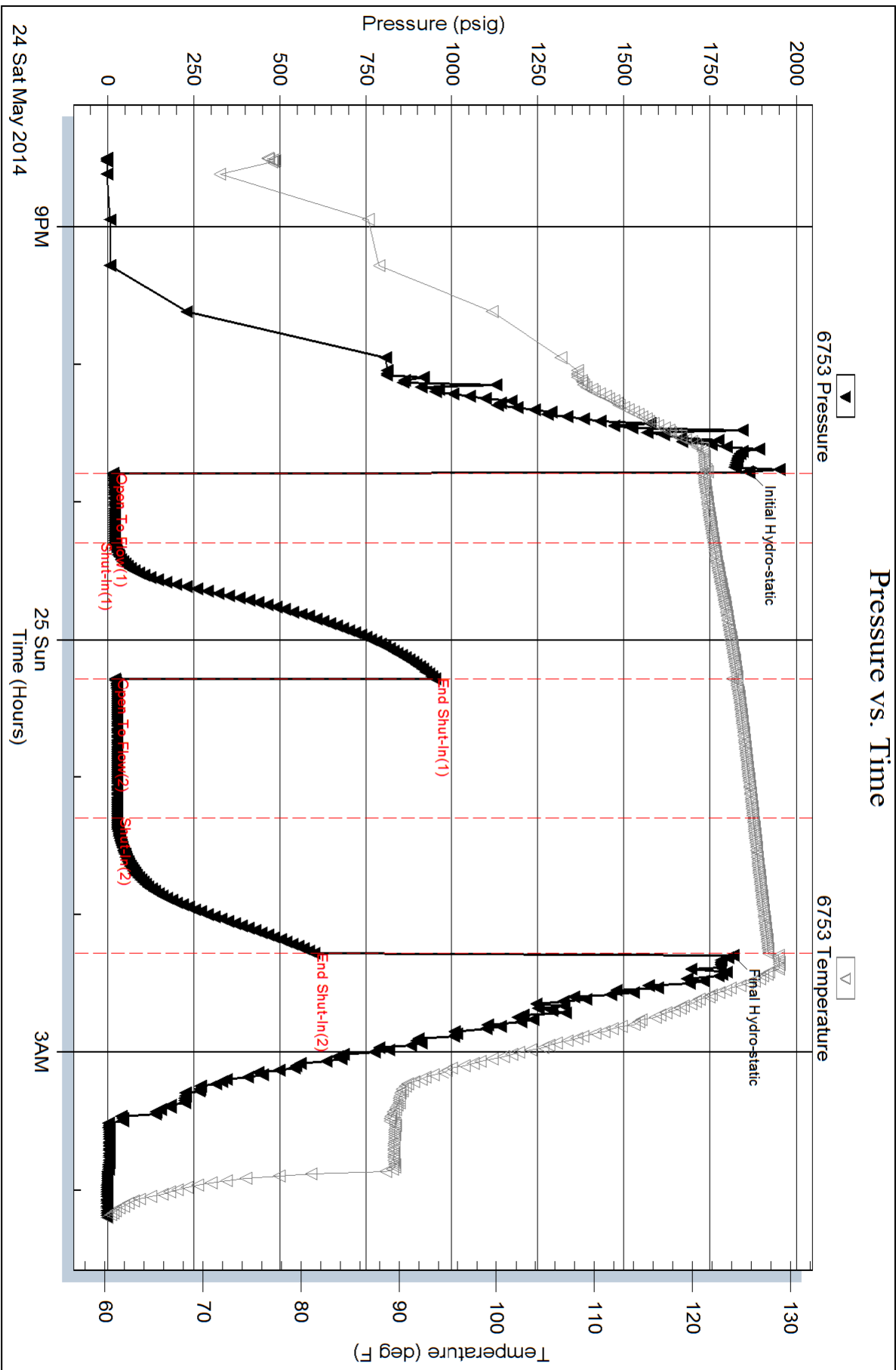
Serial #: 6753

Inside

Berexco LLC

Mears B#2-9

DST Test Number: 1





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Berexco LLC
 2020 N. Bramblewood
 Wichita Ks 67206
 ATTN: Pete Vollmer

9-1S-37W
Mears B #2-9
 Job Ticket: 56898 **DST#: 2**
 Test Start: 2014.05.26 @ 00:41:00

GENERAL INFORMATION:

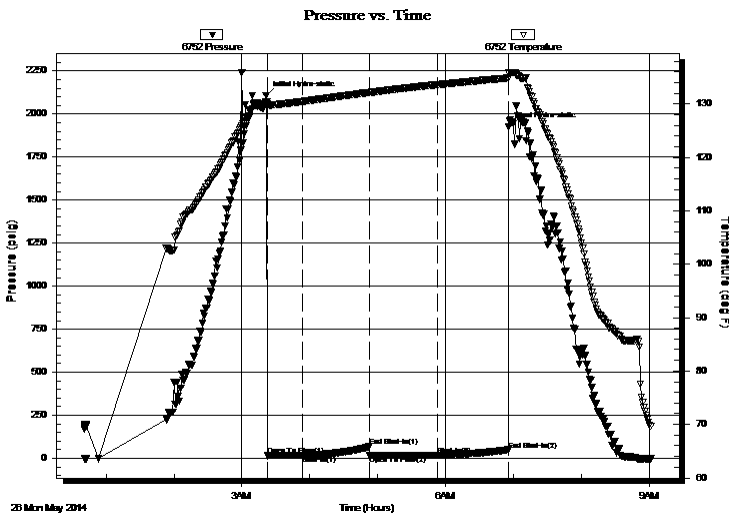
Formation: **Oread**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 03:22:40
 Time Test Ended: 09:01:20
 Interval: **4096.00 ft (KB) To 4155.00 ft (KB) (TVD)**
 Total Depth: 4155.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Ryan Nichols
 Unit No: 58
 Reference Elevations: 3278.00 ft (KB)
 3265.00 ft (CF)
 KB to GR/CF: 13.00 ft

Serial #: 6752 Inside
 Press @ Run Depth: 18.69 psig @ 4097.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.05.26 End Date: 2014.05.26 Last Calib.: 2014.05.26
 Start Time: 00:41:01 End Time: 09:01:20 Time On Btm: 2014.05.26 @ 03:21:10
 Time Off Btm: 2014.05.26 @ 06:55:40

TEST COMMENT: 30 IF - Surface blow died @ 20 mins
 60 ISI - No return
 60 FF - No blow
 60 FSI - No return

PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2107.60	130.33	Initial Hydro-static
2	15.13	129.79	Open To Flow (1)
32	16.58	130.44	Shut-In(1)
92	67.50	132.14	End Shut-In(1)
92	16.62	132.13	Open To Flow (2)
152	18.69	133.59	Shut-In(2)
214	48.77	134.83	End Shut-In(2)
215	1927.44	135.84	Final Hydro-static



Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud w/oil spots 100% m	0.02

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

9-1S-37W

2020 N. Bramblewood
Wichita Ks 67206

Mears B #2-9

Job Ticket: 56898

DST#: 2

ATTN: Pete Vollmer

Test Start: 2014.05.26 @ 00:41:00

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: 70.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.59 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 800.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud w /oil spots 100% _m	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

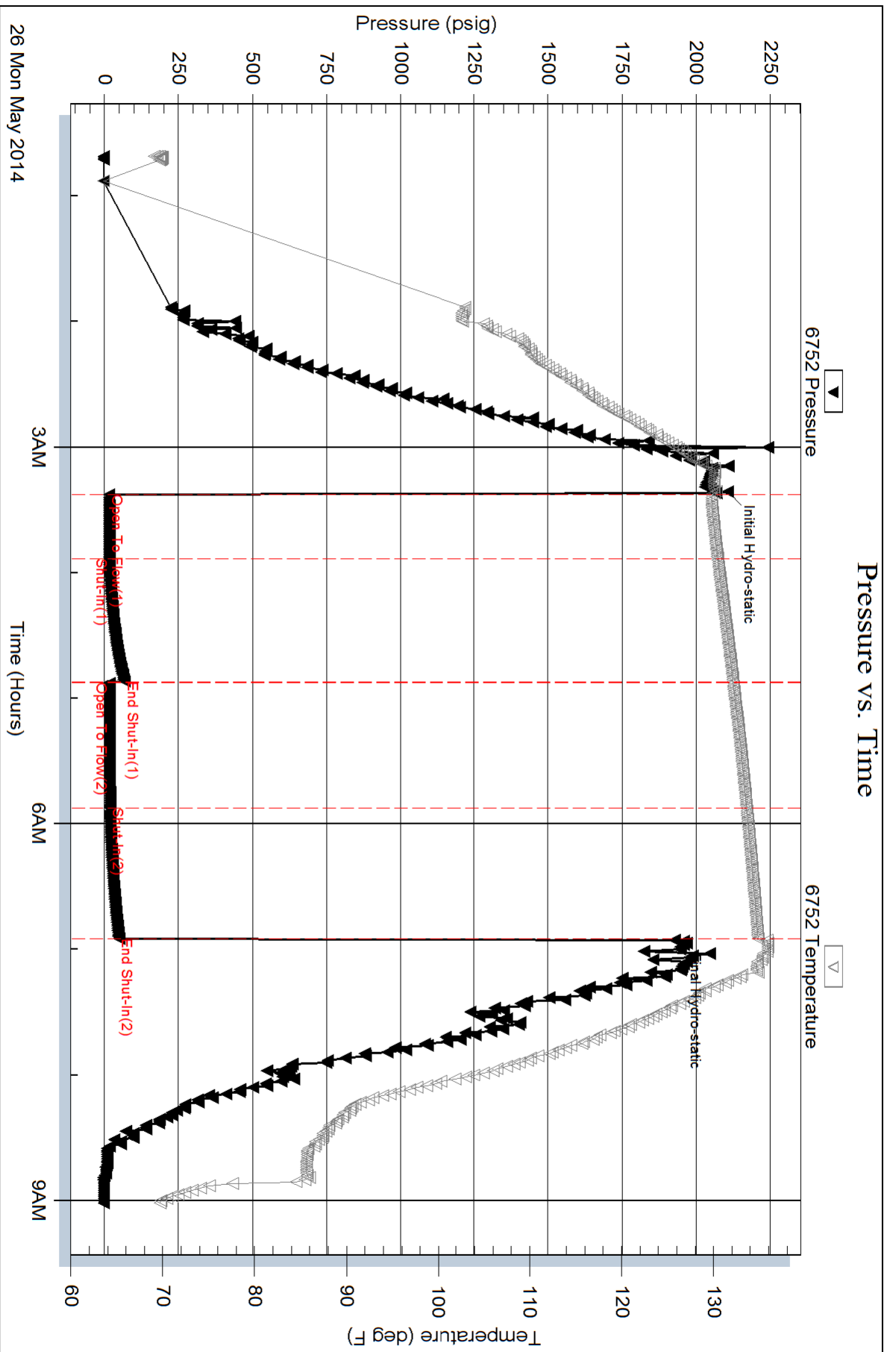
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Berexco LLC
 2020 N. Bramblewood
 Wichita Ks 67206
 ATTN: Pete Vollmer

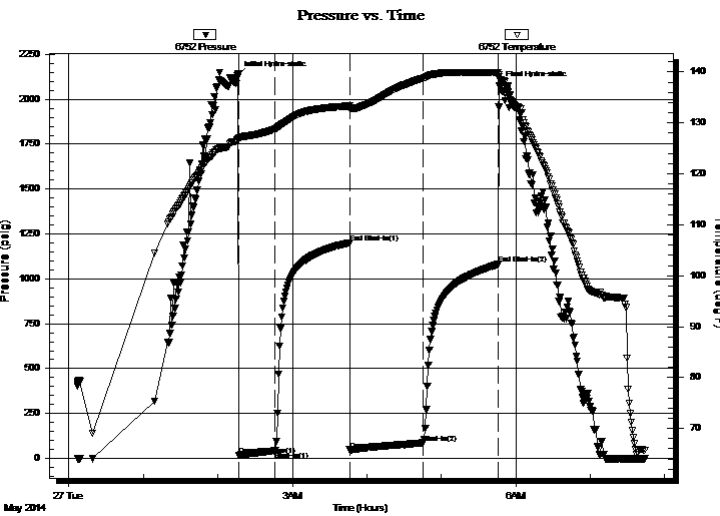
9-1S-37W
Mears B #2-9
 Job Ticket: 56899 **DST#: 3**
 Test Start: 2014.05.27 @ 00:07:00

GENERAL INFORMATION:

Formation: **LKC " B "**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 02:16:40
 Time Test Ended: 07:43:50
 Interval: **4246.00 ft (KB) To 4300.00 ft (KB) (TVD)**
 Total Depth: 4300.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Ryan Nichols
 Unit No: 58
 Reference Elevations: 3278.00 ft (KB)
 3265.00 ft (CF)
 KB to GR/CF: 13.00 ft

Serial #: 6752 Inside
 Press@RunDepth: 85.86 psig @ 4247.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.05.27 End Date: 2014.05.27 Last Calib.: 2014.05.27
 Start Time: 00:07:01 End Time: 07:43:50 Time On Btm: 2014.05.27 @ 02:15:40
 Time Off Btm: 2014.05.27 @ 05:46:30

