



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

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

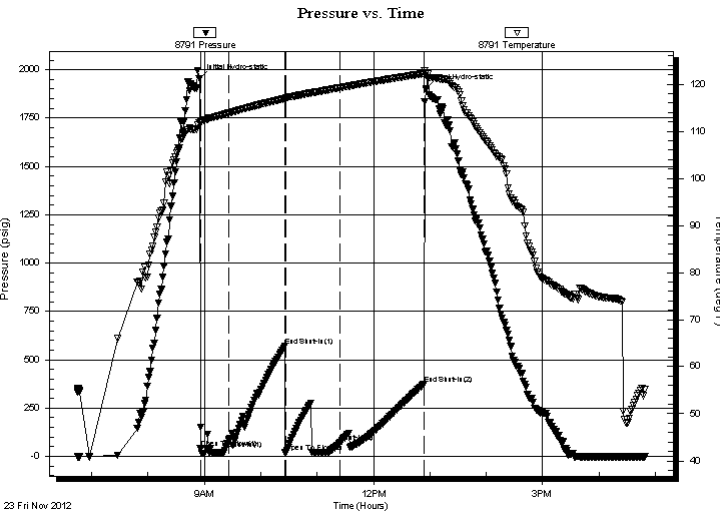
9-1s-37w
Mears A 2-9
Job Ticket: 51091 **DST#: 2**
Test Start: 2012.11.23 @ 06:45:00

GENERAL INFORMATION:

Formation: **Lan A**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 08:55:30
Time Test Ended: 16:49:00
Interval: **4150.00 ft (KB) To 4231.00 ft (KB) (TVD)**
Total Depth: 4138.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Poor
Reference Elevations: 3254.00 ft (KB)
3243.00 ft (CF)
KB to GR/CF: 11.00 ft
Test Type: Conventional Bottom Hole (Reset)
Tester: Wilbur Steinbeck
Unit No: 61

Serial #: 8791 Inside
Press @ Run Depth: 73.53 psig @ 4151.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2012.11.23 End Date: 2012.11.23 Last Calib.: 2012.11.23
Start Time: 06:45:01 End Time: 16:49:00 Time On Btm: 2012.11.23 @ 08:54:30
Time Off Btm: 2012.11.23 @ 12:55:30

TEST COMMENT: 30 IF; Weak surface blow died after 5 min
60 IS; No Blow
60 FF; Weak surface blow died after 5min
90 FS; No Blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1955.42	111.76	Initial Hydro-static
1	40.03	111.74	Open To Flow (1)
31	82.52	113.86	Shut-In(1)
91	569.19	116.94	End Shut-In(1)
92	20.44	117.01	Open To Flow (2)
150	73.53	119.27	Shut-In(2)
239	374.84	122.26	End Shut-In(2)
241	1903.86	122.47	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
32.00	Mud 100%	0.16

* Recovery from multiple tests

Gas Rates

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



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FLUID SUMMARY

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Mears A 2-9

Job Ticket: 51091

DST#: 2

ATTN: Bryan Bynog

Test Start: 2012.11.23 @ 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: 45.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
32.00	Mud 100%	0.157

Total Length: 32.00 ft Total Volume: 0.157 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8791

Inside

Berexco LLC

Mears A-2-9

DST Test Number: 2

