



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1148118
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
-----------------------------------	-----------------	---

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: _____



1148118

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: _____ _____
--	---	---

Form	ACO1 - Well Completion
Operator	BEREXCO LLC
Well Name	Mears B 1-9
Doc ID	1148118

Tops

Name	Top	Datum
Anhydrite	3184	+53
Anhydrite (base)	3220	+17
Foraker	3750	-513
Topeka	3974	-737
Oread	4106	-869
Lansing A	4188	-951
Lansing B	4248	-1011
Lansing C	4302	-1065
Lansing D	4342	-1105
Lansing E	4386	-1149
Pawnee	4584	-1347
RTD	4740	-1503
LTD	4738	-1501

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Mark Sievers, Chairman
Thomas E. Wright, Commissioner
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

June 14, 2013

Rodney Reynolds
BEREXCO LLC
2020 N. BRAMBLEWOOD
WICHITA, KS 67206-1094

Re: ACO1
API 15-023-21359-00-00
Mears B 1-9
SE/4 Sec.09-01S-37W
Cheyenne 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,
Rodney Reynolds

ALLIED OIL & GAS SERVICES, LLC 060049

Federal Tax I.D. # 20-8651475

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

SERVICE POINT

Oakley

DATE <u>2-25-13</u>	SEC. <u>9</u>	TWP. <u>1</u>	RANGE <u>37</u>	CALLED OUT	ON LOCATION	JOB START <u>9:30 Am</u>	JOB FINISH <u>10:00 Am</u>
LEASE <u>Mears B</u>	WELL# <u>1-9</u>	LOCATION <u>Bird City N To A# Rd-300 -</u>			COUNTY <u>Cheyenne</u>	STATE <u>Ks.</u>	
OLD OR <u>NEW</u> (Circle one)		<u>2 1/2 N into</u>					

CONTRACTOR Beredoo #10

TYPE OF JOB Surface

HOLE SIZE 12 1/4 TD. 313'

CASING SIZE 8 5/8 DEPTH 312.54'

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15'

PERFS.

OWNER Same

CEMENT

AMOUNT ORDERED 225 SKs Com 3%CC

20 Gel

DISPLACEMENT 21.72

COMMON	<u>225 SKs</u>	@ <u>\$17.92</u>	<u>\$4027.50</u>
POZMIX		@	
GEL	<u>4 SKs</u>	@ <u>\$23.40</u>	<u>\$93.60</u>
CHLORIDE	<u>8 SKs</u>	@ <u>\$64.00</u>	<u>\$512.00</u>
ASC		@	
		@	
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	<u>243.36</u>	@ <u>\$2.48</u>	<u>\$603.53</u>
MILEAGE	<u>11.10 x 50 x</u>	@ <u>\$2.40</u>	<u>\$1443.00</u>
			TOTAL <u>\$6679.63</u>

EQUIPMENT

PUMP TRUCK CEMENTER Darren Racette

423-281 HELPER Tyler Flipse

BULK TRUCK

396-306 DRIVER David Scariano

BULK TRUCK

DRIVER

REMARKS:

mix 225 SKs Cement

Displace with water

Cement Did Circulate

Thank You

CHARGE TO: Berexco LLC

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB			
PUMP TRUCK CHARGE			<u>\$1512.25</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>50</u>	@ <u>\$7.70</u>	<u>\$385.00</u>
MANIFOLD	<u>Swedge</u>	@ <u>NC</u>	\$100.00
	<u>LV Mileage</u>	@ <u>NC</u>	
		@	
			TOTAL <u>\$1897.25</u>

PLUG & FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	
TOTAL _____		

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 Randy Blankenship

SIGNATURE Randy Blankenship

SALES TAX (if Any) _____

TOTAL CHARGES 8,576.88

DISCOUNT 2,573.06 IF PAID IN 30 DAYS

6,003.81 Net.



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Berexco, LLC

9/1s/37w Cheyenne KS

2020 N. Bramblewood
Wichita, KS 67206

Mears 'B' #1-9

Job Ticket: 50563

DST#: 1

ATTN: Bryan Bynog

Test Start: 2013.03.03 @ 00:05:00

GENERAL INFORMATION:

Formation: **Oread**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:57:00

Time Test Ended: 09:45:00

Test Type: Conventional Bottom Hole (Initial)

Tester: James Winder

Unit No: 57

Interval: 4061.00 ft (KB) To 4118.00 ft (KB) (TVD)

Reference Elevations: 3237.00 ft (KB)

Total Depth: 4087.00 ft (KB) (TVD)

3226.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

Serial #: 6719

Inside

Press @ RunDepth: 20.45 psig @ 4031.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.03.03

End Date:

2013.03.03

Last Calib.:

2013.03.03

Start Time: 00:05:05

End Time:

09:45:00

Time On Btm:

2013.03.03 @ 02:56:30

Time Off Btm:

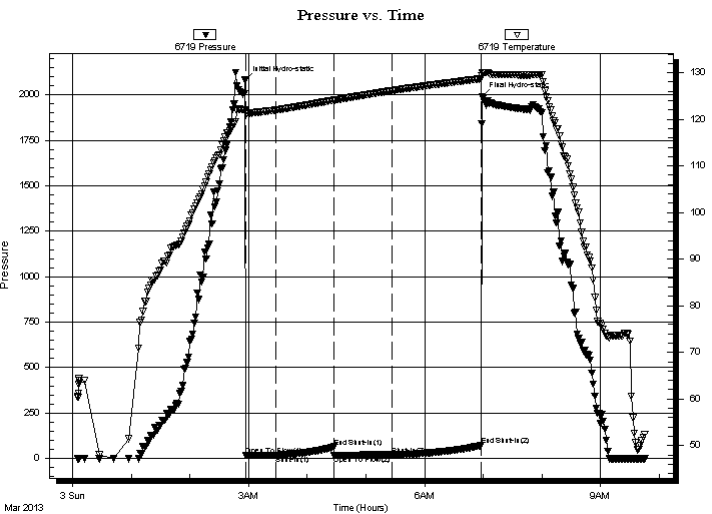
2013.03.03 @ 06:59:00

TEST COMMENT: 30 - IF: 1/8" Blow at open, built to 1/2", then died back, dead at 26 min.