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



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2129.60	126.75	Initial Hydro-static
1	17.06	126.69	Open To Flow (1)
31	41.65	128.77	Shut-In(1)
91	1200.71	133.35	End Shut-In(1)
91	46.65	132.89	Open To Flow (2)
150	85.86	138.77	Shut-In(2)
211	1080.35	139.85	End Shut-In(2)
211	2075.43	139.08	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
90.00	WCM - 50%W - 50%M	0.44
10.00	Mud 100%M	0.05

* Recovery from multiple tests

Gas Rates

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



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DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco LLC

9-1S-37W

2020 N. Bramblewood
Wichita Ks 67206

Mears B #2-9

Job Ticket: 56899

DST#: 3

ATTN: Pete Vollmer

Test Start: 2014.05.27 @ 00:07:00

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:

17000 ppm

Viscosity: 87.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.19 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 800.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
90.00	WCM - 50%W - 50%M	0.443
10.00	Mud 100%M	0.049

Total Length: 100.00 ft Total Volume: 0.492 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

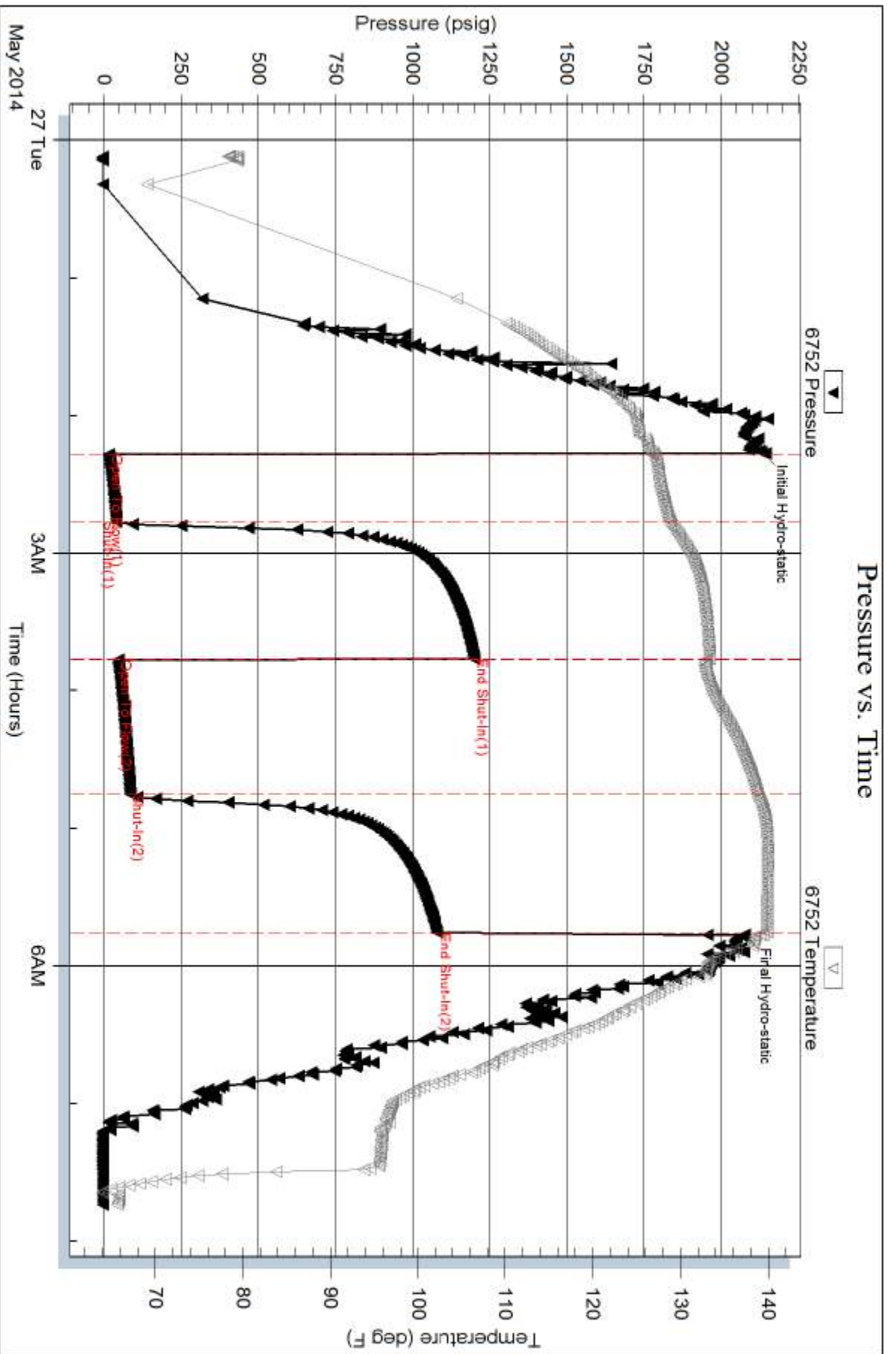
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW = .489 @ 65 DEG F

CHLORIDES = 17,000 PPM





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DRILL STEM TEST REPORT

Berexco LLC
2020 N. Bramblewood
Wichita Ks 67206
ATTN: Pete Vollmer

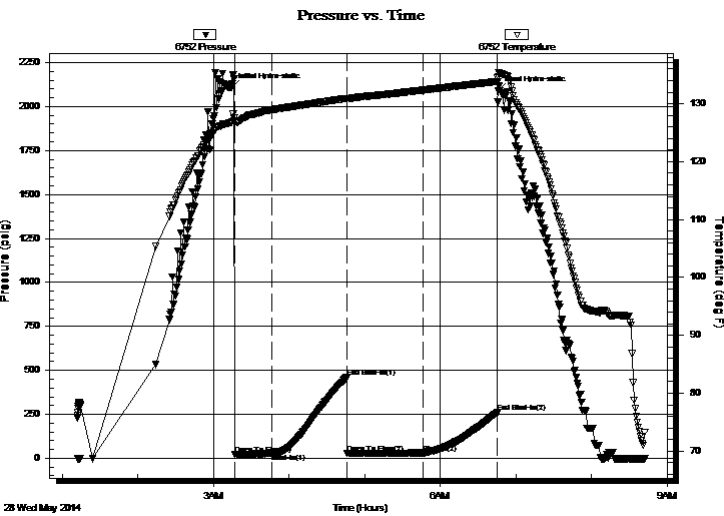
9-1S-37W
Mears B #2-9
Job Ticket: 56900 **DST#: 4**
Test Start: 2014.05.28 @ 01:12:00

GENERAL INFORMATION:

