



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

DNOC

PO Box 372
Hays, Ks
67601
ATTN: Gator

Marvin Saxton Unit 1-30

30-20-20/Pawnee

Job Ticket: 40936 **DST#: 1**
Test Start: 2010.11.14 @ 18:52:26

GENERAL INFORMATION:

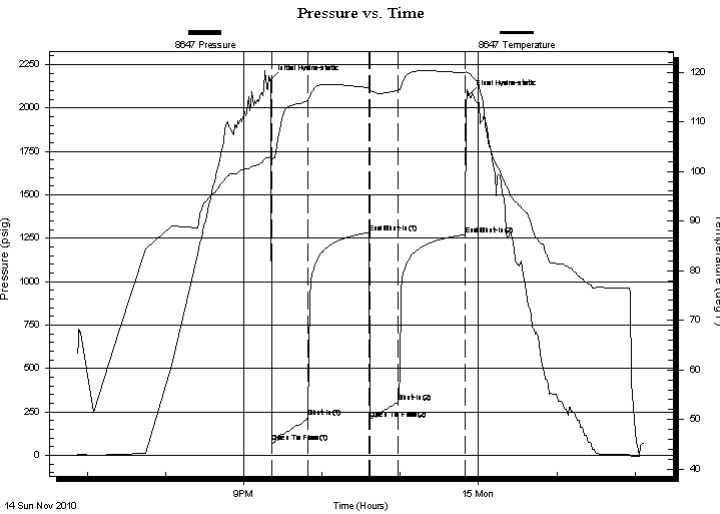
Formation: **Miss**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 21:21:21
Time Test Ended: 02:07:50
Interval: **4294.00 ft (KB) To 4343.00 ft (KB) (TVD)**
Total Depth: 4343.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition:
Test Type: Conventional Bottom Hole
Tester: Brian Fairbank
Unit No: 41
Reference Elevations: 2189.00 ft (KB)
2181.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 8647

Inside

Press @ Run Depth: 306.54 psig @ 4297.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2010.11.14 End Date: 2010.11.15 Last Calib.: 2010.11.15
Start Time: 18:52:26 End Time: 02:07:50 Time On Btm: 2010.11.14 @ 21:20:21
Time Off Btm: 2010.11.14 @ 23:52:20

TEST COMMENT: IFP - BOB 5 min
ISI - 6" blow back - died 26 min
FFP - BOB 5 min
FSI - 1 1/2" blow back - died 8 min



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2162.00	103.04	Initial Hydro-static
1	74.33	102.58	Open To Flow (1)
29	217.95	114.31	Shut-In(1)
76	1283.39	116.89	End Shut-In(1)
77	211.20	116.43	Open To Flow (2)
98	306.54	116.34	Shut-In(2)
149	1271.48	119.88	End Shut-In(2)
152	2076.81	119.77	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
310.00	GHOCM 25%G, 35%O, 40%M	4.07
125.00	GMCO 10%G, 70%O, 20%M	1.75
345.00	G FREE OIL 10%G, 85%O, 5%M	4.84
0.00	250' GIP	0.00

Gas Rates

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



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FLUID SUMMARY

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Hays, Ks

Job Ticket: 40936

DST#: 1

67601

ATTN: Gator

Test Start: 2010.11.14 @ 18:52:26

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

31 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 59.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 11.18 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
310.00	GHOCM 25%G, 35%O, 40%M	4.066
125.00	GMCO 10%G, 70%O, 20%M	1.753
345.00	G FREE OIL 10%G, 85%O, 5%M	4.839
0.00	250' GIP	0.000

Total Length: 780.00 ft

Total Volume: 10.658 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