60 - IS: No blow back

60 - FF: No blow

90 - FS: No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2080.46	121.87	Initial Hydro-static
1	16.59	121.43	Open To Flow (1)
31	18.71	121.97	Shut-In(1)
91	64.07	124.11	End Shut-In(1)
91	17.67	124.10	Open To Flow (2)
151	20.45	126.15	Shut-In(2)
242	72.15	128.70	End Shut-In(2)
243	1989.22	129.90	Final Hydro-static

Recovery

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

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco, LLC

9/1s/37w Cheyenne KS

2020 N. Bramblewood
Wichita, KS 67206

Mears 'B' #1-9

Job Ticket: 50563

DST#: 1

ATTN: Bryan Bynog

Test Start: 2013.03.03 @ 00:05:00

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: 8.18 in³

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
5.00	Mud 100%	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

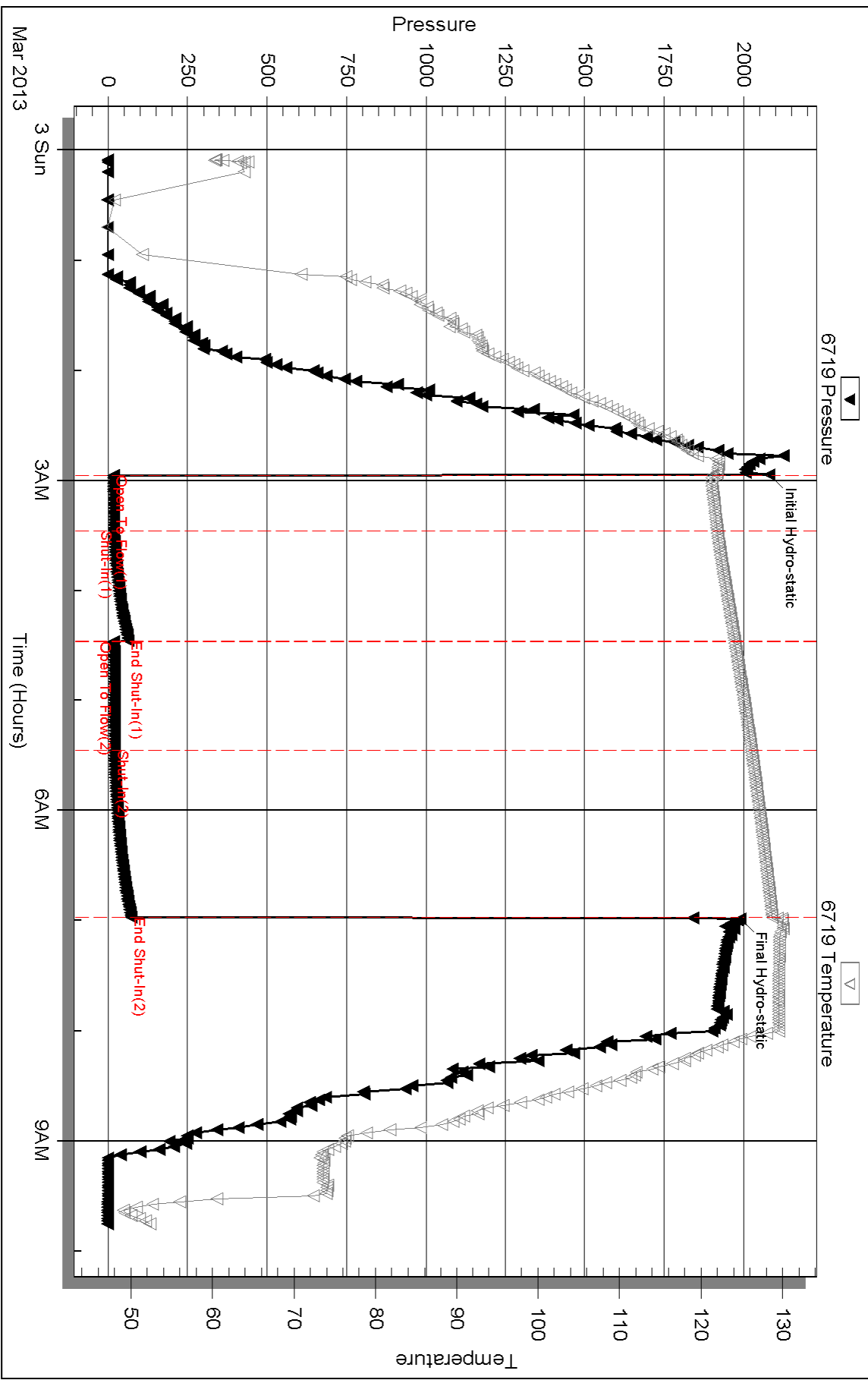
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Berexco, LLC
2020 N. Bramblewood
Wichita, KS 67206
ATTN: Bryan Bynog

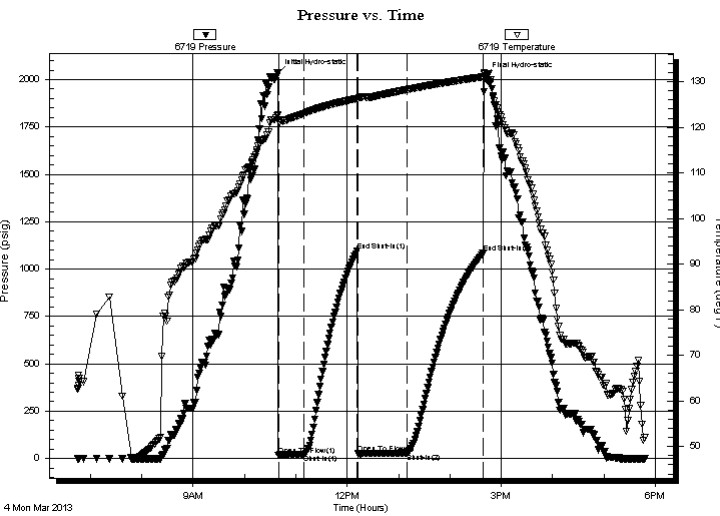
9/1s/37w Cheyenne KS
Mears 'B' #1-9
Job Ticket: 50564 **DST#: 2**
Test Start: 2013.03.04 @ 06:45:00

GENERAL INFORMATION:

Formation: **LKC "B"**
Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Reset)
Time Tool Opened: 10:39:30 Tester: James Winder
Time Test Ended: 17:48:30 Unit No: 57
Interval: 4200.00 ft (KB) To 4290.00 ft (KB) (TVD) Reference Elevations: 3237.00 ft (KB)
Total Depth: 4290.00 ft (KB) (TVD) 3226.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 11.00 ft

Serial #: 6719 Inside
Press @ Run Depth: 29.36 psig @ 4201.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2013.03.04 End Date: 2013.03.04 Last Calib.: 2013.03.04
Start Time: 06:45:05 End Time: 17:48:30 Time On Btm: 2013.03.04 @ 10:39:00
Time Off Btm: 2013.03.04 @ 14:40:30

TEST COMMENT: 30 - IF: 1/4" Blow at open, built to 1/2", then died back, dead at 25 min.
60 - IS: No blow back
60 - FF: No blow
90 - FS: No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2031.32	122.73	Initial Hydro-static
1	18.60	121.74	Open To Flow (1)
31	22.45	123.07	Shut-In(1)
93	1093.92	126.33	End Shut-In(1)
94	25.22	126.20	Open To Flow (2)
151	29.36	128.27	Shut-In(2)
240	1085.19	131.08	End Shut-In(2)
242	2014.73	131.78	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	Mud w /trace of Oil 100% m	0.10