Formation: **LKC " C - E "**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 03:16:30
Time Test Ended: 08:42:09
Interval: **4312.00 ft (KB) To 4446.00 ft (KB) (TVD)**
Total Depth: 4446.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole (Reset)
Tester: Ryan Nichols
Unit No: 58
Reference Elevations: 3278.00 ft (KB)
3265.00 ft (CF)
KB to GR/CF: 13.00 ft

Serial #: 6752 Inside
Press@RunDepth: 30.23 psig @ 4313.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2014.05.28 End Date: 2014.05.28 Last Calib.: 2014.05.28
Start Time: 01:12:01 End Time: 08:42:10 Time On Btm: 2014.05.28 @ 03:14:30
Time Off Btm: 2014.05.28 @ 06:45:50

TEST COMMENT: 30 IF - 3/4" blow built to 1"
60 ISI - No return
60 FF- No blow
60 FSI - No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2105.85	126.79	Initial Hydro-static
2	20.42	127.05	Open To Flow (1)
32	28.92	128.95	Shut-In(1)
92	460.29	130.94	End Shut-In(1)
92	26.83	130.79	Open To Flow (2)
152	30.23	132.34	Shut-In(2)
211	259.97	133.86	End Shut-In(2)
212	2090.08	134.70	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud 100% _m	0.02

* 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

9-1S-37W

2020 N. Bramblewood
Wichita Ks 67206

Mears B #2-9

Job Ticket: 56900

DST#: 4

ATTN: Pete Vollmer

Test Start: 2014.05.28 @ 01:12:00

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: 69.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.60 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud 100%m	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

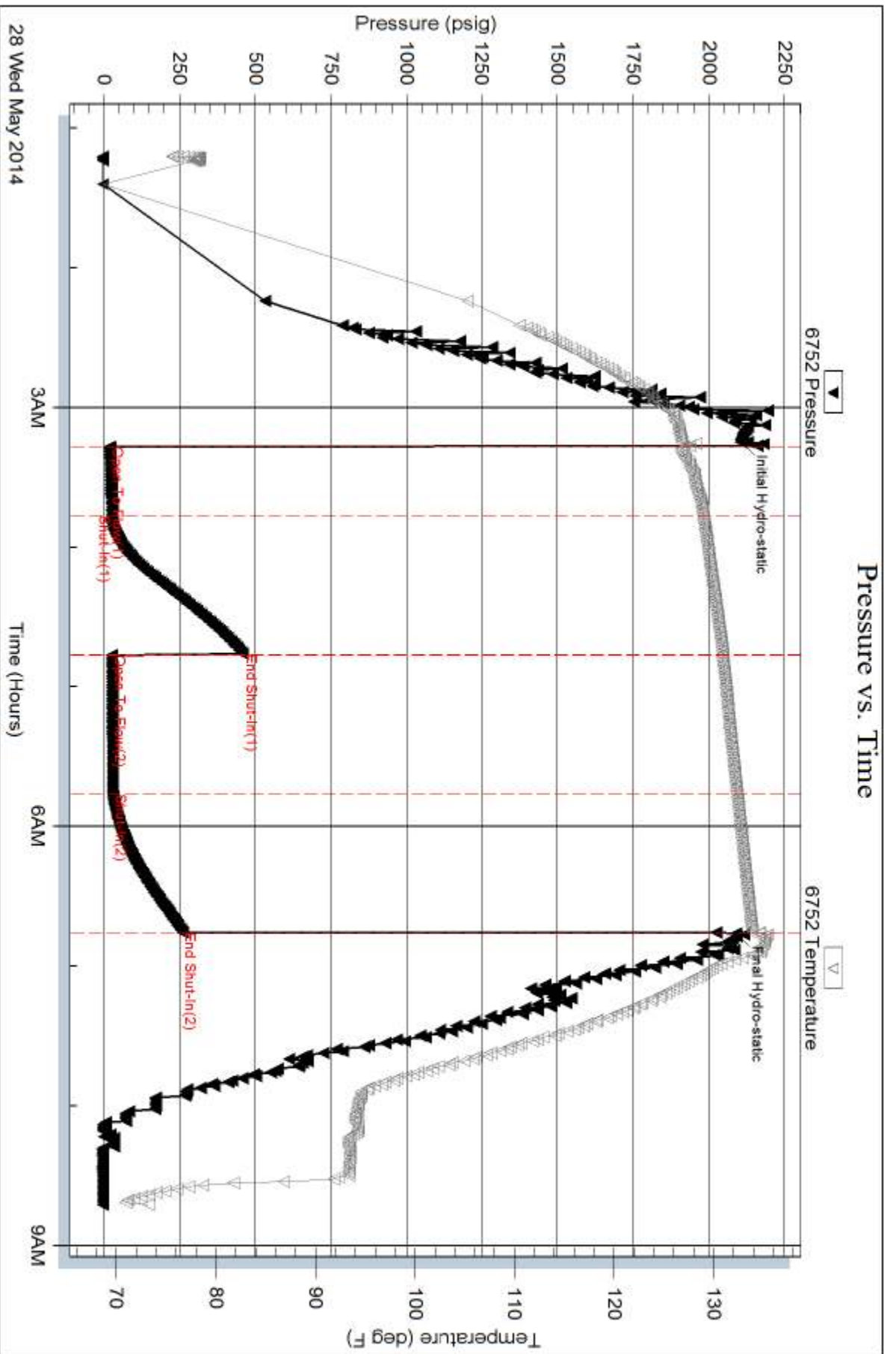
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Berexco LLC
 2020 N. Bramblewood
 Wichita Ks 67206
 ATTN: Pete Vollmer

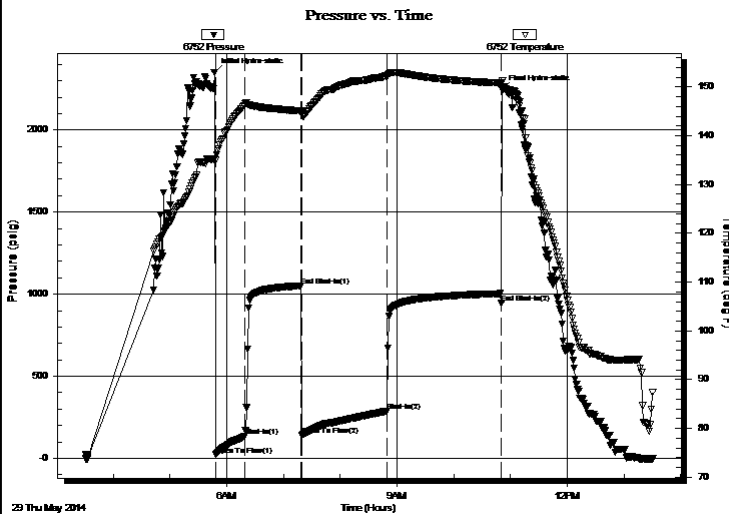
9-1S-37W
Mears B #2-9
 Job Ticket: 58142 **DST#: 5**
 Test Start: 2014.05.29 @ 03:31:00

