



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Herman L Loeb
PO Box 838
Lawrenceville, IL 62439
ATTN: Jon Christensen

18-27S-8W Kiowa
Blessed Acres 1-18
Job Ticket: 50890 **DST#: 3**
Test Start: 2013.02.14 @ 17:33:49

GENERAL INFORMATION:

Formation: **Mississippi**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 19:44:34
Time Test Ended: 00:36:19
Interval: **4735.00 ft (KB) To 4795.00 ft (KB) (TVD)**
Total Depth: 4795.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole (Reset)
Tester: Leal Cason
Unit No: 45
Reference Elevations: 2206.00 ft (KB)
2196.00 ft (CF)
KB to GR/CF: 10.00 ft

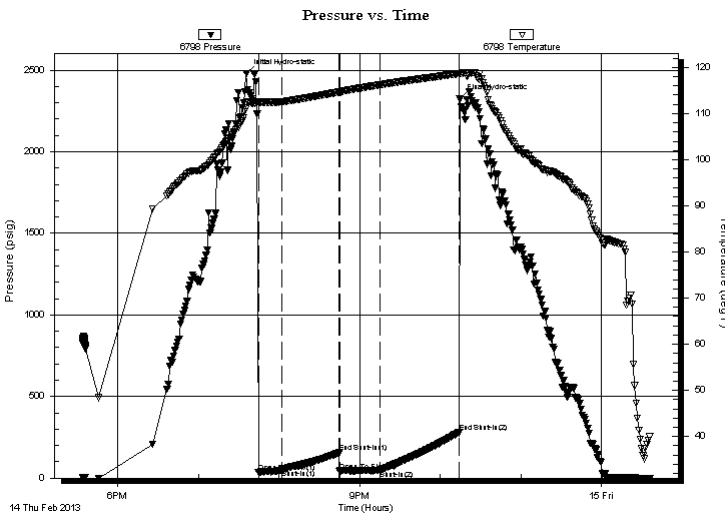
Serial #: 6798

Inside

Press @ Run Depth: 49.69 psig @ 4736.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2013.02.14 End Date: 2013.02.15 Last Calib.: 2013.02.15
Start Time: 17:33:50 End Time: 00:36:19 Time On Btm: 2013.02.14 @ 19:35:34
Time Off Btm: 2013.02.14 @ 22:14:19

TEST COMMENT: IF: Weak Blow , Built to 2 inches
IS: No Blow Back
FF: Weak Blow , Built to 2 inches
FS: No Blow Back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2480.09	111.23	Initial Hydro-static
9	35.88	112.34	Open To Flow (1)
27	51.88	112.55	Shut-In(1)
69	155.53	114.66	End Shut-In(1)
70	39.58	114.63	Open To Flow (2)
100	49.69	116.21	Shut-In(2)
159	280.05	118.63	End Shut-In(2)
159	2325.21	118.60	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	GIP 50	0.00
10.00	Mud	0.05

* Recovery from multiple tests

Gas Rates

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



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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: 59.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.99 in ³	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 bbl
0.00	GIP 50	0.000
10.00	Mud	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Pressure vs. Time

