



DRILL STEM TEST REPORT

Prepared For: **Berexco LLC**

2020 N Bramblewood
Wichita, KS 67206

ATTN: Ed Grieves

19-26s-33w Finney,KS

Stone #1-19

Start Date: 2011.07.05 @ 23:15:00

End Date: 2011.07.06 @ 09:28:30

Job Ticket #: 43164 DST #: 5

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Berexco LLC
 2020 N Bramblewood
 Wichita, KS 67206
 ATTN: Ed Grieves

Stone #1-19
19-26s-33w Finney, KS
 Job Ticket: 43164 **DST#: 5**
 Test Start: 2011.07.05 @ 23:15:00

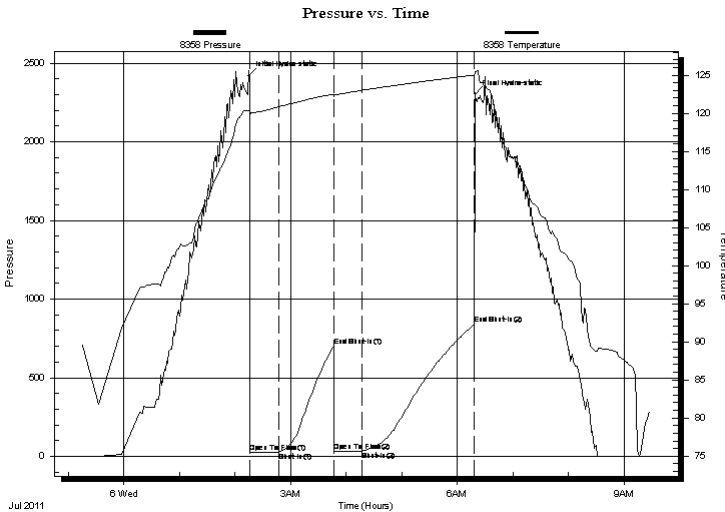
GENERAL INFORMATION:

Formation: **Morrow**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 02:16:15
 Time Test Ended: 09:28:30
 Interval: **4953.00 ft (KB) To 4980.00 ft (KB) (TVD)**
 Total Depth: 4980.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole
 Tester: Jace McKinney
 Unit No: 48
 Reference Elevations: 2937.00 ft (KB)
 2925.00 ft (CF)
 KB to GR/CF: 12.00 ft

Serial #: 8358 Inside
 Press @ Run Depth: 33.24 psig @ 4982.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2011.07.05 End Date: 2011.07.06 Last Calib.: 2011.07.06
 Start Time: 23:15:15 End Time: 09:28:30 Time On Btm: 2011.07.06 @ 02:15:00
 Time Off Btm: 2011.07.06 @ 06:19:15

TEST COMMENT: Weak Surface Blow
 No Return Blow
 Very Weak Surface Blow
 No Return Blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2417.43	120.40	Initial Hydro-static
2	25.72	119.57	Open To Flow (1)
32	28.10	120.84	Shut-In(1)
92	701.92	122.52	End Shut-In(1)
92	30.23	122.18	Open To Flow (2)
122	33.24	123.02	Shut-In(2)
244	841.76	125.00	End Shut-In(2)
245	2302.47	125.42	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	M 100%M	0.07

Gas Rates

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



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TOOL DIAGRAM

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Tool Information

Drill Pipe:	Length: 4327.08 ft	Diameter: 3.80 inches	Volume: 60.70 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 643.00 ft	Diameter: 2.25 inches	Volume: 3.16 bbl	Weight to Pull Loose: 150000.0 lb
			<u>Total Volume: 63.86 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	16.08 ft			String Weight: Initial 100000.0 lb
Depth to Top Packer:	4980.00 ft			Final 104000.0 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	27.00 ft			
Tool Length:	53.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Shut In Tool	5.00			4959.00	
Hydraulic tool	5.00			4964.00	
Jars	5.00			4969.00	
Safety Joint	2.00			4971.00	
Packer	5.00			4976.00	26.00 Bottom Of Top Packer
Packer	4.00			4980.00	
Stubb	2.00			4982.00	
Recorder	0.00	8358	Inside	4982.00	
Recorder	0.00	6669	Outside	4982.00	
Perforations	20.00			5002.00	
Bullnose	5.00			5007.00	27.00 Bottom Packers & Anchor

Total Tool Length: 53.00



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FLUID SUMMARY

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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: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.59 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3200.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	M 100%M	0.074

Total Length: 15.00 ft Total Volume: 0.074 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

