



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Strata Exploration inc
PO Box 401
Fairfield, IL 62837
ATTN: Jim Hall

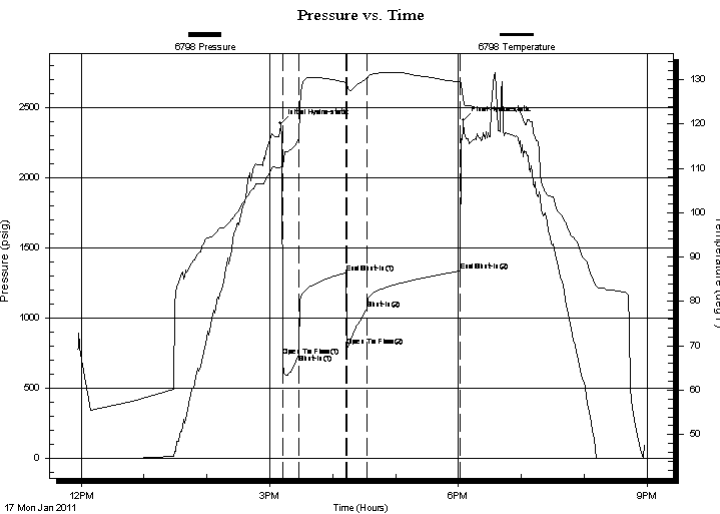
Banta #1-28
28-27S-18W
Job Ticket: 041576 **DST#: 2**
Test Start: 2011.01.17 @ 11:56:38

GENERAL INFORMATION:

Formation: **Kinderhook**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 15:12:08
Time Test Ended: 20:58:23
Interval: **4722.00 ft (KB) To 4793.00 ft (KB) (TVD)**
Total Depth: 4793.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole
Tester: Leal Cason
Unit No: 45
Reference Elevations: 2192.00 ft (KB)
2183.00 ft (CF)
KB to GR/CF: 9.00 ft

Serial #: 6798 Inside
Press @ Run Depth: 1067.28 psig @ 4723.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2011.01.17 End Date: 2011.01.17 Last Calib.: 2011.01.17
Start Time: 11:56:39 End Time: 20:58:23 Time On Btm: 2011.01.17 @ 15:10:23
Time Off Btm: 2011.01.17 @ 18:04:53

TEST COMMENT: IF: Strong Blow , BOB in 20 seconds, GTS in 5 minutes (TSTM) Caught Gas Sample
IS: Bled Off , BOB Blow back in 2 minutes
FF: Strong Blow , BOB & GTS Immediate, Guaged Gas & Caught Gas Sample, OTS in 17



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2389.22	110.44	Initial Hydro-static
2	730.32	110.35	Open To Flow (1)
18	742.76	116.67	Shut-In(1)
63	1325.61	129.36	End Shut-In(1)
63	801.17	129.15	Open To Flow (2)
83	1067.28	130.24	Shut-In(2)
172	1337.80	129.46	End Shut-In(2)
175	2410.34	125.66	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
82.00	GOCM 12%G 18%O 70%M	0.40
4630.00	GSY Oil 10%G 90%O	63.71

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	3.00	27.76



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FLUID SUMMARY

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Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

36 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
82.00	GOCM 12%G 18%O 70%M	0.403
4630.00	GSY Oil 10%G 90%O	63.708

Total Length: 4712.00 ft Total Volume: 63.039 bbl

Num Fluid Samples: 2

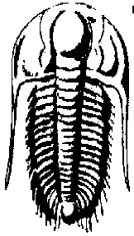
Num Gas Bombs: 0

Serial #:

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments: Dropped Bar, Reversed Out



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GAS RATES

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Gas Rates Information

Temperature: 59 deg C
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m ³ /d)
2	10	0.25	3.00	27.76

Pressure vs. Time