* 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 Cheyenne KS

2020 N. Bramblewood
Wichita, KS 67206

Mears 'B' #1-9

Job Ticket: 50564

DST#: 2

ATTN: Bryan Bynog

Test Start: 2013.03.04 @ 06:45:00

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: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3600.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	Mud w /trace of Oil 100% _m	0.098

Total Length: 20.00 ft Total Volume: 0.098 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

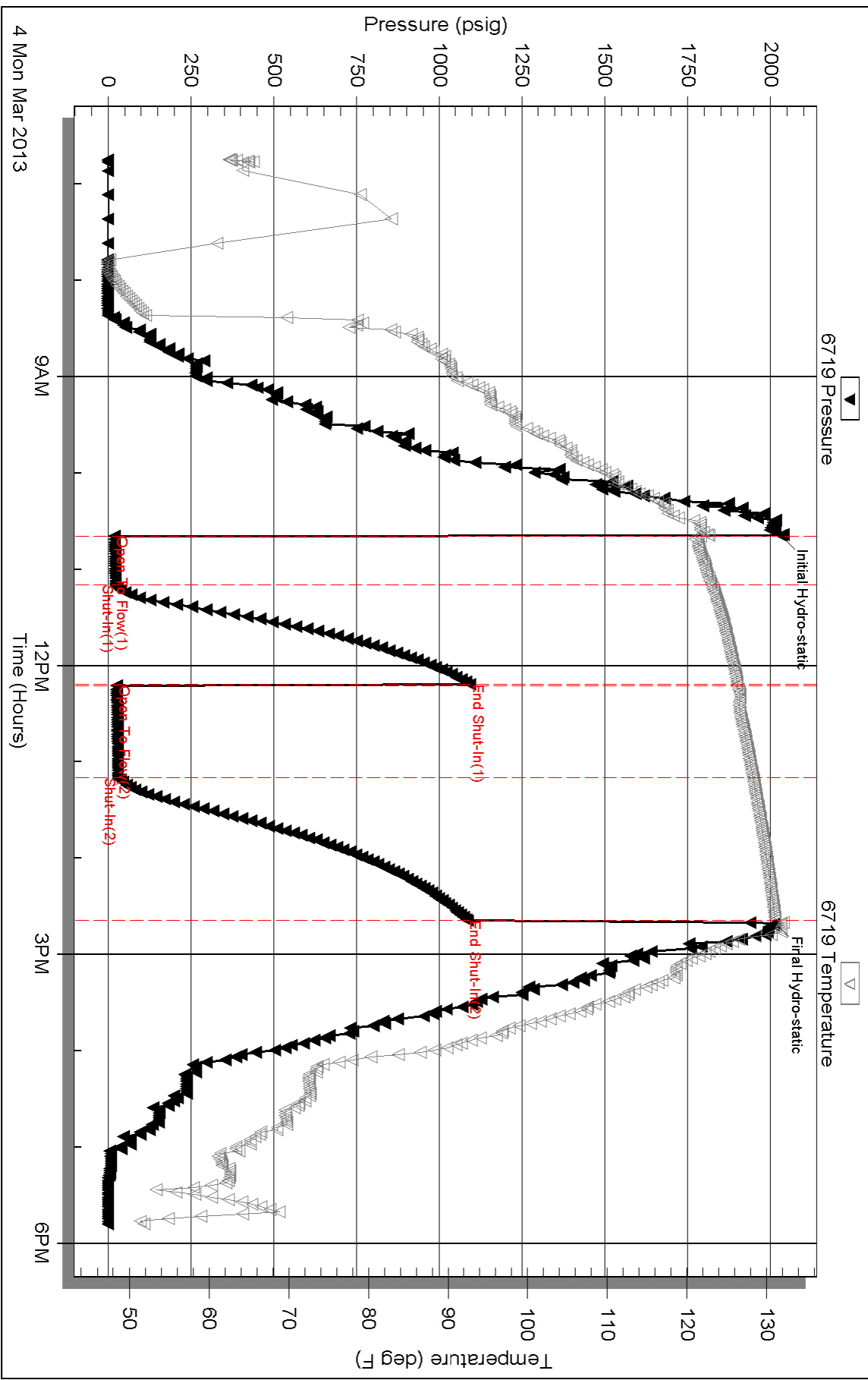
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Berexco, LLC
2020 N. Bramblewood
Wichita, KS 67206
ATTN: Bryan Bynog

9/1s/37w Cheyenne KS

Mears 'B' #1-9

Job Ticket: 50565

DST#: 3

Test Start: 2013.03.05 @ 08:42:00

GENERAL INFORMATION:

Formation: **LKC "C - D"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 13:49:00
 Time Test Ended: 20:21:00
 Interval: **4260.00 ft (KB) To 4370.00 ft (KB) (TVD)**
 Total Depth: 4370.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: James Winder
 Unit No: 57
 Reference Elevations: 3237.00 ft (KB)
 3226.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: 6719

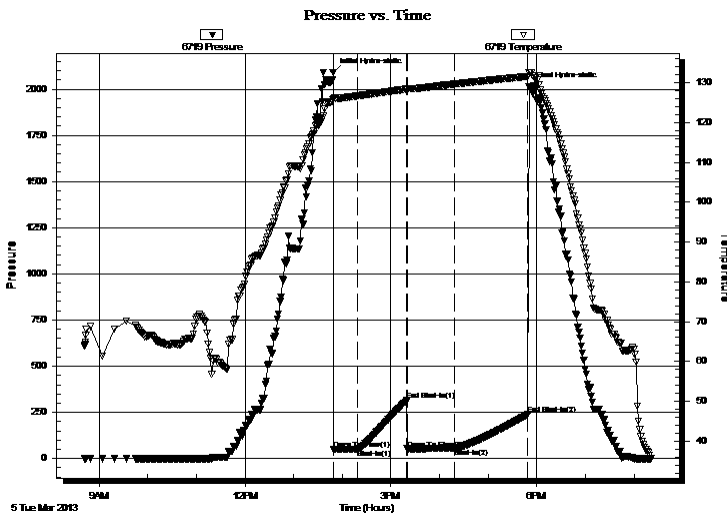
Inside

Press @ RunDepth: 54.55 psig @ 4261.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.03.05 End Date: 2013.03.05 Last Calib.: 2013.03.05
 Start Time: 08:42:05 End Time: 20:21:00 Time On Btm: 2013.03.05 @ 13:48:30
 Time Off Btm: 2013.03.05 @ 17:50:30

TEST COMMENT: 30 - IF: Bled off surge blow, surface blow at 5 min., lasted a few min., then dead
 60 - IS: No blow back
 60 - FF: No blow
 90 - FS: No blow back

PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2088.50	125.72	Initial Hydro-static
1	48.50	125.91	Open To Flow (1)
31	51.45	126.74	Shut-In(1)
91	313.52	128.45	End Shut-In(1)
92	52.35	128.50	Open To Flow (2)
151	54.55	129.69	Shut-In(2)
241	238.57	131.62	End Shut-In(2)
242	2014.96	132.62	Final Hydro-static