GENERAL INFORMATION:

Formation: **Pawnee**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 05:48:20
 Time Test Ended: 13:30:49
 Interval: **4604.00 ft (KB) To 4644.00 ft (KB) (TVD)**
 Total Depth: 4644.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Brandon Quintana
 Unit No: 58
 Reference Elevations: 3278.00 ft (KB)
 3265.00 ft (CF)
 KB to GR/CF: 13.00 ft

Serial #: 6752 Inside
 Press@RunDepth: 286.77 psig @ 4605.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.05.29 End Date: 2014.05.29 Last Calib.: 2014.05.29
 Start Time: 03:31:01 End Time: 13:30:49 Time On Btm: 2014.05.29 @ 05:47:10
 Time Off Btm: 2014.05.29 @ 10:51:39

TEST COMMENT: 30 - IF - Opened w/ surface blow , built to B.o.B in 16 min.
 60 - ISI - Return built to 1 1/2", died back to 1"
 90 - FF - Opened w with surface return, built to B.o.B in 17 min.
 120 - FSI - Return built to 7"



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2350.77	135.32	Initial Hydro-static
2	21.82	135.00	Open To Flow (1)
32	132.85	146.21	Shut-In(1)
91	1051.19	145.16	End Shut-In(1)
93	141.65	144.69	Open To Flow (2)
182	286.77	152.25	Shut-In(2)
304	945.11	150.78	End Shut-In(2)
305	2246.14	151.24	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
546.00	GOCM 40%o, 33%g, 27%m	2.87
188.00	100%o	2.64
5.00	GO 80%o, 20%g	0.07

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco LLC

9-1S-37W

2020 N. Bramblewood
Wichita Ks 67206

Mears B #2-9

Job Ticket: 58142

DST#: 5

ATTN: Pete Vollmer

Test Start: 2014.05.29 @ 03:31:00

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: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.00 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
546.00	GOCM 40%o, 33%g, 27%m	2.867
188.00	100%o	2.637
5.00	GO 80%o, 20%g	0.070

Total Length: 739.00 ft Total Volume: 5.574 bbl

Num Fluid Samples: 0

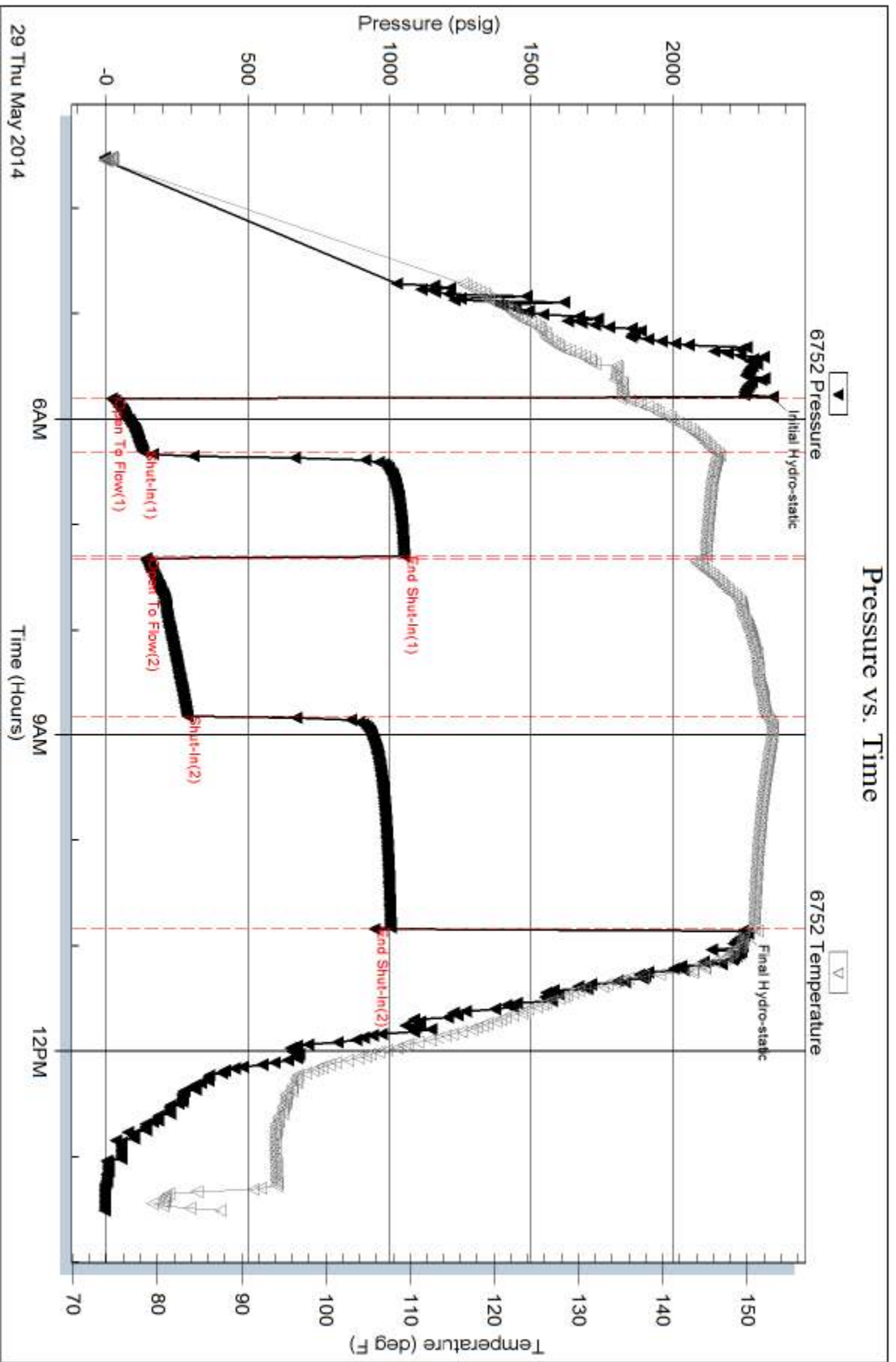
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Gravity = 38 Corrccted @ 60 = 41



BEREXCO LLC

MEARS B 2-9

SW NE SW SE SEC 9 T1S R37W

CHEYENNE COUNTY, KANSAS

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SUMMARY

The Berexco LLC Mears B 2-9 in Cheyenne County, Kansas spud May 21, 2014 and reached a total depth of 4720' on May 29, 2014. Wellsite geological supervision commenced at 3000'. The primary objectives were Pawnee in the Marmaton Group and the Pennsylvanian Missourian Lansing-Kansas City limestones which produce in the Jones Canyon Southeast field. Secondary zones of interests were the Permian Foraker and Virgilian Oread limestones. The Mears B 2-9 was drilled using seismic and nearby well control.

