



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TGT Petroleum Corporation
 7570 W 21st St N Ste 1010D
 Wichita, KS 67205
 ATTN: Jeff Christian

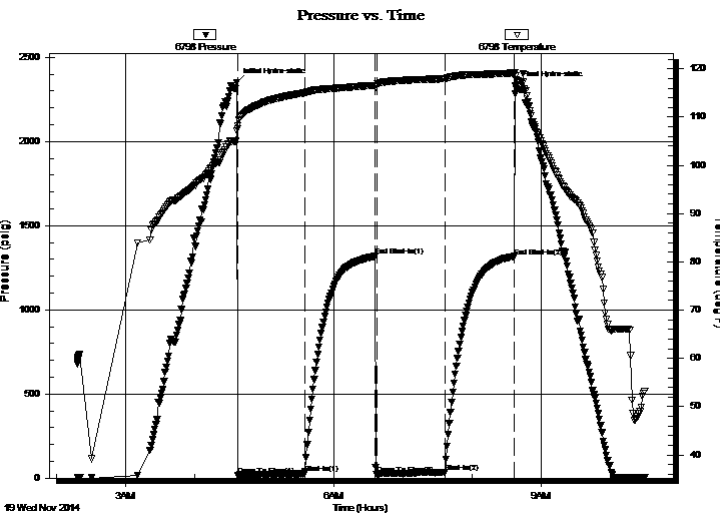
5-28S-18W Kiowa
Heft B 2
 Job Ticket: 59887 **DST#: 3**
 Test Start: 2014.11.19 @ 02:18:35

GENERAL INFORMATION:

Formation: **Mississippi**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 04:37:05 Tester: Leal Cason
 Time Test Ended: 10:30:05 Unit No: 74
 Interval: **4786.00 ft (KB) To 4804.00 ft (KB) (TVD)** Reference Elevations: 2226.00 ft (KB)
 Total Depth: 4804.00 ft (KB) (TVD) 2216.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 10.00 ft

Serial #: 6798 Inside
 Press@RunDepth: 33.53 psig @ 4787.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.11.19 End Date: 2014.11.19 Last Calib.: 2014.11.19
 Start Time: 02:18:36 End Time: 10:30:05 Time On Btm: 2014.11.19 @ 04:36:20
 Time Off Btm: 2014.11.19 @ 08:37:35

TEST COMMENT: IF: Strong Blow , BOB in 4 minutes
 IS: 7 inch Blow Back
 FF: Strong Blow , BOB in 10 seconds, GTS in 1 minute, Gauged & Caught Sample
 FS: 5 inch Blow Back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2349.80	107.21	Initial Hydro-static
1	17.29	107.64	Open To Flow (1)
59	27.39	115.03	Shut-In(1)
120	1317.86	116.59	End Shut-In(1)
121	22.90	116.55	Open To Flow (2)
180	33.53	117.94	Shut-In(2)
241	1316.88	119.13	End Shut-In(2)
242	2329.41	118.55	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	GTS	0.00
40.00	SGCM 5%G 95%M	0.56

* Recovery from multiple tests

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	10.00	38.71
Last Gas Rate	0.25	12.00	41.88
Max. Gas Rate	0.25	12.00	41.88



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FLUID SUMMARY

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5-28S-18W Kiowa

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Heft B 2

Job Ticket: 59887

DST#: 3

ATTN: Jeff Christian

Test Start: 2014.11.19 @ 02:18:35

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: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.58 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
0.00	GTS	0.000
40.00	SGCM 5%G 95%M	0.561

Total Length: 40.00 ft Total Volume: 0.561 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



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GAS RATES

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Heft B 2

Job Ticket: 59887

DST#: 3

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Test Start: 2014.11.19 @ 02:18:35

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	10.00	38.71
2	20	0.25	10.00	38.71
2	30	0.25	10.00	38.71
2	40	0.25	12.00	41.88
2	50	0.25	12.00	41.88
2	60	0.25	12.00	41.88

Serial #: 6798

Inside

TGT Petroleum Corporation

Heft B 2

DST Test Number: 3