Recovery

Length (ft)	Description	Volume (bbl)
90.00	Mud 100%	0.44

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 Cheyenne KS

2020 N. Bramblewood
Wichita, KS 67206

Mears 'B' #1-9

Job Ticket: 50565

DST#: 3

ATTN: Bryan Bynog

Test Start: 2013.03.05 @ 08:42:00

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: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3700.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
90.00	Mud 100%	0.443

Total Length: 90.00 ft Total Volume: 0.443 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

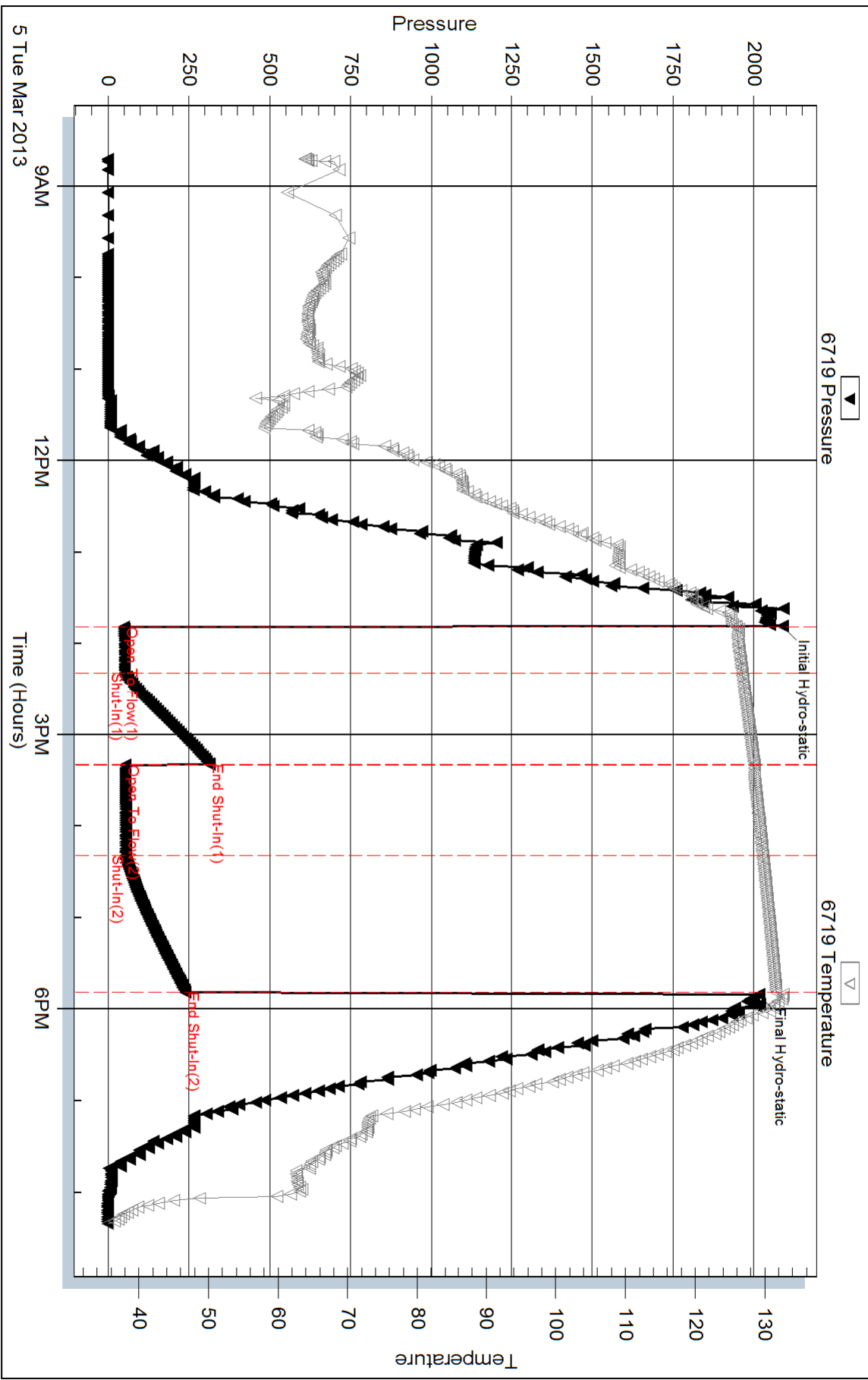
Serial #:

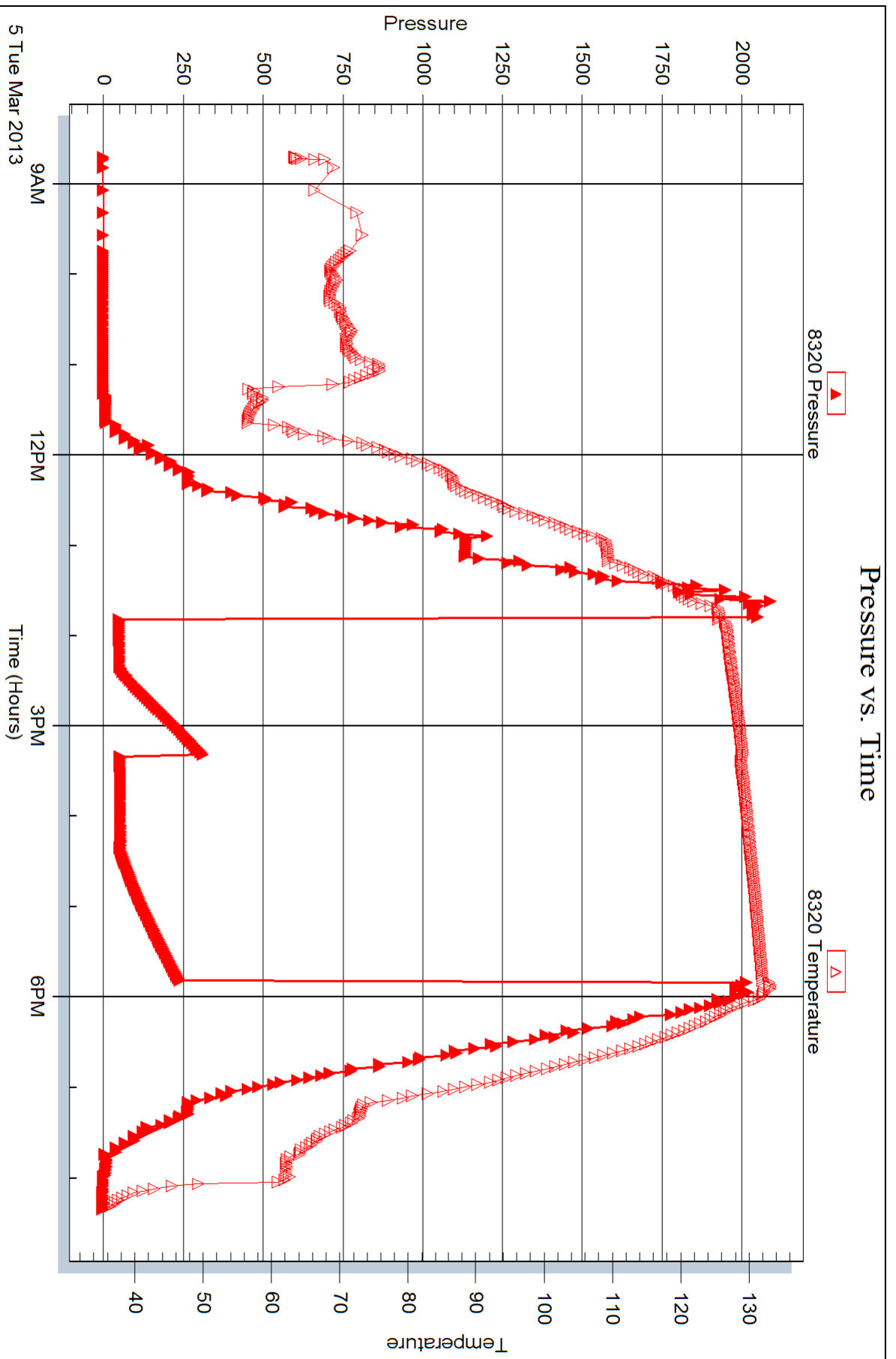
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time







TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Berexco, LLC
 2020 N. Bramblewood
 Wichita, KS 67206
 ATTN: Bryan Bynog

9/1s/37w Cheyenne KS
Mears 'B' #1-9
 Job Ticket: 50566 **DST#: 4**
 Test Start: 2013.03.06 @ 09:37:00

GENERAL INFORMATION:

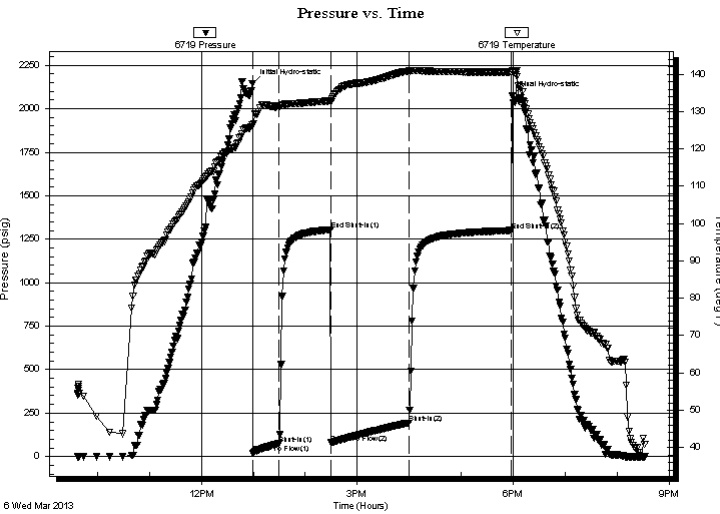
Formation: **LKC "E"**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 12:59:30 Tester: James Winder
 Time Test Ended: 20:32:00 Unit No: 57
 Interval: **4358.00 ft (KB) To 4415.00 ft (KB) (TVD)** Reference Elevations: 3237.00 ft (KB)
 Total Depth: 4415.00 ft (KB) (TVD) 3226.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 11.00 ft

Serial #: 6719

Inside

Press @ Run Depth: 193.12 psig @ 4359.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.03.06 End Date: 2013.03.06 Last Calib.: 2013.03.06
 Start Time: 09:37:05 End Time: 20:32:00 Time On Btm: 2013.03.06 @ 12:59:00
 Time Off Btm: 2013.03.06 @ 17:59:00

TEST COMMENT: 30 - IF: Blow built to 5"
 60 - IS: Bled off, No blow back
 90 - FF: Blow started at 3 min., built to 9"
 120 - FS: Bled off, No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2144.77	126.56	Initial Hydro-static
1	20.82	126.45	Open To Flow (1)
31	73.26	131.47	Shut-In(1)
91	1304.25	132.89	End Shut-In(1)
91	79.29	132.64	Open To Flow (2)
181	193.12	140.83	Shut-In(2)
299	1300.00	140.64	End Shut-In(2)
300	2072.86	141.04	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	SO/MW 53%w, 45%o, 2%g	0.59
180.00	SO/WCM 69%o, 26%w, 4%g, 1%g	0.89
65.00	OWCM 80%o, 10%g, 10%w	0.32
45.00	CO 98%o, 2%g	0.22
0.00	GIP = 10'+	0.00

* 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 Cheyenne KS

2020 N. Bramblewood
Wichita, KS 67206

Mears 'B' #1-9

Job Ticket: 50566

DST#: 4

ATTN: Bryan Bynog

Test Start: 2013.03.06 @ 09:37:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 58.00 sec/qt
Water Loss: 7.20 in³
Resistivity: ohm.m
Salinity: 3300.00 ppm
Filter Cake: 2.00 inches

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

Oil API: 38.2 deg API
Water Salinity: 20000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	SO/MW 53%w , 45%m, 2%o	0.590
180.00	SO/WCM 69%m, 26%w , 4%o, 1%g	0.885
65.00	OWCM 80%m, 10%o, 10%w	0.320
45.00	CO 98%o, 2%m	0.221
0.00	GIP = 10'+	0.000