On-site evaluation was by drill stem testing after sample analysis and consideration of structural position. Five DSTs were run.

Foraker, Wabaunsee, Topeka, and Oread

DST 1 in the Foraker recovered 6 ft of oil-spotted mud and poor flow pressures. Samples were fossiliferous grainstone and mudstone with poor pin-point porosity, free oil in vugs, and very good fluorescence and cuts. The Foraker produces oil in a field to the north but is nonproductive at this location.

The Wabaunsee was tight and shows of black heavy oil did not merit drill stem testing. Minor shows of dead oil were observed in the Topeka.

DST 2 in the Oread recovered 5 ft of oil-spotted mud. Samples were fossiliferous packstone with traces of interparticle and vuggy porosity, scattered to even oil staining, and good cuts.

Lansing-Kansas City and Pawnee

The Lansing A exhibited no visible porosity or oil shows.

DST 3 in the Lansing B recovered 100 ft of watery mud. Samples were packstone with poor interparticle and vuggy porosity, abundant spotty black oil, and good fluorescence and cuts.

DST 4 tested the Lansing C, D, and E together. Recovery was 5 ft of mud with very low pressures. Samples of the Lansing C were chalky mudstone with occasional very poor fluorescence and cut and rare spotty black and dark brown oil stain. The Lansing D was mudstone with only a trace of black asphaltic staining and no visible porosity. The Lansing E was nonporous mudstone to grainstone heavily occluded with lime mud; only trace spotty oil stain and poor fluorescence and cuts were observed.

The Lansing F was nonporous limestone with no sample show.

DST 5 in the Pawnee recovered 739 ft of gassy oil and 688 ft of gas in drill pipe. Samples were porous grainstone occasionally occluded with lime mud. Scattered good fluorescence and cuts were observed in interparticle and vuggy porosity.

Oil Well Completion

5 ½" production casing was run to complete the Mears B 2-9 as an oil producer.

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

Berexco LLC
Mears B 2-9

WELL DATA

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

WELL NAME: Mears B 2-9

SURFACE LOCATION: 780' FSL & 1780' FEL
SW NE SW SE Sec 9, T1S, R37W
Cheyenne County, Kansas

LATITUDE & LONGITUDE: 39.9759218, -101.4732086 (From State, calculated from footages)

BOTTOM HOLE LOCATION: Vertical hole

ELEVATIONS: 3265' GL 3278' KB

API NUMBER: 15-023-21390

BASIN: Mid-Continental Arch

FIELD: Jones Canyon Southeast

HOLE SIZE: 12 1/4" to 310'; 7 7/8" to 4720'

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

SPUD DATE: May 21, 2014

TD DATE: May 29, 2014

TOTAL DEPTH: 4720' Rig TD 4715' Log TD

LAST FORMATION: Pennsylvanian Cherokee

WELL STATUS: Ran 5 1/2" production casing

OPERATOR
REPRESENTATIVE: Dana Wreath - Vice President

WELLSITE GEOLOGIST: Peter J. Vollmer

FORMATION TOPS

Formation	Sample Top	Log Top	Log TVD	Log Datum
KB				3278
Pierre Sh	Cased	Cased	N/A	N/A
Niobrara Fm	N/A	1193	1193	+2085
Fort Hays Ls Mbr	N/A	1724	1724	+1554
Carlile Sh	N/A	1760	1760	+1518
Dakota	N/A	2136	2136	+1142
Cheyenne	N/A	2703	2703	+575
Blaine	N/A	3004	3004	+274
Stone Corral Anhydrite	3220	3221	3221	+57
Base Anhydrite	3253	3254	3254	+24
Chase Dolomite	3420	3420	3420	-142
Neva	3669	3672	3672	-394
Red Eagle	3730	3737	3737	-459
Foraker	3783	3783	3783	-505
Wabaunsee	3938	3944	3944	-666
Topeka	4006	4008	4008	-730
Oread	4142	4140	4140	-862
Heebner Sh	4183	4184	4184	-906
Lansing-Kansas City				
"A"	4226	4224	4224	-946
"B"	4285	4282	4282	-1004
"C"	4341	4336	4336	-1058
"D"	4382	4389	4389	-1111
"E"	4428	4435	4435	-1157
"F"	4472	4492	4492	-1214
Pawnee	4627	4622	4622	-1344
Cherokee	4687	4681	4681	-1403
TD Driller	4720			
TD Logger		4715	4715	-1437

LITHOLOGY AND SHOWS

The following descriptions are interpretive. Rig crew members collected unlagged samples from 3500' to 4720' TD. Depths are rig depths except where noted as wireline.

3500' - 3526'	SHALE: light reddish brown to reddish orange, firm to soft, fissile to blocky, very silty, sandy in part, non to slightly calcareous.
3526' - 3530'	SILTY SANDSTONE: reddish brown, soft to very friable, very fine grained grading to silt, subangular to subrounded, moderately to poor sorted, non to slightly calcareous, argillaceous to clay matrix, no visible porosity, no show.
3530' - 3572'	SHALE: light reddish brown to reddish orange, firm to soft, lumpy to subblocky, very silty, sandy in part, non to slightly calcareous, clayey, white granular Anhydrite/Gypsum.
3572' - 3792'	LIMESTONE: white, with occasional reddish brown mottled, firm to hard, mudstone, slightly chalky, slightly argillaceous in part, reddish brown Shale partings, tight, no show.
3592' - 3637'	SHALE: light reddish brown to reddish orange, firm to soft, fissile to blocky, very silty, sandy in part, non to slightly calcareous.
3637' - 3641'	LIMESTONE: tan with occasional dark red pellet, firm to hard, mudstone, slightly argillaceous in part, reddish brown Shale partings, tight, no show.
3641' - 3669'	SHALE: light reddish brown to reddish orange, firm to soft, fissile to blocky, very silty, sandy in part, non to slightly calcareous.
NEVA	SAMPLE TOP: 3669' LOG TOP: 3672' SUBSEA: -394'
3669' - 3674'	LIMESTONE: light tan to gray tan, firm to hard, mudstone, slightly chalky, black Algal material, tight, no show.
3674' - 3678'	SANDSTONE: very light gray to gray, friable to firm, very fine grained, sub rounded to rounded, well sorted, calcareous cement, occasional clay filled, no visible porosity, no shows.
3678' - 3688'	SHALE: dark gray to gray to grayish green, firm, fissile to blocky, slightly calcareous, fossil fragments.
3688' - 3692'	LIMESTONE: white to light gray, hard, cryptocrystalline, very chalky, abundant fossils, scattered black Algal stain (dead oil), occasional dark gray pellet, no visible porosity, no show.
3692' - 3707'	SANDSTONE: light gray to reddish brown, friable to firm, blocky, silty, non calcareous.

