

**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Edison Operating Co

1-25S-15W Stafford

9427 E Cross Creek
Wichita, KS 67206

McAnally 1-1

ATTN: Derek Patterson

Job Ticket: 50906

DST#: 1

Test Start: 2013.03.24 @ 14:55:39

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:31:09

Time Test Ended: 00:04:24

Test Type: Conventional Bottom Hole (Initial)

Tester: Leal Cason

Unit No: 45

Interval: 4196.00 ft (KB) To 4260.00 ft (KB) (TVD)

Reference Elevations: 2014.00 ft (KB)

Total Depth: 4260.00 ft (KB) (TVD)

2004.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 6798

Inside

Press @ Run Depth: 160.00 psig @ 4197.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.03.24

End Date:

2013.03.25

Last Calib.:

2013.03.25

Start Time: 14:55:40

End Time:

00:04:24

Time On Btm:

2013.03.24 @ 17:28:54

Time Off Btm:

2013.03.24 @ 21:15:39

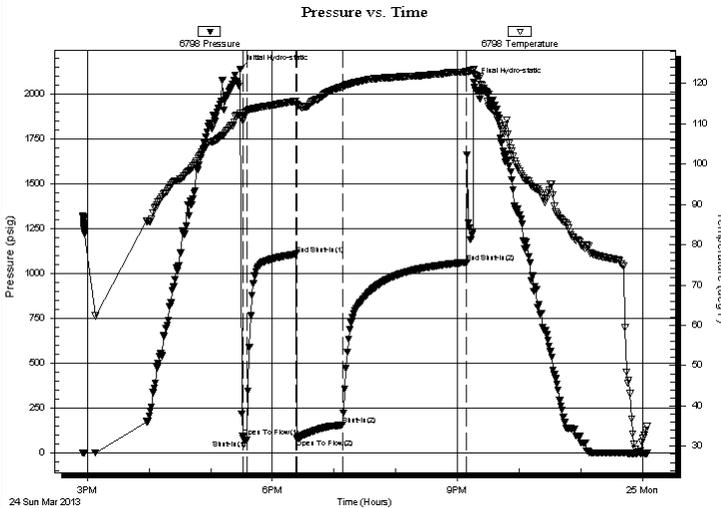
TEST COMMENT: IF: Strong Blow , BOB in 30 seconds

IS: No Blow Back

FF: Strong Blow , BOB immediate, GTS in 7 minutes, Gauged Gas, Caught Sample

FS: No Blow Back

PRESSURE SUMMARY



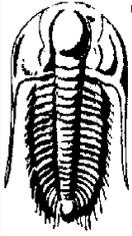
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2138.09	112.65	Initial Hydro-static
3	93.94	111.09	Open To Flow (1)
7	75.79	113.17	Shut-In(1)
54	1107.89	115.67	End Shut-In(1)
56	79.60	114.54	Open To Flow (2)
100	160.00	119.24	Shut-In(2)
220	1063.30	122.93	End Shut-In(2)
227	2065.99	123.63	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	GIP 3912	0.00
62.00	GMCW 5%G 40%M 55%W	0.92
124.00	GWCM 10%G 30%W 60%M	1.83
102.00	GCM 20%G 80%M	1.51

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	12.00	41.88
Last Gas Rate	0.25		
Max. Gas Rate	0.25	14.00	45.05



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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:

90000 ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5500.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
0.00	GIP 3912	0.000
62.00	GMCW 5%G 40%M 55%W	0.916
124.00	GWCM 10%G 30%W 60%M	1.832
102.00	GCM 20%G 80%M	1.507

Total Length: 288.00 ft Total Volume: 4.255 bbl

Num Fluid Samples: 0

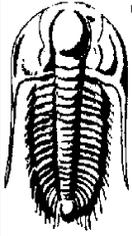
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW w as .18 @ 35 degrees



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GAS RATES

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Gas Rates Information

Temperature: 59 (deg F)
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
2	10	0.25	12.00	41.88
2	20	0.25	14.00	45.05
2	30	0.25	14.00	45.05
2	40	0.25	7.00	33.95
2	45	0.25	-999999.00	-999999.00

Pressure vs. Time

