

**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **ESP Development, Inc**

1749 250th Ave
Hays KS 67601

ATTN: Randy Kilian

34 11S15W Russell KS

O C Ewert #6

Start Date: 2010.01.08 @ 04:29:13

End Date: 2010.01.08 @ 14:57:13

Job Ticket #: 37104 DST #: 1

RECEIVED
KANSAS CORPORATION COMMISSION

MAR 01 2010

CONSERVATION DIVISION
WICHITA, KS

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620



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Test Start: 2010.01.08 @ 04:29:13

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 09:12:13

Time Test Ended: 14:57:13

Test Type: **Conventional Straddle**

Tester: **Jason McLemore**

Unit No: **32**

Interval: **3185.00 ft (KB) To 3233.00 ft (KB) (TVD)**

Total Depth: **3276.00 ft (KB) (TVD)**

Hole Diameter: **7.80 inches** Hole Condition: **Good**

Reference Elevations: **1729.00 ft (KB)**

1721.00 ft (CF)

KB to GR/CF: **8.00 ft**

Serial #: **6755** Inside

Press@RunDepth: **39.00 psig @ 3189.00 ft (KB)**

Start Date: **2010.01.08**

End Date: **2010.01.08**

Start Time: **04:29:15**

End Time: **14:57:13**

Capacity: **8000.00 psig**

Last Calib.: **2010.01.08**

Time On Btm: **2010.01.08 @ 09:11:43**

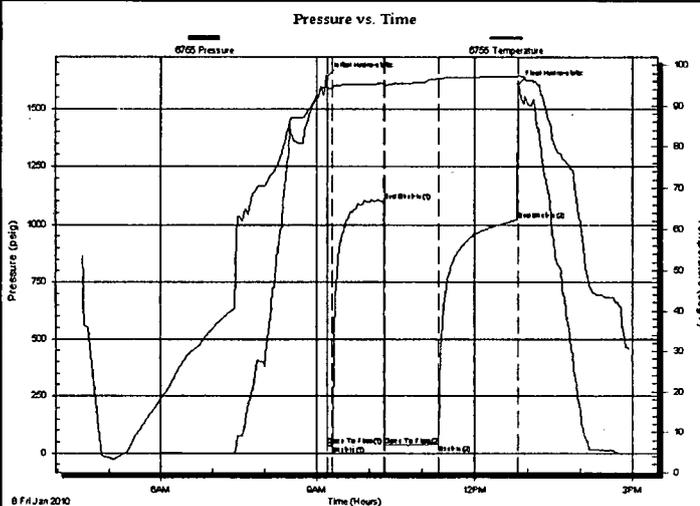
Time Off Btm: **2010.01.08 @ 12:49:43**

TEST COMMENT: **IFP-Weak Blow ,Built to 1"**

ISI-Dead

FFP-Weak Blow ,Built to 1-1/2"

FSI-Dead



PRESSURE SUMMARY

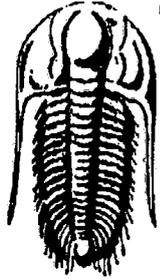
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1637.97	94.86	Initial Hydro-static
1	32.19	94.33	Open To Flow (1)
6	33.67	94.46	Shut-in(1)
65	1102.11	95.43	End Shut-In(1)
66	35.02	95.09	Open To Flow (2)
127	39.00	96.55	Shut-In(2)
217	1021.23	97.25	End Shut-In(2)
218	1607.46	97.40	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	OCM-15%O-85%M	0.28

Gas Rates

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



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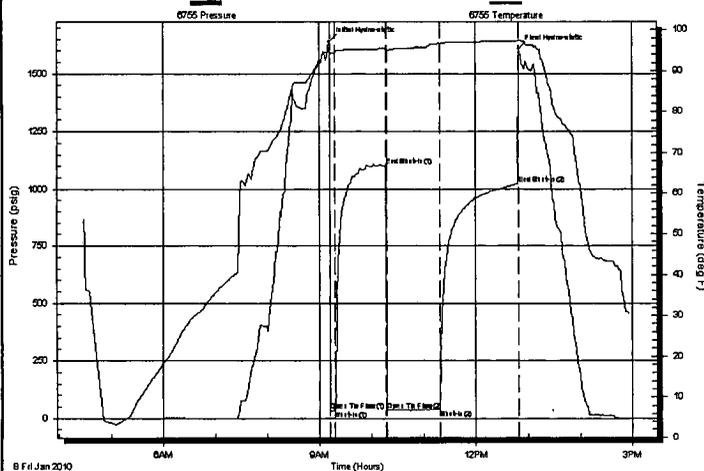
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IS-Dead
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Pressure vs. Time



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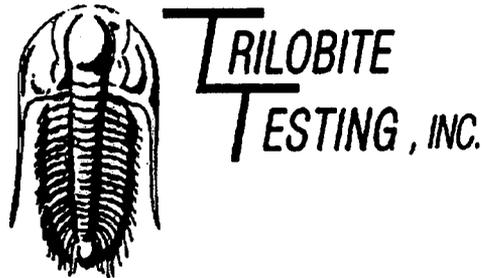
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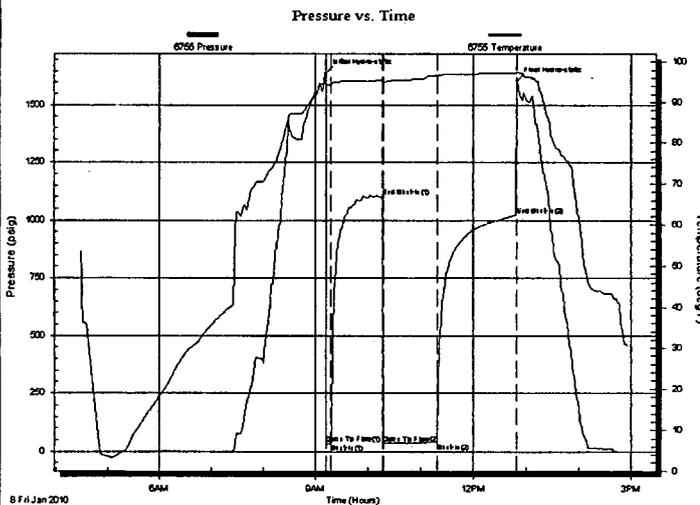
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