LITHOLOGY AND SHOWS

3707' - 3730'	SHALE: reddish brown to gray, soft to firm, sub blocky, n calcareous, occasional silty, with SILTY SANDSTONE: reddish brown, soft to very friable, very fine grained grading to silt, angular, moderately sorted, non to slightly calcareous, argillaceous to clay matrix, no visible porosity, no show.
3730' - 3754'	LIMESTONE: light gray to white to grayish brown, hard, cryptocrystalline, occasional slightly argillaceous, trace fossil fragments, occasional reddish brown SHALE, tight, no shows.
3754' - 3783'	SHALE: reddish brown, firm to hard, fissile to blocky, very silty, sandy in part, non to slightly calcareous, trace light gray Limestone.
FORAKER	SAMPLE TOP: 3783' LOG TOP: 3783' SUBSEA: -505'
3783' - 3792'	LIMESTONE: cream to white to very light brown, firm to hard, mudstone to grainstone, peloids. interclasts, abundant fossil fragments, black oil stain and specks predominant in vugs, pin point vuggy porosity, bright yellowish white fluorescence, immediate blooming and streaming yellowish white cuts, fair show.
3792' - 3806'	LIMESTONE: white to light gray, firm to hard, cryptocrystalline, chalky, fossil fragments, algal stain, Shale stringers, tight to trace intercrystalline porosity, no shows.
3806' - 3812'	SHALE: gray to grain gray, firm, blocky, non to slightly calcareous, fossil fragments, medium to dark gray Limestone stringers.
3812' - 3830'	LIMESTONE: white to light gray, firm to hard, cryptocrystalline to packstone, fossil fragment, algal stain, no visible porosity, no shows.
3830' - 3839'	SANDSTONE: very light gray to white, friable, very fine grained, subangular to subrounded, well sorted, calcareous cement, clay fill, black specks, abundant loose grains, tight to trace porosity, no shows.
3839' - 3857'	SHALE: reddish brown, soft to firm, sub blocky, non calcareous, occasional moderately to very silty, occasional light gray Limestone stringers.
3857' - 3876'	LIMESTONE: pale gray to bluish gray, firm to hard, mudstone to wackestone, occasional fossil fragment, sandy in part, slightly argillaceous, tight, no shows.
3876' - 3888'	SHALE: reddish brown, soft to firm, sub blocky, non calcareous, occasional moderately to very silty.
3888' - 3900'	SANDY SILTSTONE: reddish brown to light gray, mottled, firm to friable, very fine grained grading to silt, argillaceous in part, reddish brown Shale partings, tight, no show.

LITHOLOGY AND SHOWS

3900' - 3914'	SHALE: reddish brown, soft to firm, sub blocky, non calcareous, occasional silty, occasional light gray chalky Limestone stringers, light tan SANDSTONE present.
3914' - 3924'	LIMESTONE: white to light gray, occasional reddish brown mottled, firm to hard, mudstone, slightly argillaceous in part, gray to dark gray Shale partings, tight, no show.
3924' - 3938'	SHALE: reddish brown, soft to firm, sub blocky, non calcareous, occasional silty, occasional light gray chalky Limestone stringers.
WABAUNSEE	SAMPLE TOP: 3938' LOG TOP: 3944' SUBSEA: -666'
3938' - 3972'	LIMESTONE: white to light gray, with light reddish brown mottled, soft to firm, microgranular texture, fossil fragment, reddish brown SHALE partings, occasional fossil fragment, slightly sandy in part, even to spotty black heavy oil material, no visible porosity, very tight, pale yellow grain fluorescence, diffuse pale yellowish white cut, no free oil, fair show decreasing with depth.
3972' - 3980'	SANDSTONE: light gray to tan, friable, very fine grained, subangular to subrounded, well sorted, calcareous cement, clay fill, abundant loose grains, tight to trace porosity, no shows.
3980' - 4006'	SHALE: reddish brown, maroon, gray, mottled in part, soft to firm, blocky, non calcareous, moderately to very silty in part, Limestone stringers.
TOPEKA	SAMPLE TOP: 4006' LOG TOP: 4008' SUBSEA: -730'
4006' - 4028'	LIMESTONE: light gray to white, hard to firm, cryptocrystalline, fossil fragment (Fusulinid, Brachiopod), sparry calcareous, dark gray Shale partings, occasional black dead oil, tight, no shows.
4028' - 4034'	SHALE: gray, firm, platy to fissile, n to slightly calcareous, dull.
4034' - 4050'	LIMESTONE: light gray to white, hard to firm, cryptocrystalline, fossil fragment, dark gray Shale stringers, tight, no shows.
4050' - 4081'	SHALE: reddish brown, soft to firm, sub blocky, non calcareous, occasional silty, clayey, white chalky Limestone stringers.
4081' - 4100'	LIMESTONE: white, soft to firm, cryptocrystalline, very chalky, brownish red partings and inclusions, tight, no shows.

LITHOLOGY AND SHOWS

4100' - 4142'	SHALE: reddish brown, brownish maroon, gray grain, firm, blocky, occasional slightly calcareous, non to slightly silty in part, occasional thin SANDSTONE stringers, waxy in part, occasional clayey to sticky.
OREAD	SAMPLE TOP: 4142' LOG TOP: 4140' SUBSEA: -862'
4142' - 4155'	LIMESTONE: cream to white, firm to hard, mudstone to grainstone, fossil fragments, occasional ooliths, even to scattered black oil stain, tight to trace interparticle and fair vuggy porosity, patchy bright yellowish white fluorescence, immediate blooming yellowish white cuts, with slow streaming cuts, good show.
4155' - 4178'	LIMESTONE: cream to white, firm to hard, mudstone, fossil fragment, very chalky texture, in part, trace to scattered black oil stain, tight to trace interparticle porosity, occasional bright yellowish white fluorescence, immediate blooming yellowish white cuts, with slow streaming cuts, trace show decrease with depth.
4178' - 4187'	SHALE: black to dark gray, blocky, carbonaceous.
4187' - 4194'	SANDSTONE: gray to black, very friable, very fine grained grading to silt, rounded, well sorted, calcareous cement, abundant black dead oil, trace porosity, no show.
4194' - 4226'	SHALE: gray to reddish brown to maroon, firm, blocky, non to slightly calcareous occasionally silty, Limestone stringers.
LANSING- KANSAS CITY "A"	SAMPLE TOP: 4226' LOG TOP: 4224' SUBSEA: -946'
4226' - 4250'	LIMESTONE: pale gray to light gray, hard, mudstone, occasional fossils, slightly argillaceous in part, rare black dead oil stain, very tight, no show.
4250' - 4258'	SANDSTONE: white to light gray, firm to friable, very fine grained, well rounded, well sorted, calcareous cement, clay filled, black dead oil specks, no visible porosity, no show.
4258' - 4285'	SHALE: gray to reddish brown, soft to firm, sub blocky, non to slightly calcareous, clayey, occasional argillaceous Siltstone stringers.