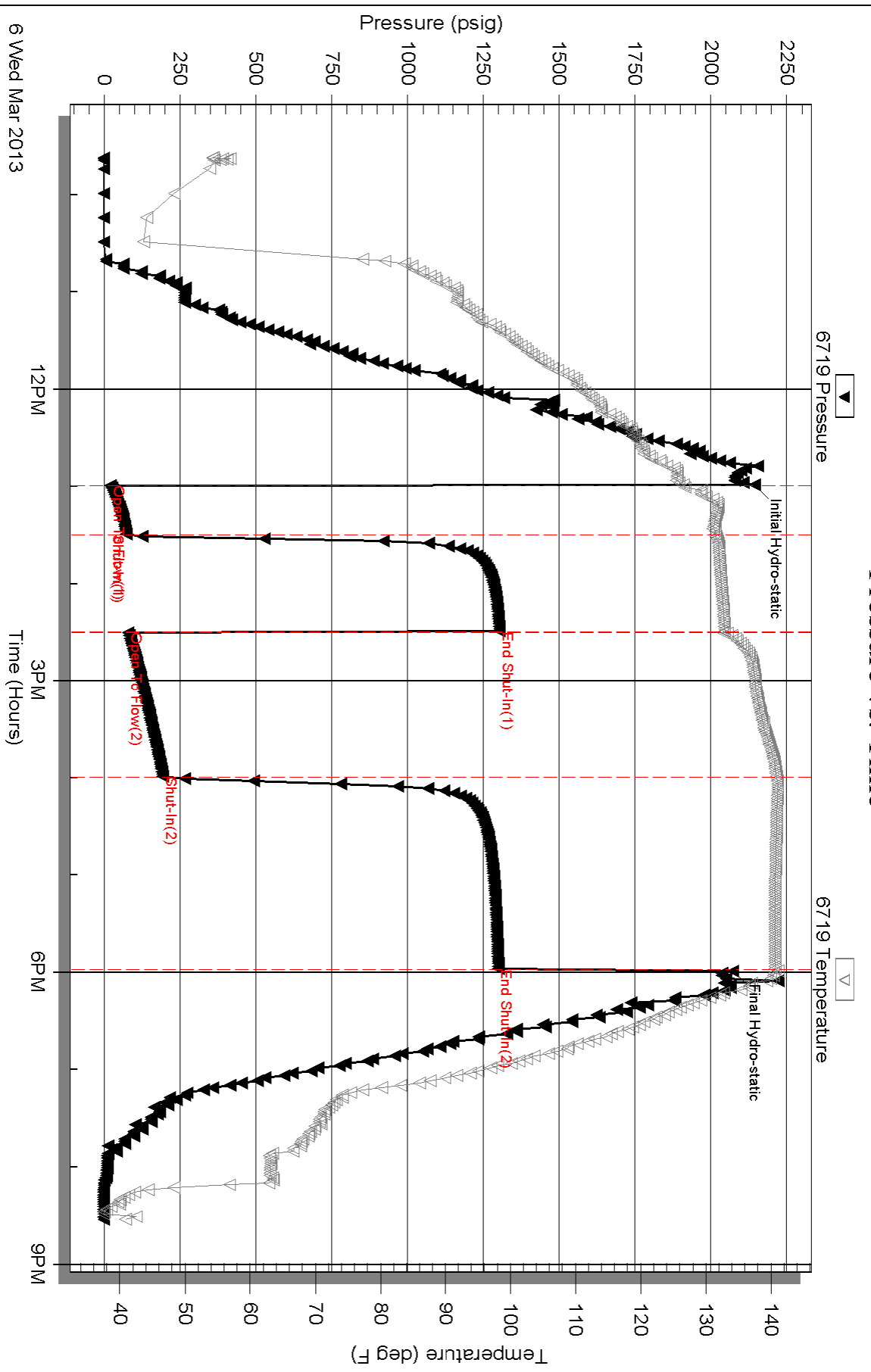
Total Length: 410.00 ft Total Volume: 2.016 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: Gravity = 35.8 api @ 36 deg F Corrected Gravity = 38.2 api
RW = .367 ohms @ 62.8 deg F Chlorides = 20,000 ppm

Pressure vs. Time





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Berexco, LLC
 2020 N. Bramblewood
 Wichita, KS 67206
 ATTN: Bryan Bynog

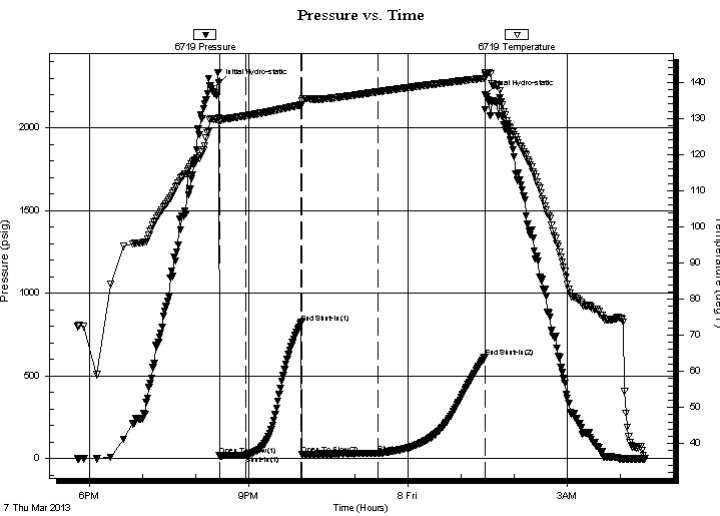
9/1s/37w Cheyenne KS
Mears 'B' #1-9
 Job Ticket: 50567 **DST#: 5**
 Test Start: 2013.03.07 @ 17:47:00

GENERAL INFORMATION:

Formation: **Pawnee**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 20:27:00
 Time Test Ended: 04:27:30
 Interval: **4560.00 ft (KB) To 4600.00 ft (KB) (TVD)**
 Total Depth: 4600.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: James Winder
 Unit No: 57
 Reference Elevations: 3237.00 ft (KB)
 3226.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: 6719 Inside
 Press @ Run Depth: 32.59 psig @ 4561.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.03.07 End Date: 2013.03.08 Last Calib.: 2013.03.08
 Start Time: 17:47:05 End Time: 04:27:30 Time On Btm: 2013.03.07 @ 20:26:30
 Time Off Btm: 2013.03.08 @ 01:27:30

TEST COMMENT: 30 - IF: Blow built to 1/4", slowly died back, dead at 30 min.
 60 - IS: No blow back
 90 - FF: No blow
 120 - FS: No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2270.51	130.11	Initial Hydro-static
1	17.01	129.52	Open To Flow (1)
30	21.80	130.68	Shut-In(1)
93	822.82	133.70	End Shut-In(1)
94	26.04	134.79	Open To Flow (2)
179	32.59	137.33	Shut-In(2)
300	611.88	141.11	End Shut-In(2)
301	2201.98	142.73	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	OCM 83% m, 15% o, 2% g	0.15
0.00	GIP = 30'	0.00

* 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 Cheyenne KS

2020 N. Bramblewood
Wichita, KS 67206

Mears 'B' #1-9

Job Ticket: 50567

DST#: 5

ATTN: Bryan Bynog

Test Start: 2013.03.07 @ 17:47:00

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: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.58 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3700.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
30.00	OCM 83% _m , 15% _o , 2% _g	0.148
0.00	GIP = 30'	0.000

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:

Serial #: 6719

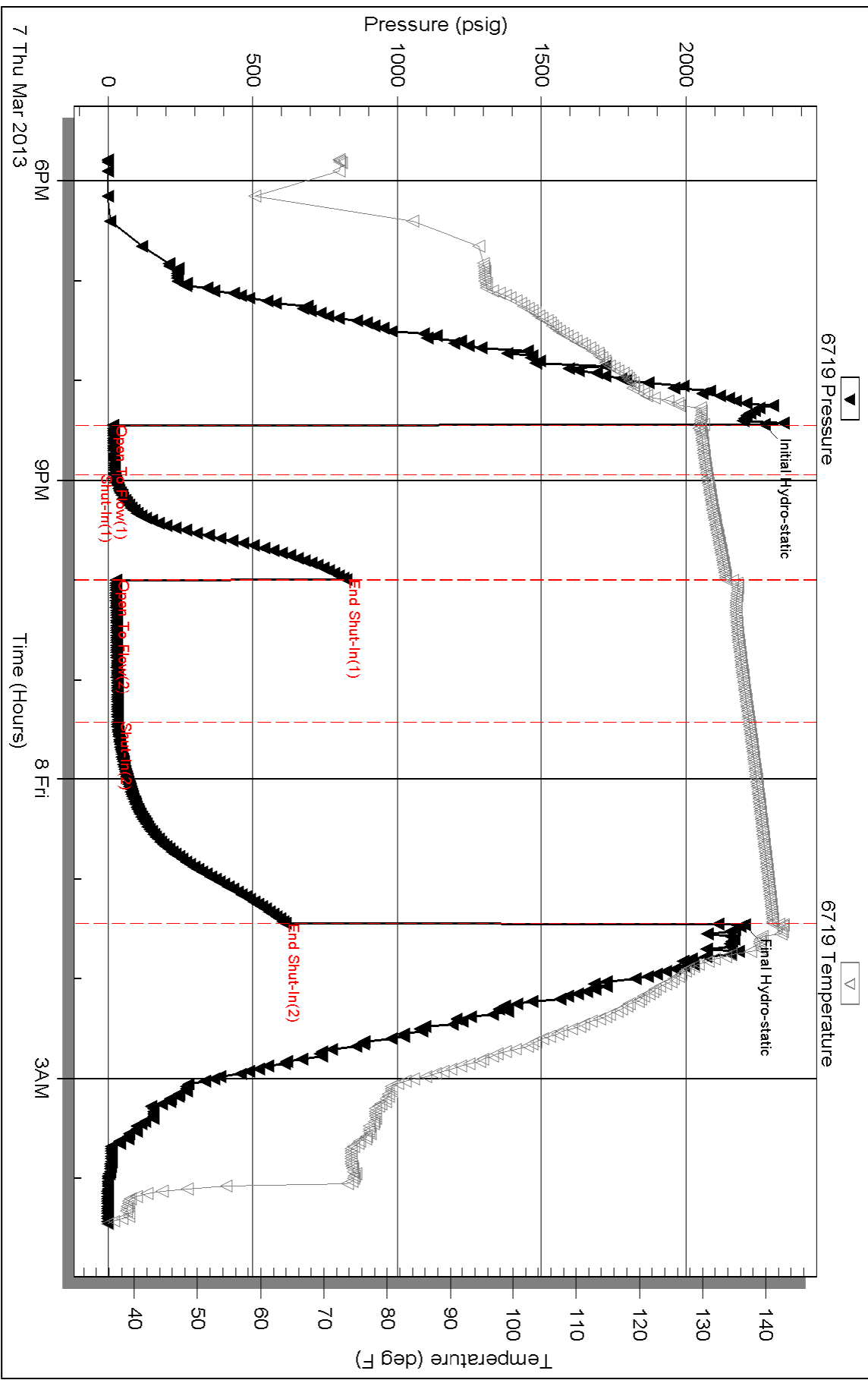
Inside

Berexco, LLC

Mears B #1-9

DST Test Number: 5

Pressure vs. Time



ALLIED OIL & GAS SERVICES, LLC

060181

Federal Tax I.D. # 20-8651475

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

SERVICE POINT:

Oakley

3-10-13

DATE <u>3-9-13</u>	SEC. <u>9</u>	TWP. <u>1</u>	RANGE <u>37</u>	CALLED OUT	ON LOCATION	JOB START <u>10:00 Am</u>	JOB FINISH <u>11:00 pm</u>
LEASE <u>Mears</u>	B	WELL# <u>1-9</u>	LOCATION <u>Bird City N To AA Rd - 3E-</u>	COUNTY <u>Cheyenne</u>	STATE <u>Ks.</u>		
OLD OR <u>NEW</u> (Circle one)			<u>2 1/2 N into</u>				

CONTRACTOR Beredco #10

TYPE OF JOB Production

HOLE SIZE <u>7 7/8</u>	T.D. <u>4738'</u>
CASING SIZE <u>4 1/2</u>	DEPTH <u>4742.50'</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT <u>44.23</u>
CEMENT LEFT IN CSG. <u>44.23</u>	
PERFS.	
DISPLACEMENT <u>72.82</u>	
EQUIPMENT	

OWNER Same

CEMENT
AMOUNT ORDERED 200 sks ALW 3/4" Flosal
200 sks Com 10% Salt 2% Gel 5" Gilsomite

COMMON	<u>200 sks</u>	@ <u>\$17.90</u>	<u>\$3580.00</u>
POZMIX		@	
GEL	<u>4 sks</u>	@ <u>\$23.40</u>	<u>\$93.60</u>
CHLORIDE		@	
ASC		@	
ALW	<u>200 sks</u>	@ <u>\$15.95</u>	<u>\$3190.00</u>
Flosal	<u>150 #</u>	@ <u>\$2.92</u>	<u>\$445.50</u>
Salt	<u>18 sks</u>	@ <u>\$26.35</u>	<u>\$474.30</u>
Gilsomite	<u>1000 #</u>	@ <u>\$.78</u>	<u>\$780.00</u>

PUMP TRUCK	CEMENTER <u>Darren Racette</u>
# <u>431</u>	HELPER <u>Tyler Flipse</u>
BULK TRUCK	
# <u>540-287</u>	DRIVER <u>Brandon Wilkison</u>
BULK TRUCK	
# <u>347</u>	DRIVER <u>Ty Schrock</u>

HANDLING <u>472.44</u>	CF X	@ <u>\$2.48</u>	<u>\$1171.65</u>
MILEAGE <u>19.82 X 50 X</u>		@ <u>\$2.62</u>	<u>\$2587.60</u>
			TOTAL <u>\$12524.65</u>

REMARKS:

Plug mouthhole 10 sks Cement
Plug bathole 10 sks Cement
mix 180 sks Lite Cement followed by 200 sks
Com Cement Displace with water Land Plug
1000 # Lift 1205 Float Hold

Thank You.

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

SERVICE

DEPTH OF JOB <u>4742.50'</u>	
PUMP TRUCK CHARGE	<u>\$2765.75</u>
EXTRA FOOTAGE	@
MILEAGE <u>50</u>	@ <u>\$7.70</u> <u>\$385.00</u>
MANIFOLD	@
	@
	@
TOTAL <u>\$3150.75</u>	

PLUG & FLOAT EQUIPMENT

Industrial Rubber <u>4 1/2</u>	
1-AFU Float Shoe	@ <u>\$217.00</u>
1-Latch Down plug Assy	@ <u>\$155.00</u>
12-Centralizers	@ <u>\$35.00</u> <u>\$420.00</u>
20-Roap Scratchers	@ <u>\$35.00</u> <u>\$700.00</u>
2-Baskets	@ <u>\$162.00</u> <u>\$324.00</u>
TOTAL <u>\$1816.00</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.

