



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Future Petroleum Co. LLC.
1455 W. Loop St. STE 600
Huston TX 77254
ATTN: Roger Martin

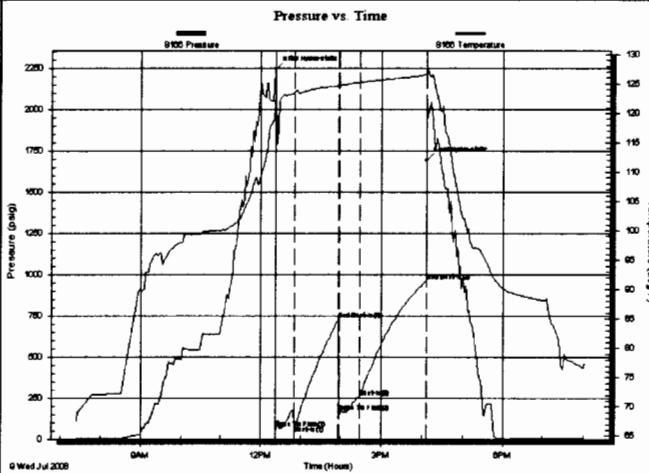
Dvorak #1
22/34s/4w Sumner KS
Job Ticket: 31671 DST#:1
Test Start: 2008.07.09 @ 07:24:10

GENERAL INFORMATION:

Formation: **Mississippi**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 12:22:10
Time Test Ended: 20:02:40
Interval: **4260.00 ft (KB) To 4490.00 ft (KB) (TVD)**
Total Depth: 4490.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole
Tester: Kevin Taylor
Unit No: 24
Reference Elevations: 1243.00 ft (KB)
1235.00 ft (CF)
KB to GRCF: 8.00 ft

Serial #: 8166 Inside
Press@RunDepth: 252.72 psig @ 4261.00 ft (KB) Capacity: 7000.00 psig
Start Date: 2008.07.09 End Date: 2008.07.09 Last Calib.: 2008.07.09
Start Time: 07:24:15 End Time: 20:02:40 Time On Btm: 2008.07.09 @ 12:21:49
Time Off Btm: 2008.07.09 @ 16:06:40

TEST COMMENT: I.F. Fair Blow Building To Strong Blow. B.O.B. 13 Min
I.S.I. No Blow
F.F. Strong Blow B.O.B. 30 Sec. Died Back To 4 1/2" In 45 Min
F.S.I. No Blow



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2245.21	123.36	Initial Hydro-static
1	67.48	122.54	Open To Flow(1)
29	83.47	123.57	Shut-In(1)
95	725.80	124.62	End Shut-In(1)
95	167.15	124.44	Open To Flow(2)
127	252.72	125.21	Shut-In(2)
225	962.14	126.65	End Shut-In(2)
225	1693.18	127.05	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
100.00	GCM 90%M 10%G	0.73
60.00	GCMOS 95%M 5%G Less Than 1%Oil	So.44

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

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DRILL STEM TEST REPORT

FLUID SUMMARY

Future Petroleum Co. LLC.

Dvorak #1

1455 W. Loop St. STE 600
Houston TX 77254

22/34s/4w Sumner KS

Job Ticket: 31671

DST#:1

ATTN: Roger Martin

Test Start: 2008.07.09 @ 07:24:10

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: 45.00 sec/qt

Cushion Volume:

bbf

Water Loss: 9.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3500.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
100.00	GCM 90%M 10%G	0.735
60.00	GCMOS 95%M 5%G Less Than 1%Oil Scum	0.441

Total Length: 160.00ft Total Volume: 1.176 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