LITHOLOGY AND SHOWS

LANSING- KANSAS CITY "B"

SAMPLE TOP: 4285' LOG TOP: 4282' SUBSEA: -1004'

4285' - 4299'

LIMESTONE: white to very light gray, firm to hard, mudstone to packstone, occasional fossil fragment (Fusulinid), occasional free live black oil, predominant tight with trace intergranular porosity and trace vuggy porosity, bright yellowish white fluorescence, instant blooming bright yellowish white cuts, good show.

4299' - 4314'

SHALE: gray to dark gray, firm, sub blocky, non to slightly calcareous, fossil fragments, pyrite.

4314' - 4341'

SHALE: dark reddish brown, very soft to slightly firm, sub blocky to lumpy, non calcareous, moderately to very silty, sticky to gummy, clayey.

LANSING- KANSAS CITY "C"

SAMPLE TOP: 4341' LOG TOP: 4336' SUBSEA: -1058'

4341' - 4357'

LIMESTONE: light gray to white, firm, grainstone to wackestone, abundant fossil fragments, occasional spotty black oil stain and specks, trace intergranular porosity and trace vuggy porosity, bright yellowish white fluorescence, instant blooming bright yellowish white cuts, fair show decreasing with depth.

4357' - 4382'

SHALE: gray to dark gray, firm, sub blocky, non to slightly calcareous, fossil fragments, pyrite.

LANSING- KANSAS CITY "D"

SAMPLE TOP: 4382' LOG TOP: 4389' SUBSEA: -1111'

4382' - 4394'

LIMESTONE: light gray to white, firm, mudstone to wackestone, fossil fragment, chalky texture, trace spotty black oil specks (few pieces), no visible porosity, dull yellow fluorescence, dull yellowish white cut, very poor show.

4394' - 4402'

SHALE: gray to dark gray, firm, sub blocky, non to slightly calcareous.

4402' - 4408'

LIMESTONE: light gray, hard, cryptocrystalline, chalky, tight, no show.

4408' - 4428'

SHALE: gray to reddish brown, soft to firm, subblocky, non to slightly calcareous, clayey, occasional tan LIMESTONE stringers.

LITHOLOGY AND SHOWS

LANSING- KANSAS CITY "E"

SAMPLE TOP: 4428' LOG TOP: 4435' SUBSEA: -1157'

- 4428' - 4444' LIMESTONE: white, firm to soft, mudstone to grainstone, slightly chalky in part, fossil fragments, occasional patchy brown oil stain, trace poor to poor vuggy porosity, bright yellowish white fluorescence, immediate blooming yellowish white cuts, poor show.
- 4444' - 4452' SHALE: dark gray to gray, firm, blocky, calcareous, fossils (Brachiopod), very to slightly carbonaceous in part, plant remains.
- 4452' - 4472' SHALE: dark reddish brown to reddish brown, firm to soft, blocky to platy, non calcareous, moderately to very silty.

LANSING- KANSAS CITY "F"

SAMPLE TOP: 4472' LOG TOP: 4492' SUBSEA: -1214'

- 4472' - 4484' LIMESTONE: cream to white to light gray, firm to hard, mudstone, very chalky texture, occasional fossil fragments, very tight, no shows.
- 4484' - 4498' SHALE: gray to dark gray, firm, platy, non to slightly calcareous, occasional slightly carbonaceous, pyrite.
- 4498' - 4508' LIMESTONE: light gray to tan, hard, cryptocrystalline, slightly chalky, dense, tight, no show.
- 4508' - 4533' SHALE: brownish red, firm, blocky, non calcareous, with LIMESTONE stringers.
- 4533' - 4546' LIMESTONE: white to cream, with reddish brown mottled, mudstone, occasional red shale partings, trace dark gray SHALE, tight, no shows.
- 4546' - 4567' SHALE: brownish red, firm, blocky, non calcareous, with LIMESTONE stringers.
- 4567' - 4598' LIMESTONE: gray, hard, cryptocrystalline, fossil fragments, dense, interbedded gray to greenish gray Shale, tight, no shows.
- 4598' - 4604' LIMESTONE: light gray to gray, hard, cryptocrystalline, slightly chalky, argillaceous in part, tight, no show.
- 4604' - 4627' SHALE: gray to dark gray to dark gray grain, hard to firm, sub blocky to fissile, non calcareous.

LITHOLOGY AND SHOWS

PAWNEE	SAMPLE TOP: 4627'	LOG TOP: 4622'	SUBSEA: -1344'
4627' - 4650'	LIMESTONE: white to cream to very light gray, firm to hard, grainstone to mudstone, trace ooliths and peloids, fossil fragments, occasional live black oil stain, tight to poor vuggy porosity, occasional trace interparticle porosity, bright yellowish white fluorescence, instant blooming yellowish white cuts, fair show.		
4650' - 4660'	SHALE: black to dark gray to gray, firm, blocky to fissile, occasionally carbonaceous, trace pyrite, fossil fragment, thin Limestone stringers.		
4660' - 4687'	LIMESTONE: white to very light gray, hard, mudstone, slightly chalky, fossil fragment, trace chert, tight, no shows.		
CHEROKEE	SAMPLE TOP: 4687'	LOG TOP: 4681'	SUBSEA: -1403'
4687' - 4703'	SHALE: black to dark gray to gray, firm, blocky to fissile, occasional carbonaceous, trace pyrite, fossil fragment, thin Limestone stringers.		
4703' - 4720' TD	LIMESTONE: white to light gray, firm to hard, mudstone, trace chert, rare fossil, tight, no shows.		

Berexco LLC
Mears B 2-9

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	
MUD LOGGING:	None	
WELLSITE GEOLOGY:	T. M. McCoy & Co., Inc. Peter J. Vollmer	Wilson, WY 307-733-4332
DRILL STEM TESTING:	Trilobite Testing, Inc. Royal Fisher, Ryan Nichols DST 1: 3754' - 3806' Foraker DST 2: 4096' - 4155' Oread DST 3: 4246' - 4300' LKC "B" DST 4: 4312' - 4446' LKC "C" - "E" DST 5: 4604' - 4644' Pawnee	Hays, KS 785- 625-4778
DIRECTIONAL DRILLING:	None	
WIRELINE LOGS:	Pioneer Wireline Services RAG: Surface casing - TD Micro: 3500' - TD Chris Desaire	Hays, KS 785-625-3858