SALES TAX (If Any) _____
TOTAL CHARGES 17,491.40
DISCOUNT 6,646.73 IF PAID IN 30 DAYS
10,844.66 Net.

PRINTED NAME Steve Sughroue
SIGNATURE [Signature]

**BEREXCO, LLC.
MEARS B # 1-9
NWSE SECTION 9 1S-37W
CHEYENNE COUNTY, KANSAS**

**GEOLOGIST
WILLIAM B. BYNOG**

RESUME

OPERATOR: BEREXCO, LLC.

WELL NAME & NUMBER: MEARS B # 1-9

LOCATION: NWSE SECTION 9 1S-37W

COUNTY: CHEYENNE

STATE: KANSAS

SPUD DATE: 2-25-2012 COMPLETION DATE: 3-9-2012

ELEVATIONS: GL: 3226' KB: 3237'

CONTRACTOR: BEREDCO RIG 10

LOGS: LOG TECH TYPES: RAG, MICROLOG

WELLSITE ENGINEER: NONE

MUD COMPANY: MORGAN MUD

MUD TYPE & ENGINEER: FRESH CHEMICAL

GEOLOGIST: WILLIAM B.BYNOG

HOLE SIZE: 7 7/8

MUD LOGGING BY: NONE

DRILL STEM TEST COMPANY: TRILOBITE

DRILL STEM TEST: DST #1 4030-87, DST #2 4200-90, DST #3 4260-4370, DST #4 4358-4415, and DST #5 4560-4600

WELL STATUS: SET 4½ PRODUCTION CASING

Beredco Drilling, Rig 10 MEARS B 1-9 SAMPLES DESCRIPTIONS
drilling 7 /78 hole

ANHYDRITE 3155(+82) S 3186(+51) CORRECTED DEPTH
3184(+53) L

BASE 3186(+51) S 3217(+20) CORRECTED DEPTH
3220(+17) L

Mears B # 1 to 9 Sample Descriptions

3500-3610 SHALE red,very soft,very argillaceous,gummy

3610-30 LIMESTONE white,firm,chalky, sandy in part,poor porosity,no shows

3630-80 SHALE as above,becoming silty

3680-3710 LIMESTONE buff,very hard,fossils,dense, chalky in part,poor porosity,no shows

3710-20 SHALE as above

MEARS B 1-9 SAMPLES DESCRIPTIONS

FORAKER

3720-24 GRAINSTONE gray,slightly hard,very fossils,clean,poor to trace fair intg porosity,even live brown stain,very gd mlky cut,good show free oil

3724-60 LIMESTONE buff,pale gray,very hard,dense,no shows

3760-75 LIMESTONE white,soft,chalky,sandy in part,fossils,fair intg porosity,no shows

3775-3800 SHALE gray,red,soft,argillaceous

3800-10 LIMESTONE buff,hard,fossils,dense, poor porosity,no shows

3810-60 SHALE red,gray,soft,gummy with thin LIMESTONE as above

3860-90 LIMESTONE white,slightly hard,fossils, very chalky in part,poor porosity,spotty dead black stain,no live oil

3890-3900 SHALE as above

3900-20 LIMESTONE buff,hard,fossils,dense,poor porosity,no shows

3920-48 SHALE as above

TOPEKA

MEARS B 1-9 SAMPLES DESCRIPTIONS

3948-4000 LIMESTONE white, buff, very hard, dense, blocky, chalky in part, poor porosity, no shows

4000-20 SHALE as above becoming silty

4020-24 GRAINSTONE off white, firm, very oolitic, good intg porosity, trace very spotty dead black stain, no live oil

4424-44 LIMESTONE off white, hard, slightly oolitic, dense

4044-78 SHALE red, soft, very argillaceous, silty

OREAD

4078-84 LIMESTONE white, firm, slightly oolitic, chalky in part, poor micxn and fair vuggy porosity, spotty to even brown live stain, good mlky cut, good show free oil

4084 to LIMESTONE off white, very hard, dense, blocky, no shows

DEPTH CORRECTION, AFTER PIPE STRAP
CORRECTED DEPTH 4118'

OLD DEPTH 4087'

4118-58 LIMESTONE buff, pale gray, very hard, dense, blocky, no shows with thin SHALE as above

4158-90 SHALE red, green, as above some black, fissile, slightly carbonaceous

MEARS B 1-9 SAMPLES DESCRIPTIONS

LANSING A ZONE

4190-4216 LIMESTONE buff,very hard,dense,blocky,smth texture,chalky in part,very poor porosity,no shows

4216-48 SHALE rounded,very soft,gummy

B ZONE

4248-60 LIMESTONE white,buff,slightly hard,slightly oolitic,poor to fair vuggy porosity,spotty live brown stain,good cut,good show free oil

4260-4304 SHALE as above

C ZONE

4304-10 LIMESTONE white,firm,slightly chalky, fossils,poor to fair intg and vuggy porosity, spotty live brown stain,very good mlky cut,good show free oil

4310-30 LIMESTONE buff,pale gray,very hard,dense,blocky,no shows

4330-44 SHALE red,green,soft,argillaceous

D ZONE

4244-52 LIMESTONE buff,very hard,dense,no shows

MEARS B 1-9 SAMPLES DESCRIPTIONS

4352-60 LIMESTONE white,hard,oolitic, chalky in part,poor intg porosity,spotty live brown stain,good cut,no free oil

4360-70 SHALE as above with very thin LIMESTONE as above becoming chalky

4370-92 SHALE red,very soft,very argillaceous

E ZONE

4392-4400 GRAINSTONE white, soft, friable, very oolitic, chalky in part, good intg porosity, very spotty faint brown stain, poor dim cut

4400-10 LIMESTONE off white, slightly hard, chalky, poor porosity, no shows

4410-40 SHALE red, firm, fissile, argillaceous

F ZONE

4434-50 LIMESTONE buff, hard, oolitic, dense, poor porosity, no shows

4450-58 SHALE as above

4466-70 LIMESTONE buff, hard, dense, slightly oolitic, poor porosity, no shows

4470-4548 SHALE red, firm, fissile, argillaceous with thin LIMESTONE as above

MEARS B 1-9 SAMPLES DESCRIPTIONS

4548-60 LIMESTONE buff,hard,fossils,slightly chalky,poor vis porosity,no shows

4560-86 SHALE red,gray,green,soft,very argillaceous,gummy

PAWNEE

4586-96 GRAINSTONE white, firm,very oolitic,slightly chalky,fair to trace good intg porosity,spotty to even light brown stain,very good mlky cut,good show free oil

4596-4650 LIMESTONE pale gray,very hard,dense, no shows with thin stringers SHALE as above some gray black,slightly carbonaceous

4650-70 SHALE as above

4670-4714 LIMESTONE buff,very hard,dense, clkly in part,poor porosity,no shows

4714-40 SHALE as above some black,fissile,carbonaceous with thin LIMESTONE as above

RTD 4740'

LTD 4738'