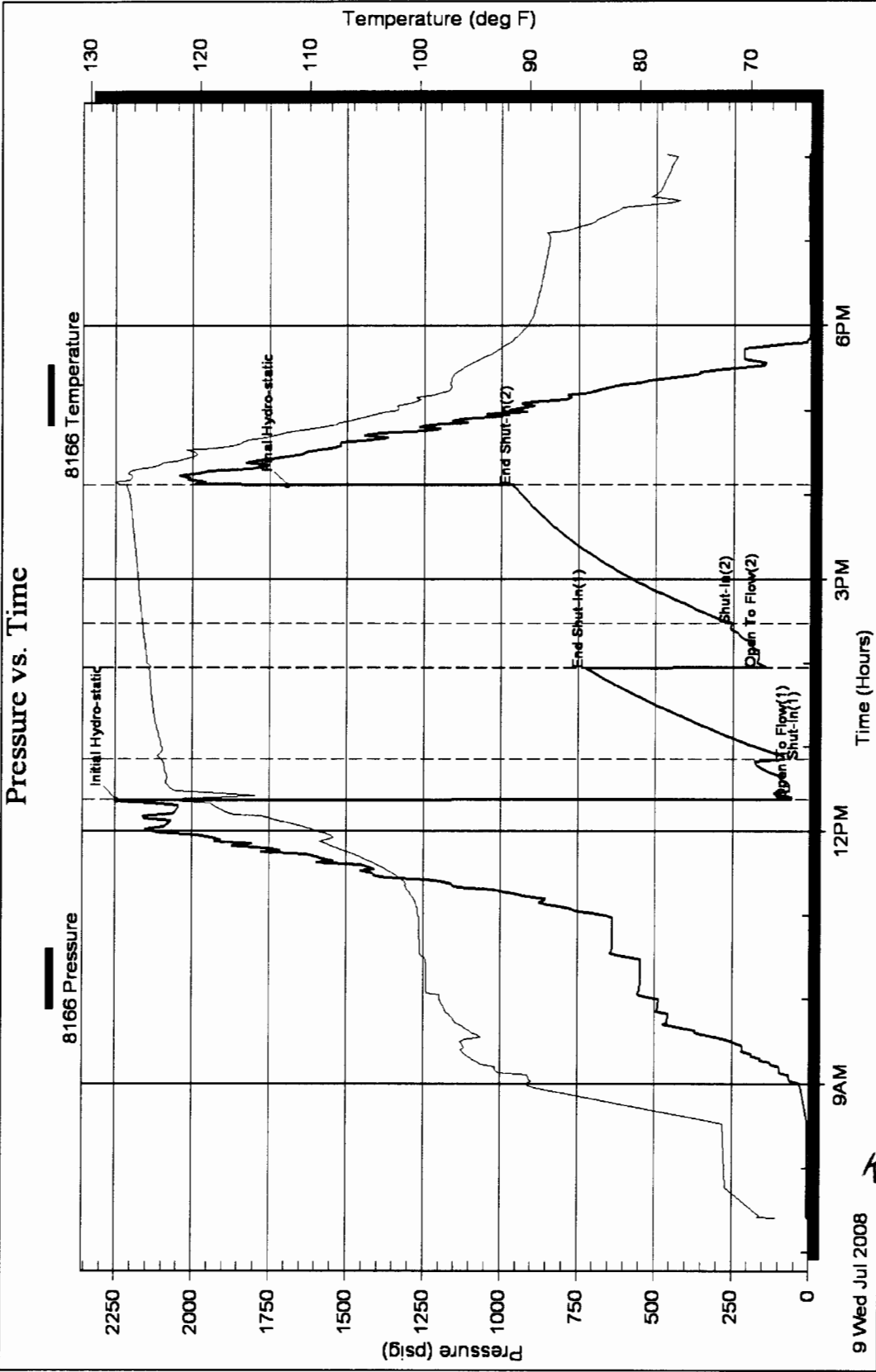
Recovery Comments:

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Pressure vs. Time



9 Wed Jul 2008

12PM

3PM

6PM

8166 Pressure

8166 Temperature

Initial Hydro-static

End Shut-In(1)

Shut-In(2)

Open To Flow(1)

Open To Flow(2)

End Shut-In(2)

Ref. No: 31671

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