



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

New Gulf Operating
 10441 S Regal BLVD
 Tulsa, Ok 74133
 ATTN: Steve Murphy/ Jim He

4-12-32 Logan, Ks
James 1-4
 Job Ticket: 59043 **DST#: 1**
 Test Start: 2014.10.02 @ 19:12:11

GENERAL INFORMATION:

Formation: **LKC EF**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 22:39:41
 Time Test Ended: 04:12:41
 Interval: **4136.00 ft (KB) To 4154.00 ft (KB) (TVD)**
 Total Depth: 4154.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Brandon Turley
 Unit No: 60
 Reference Elevations: 3056.00 ft (KB)
 3046.00 ft (CF)
 KB to GR/CF: 10.00 ft

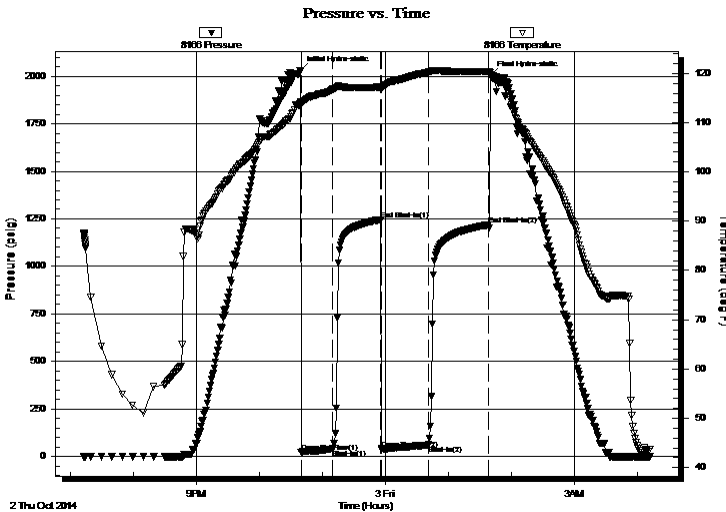
Serial #: 8166

Outside

Press @ Run Depth: 58.28 psig @ 4137.00 ft (KB)
 Start Date: 2014.10.02 End Date: 2014.10.03
 Start Time: 19:12:16 End Time: 04:12:41
 Capacity: 8000.00 psig
 Last Calib.: 2014.10.03
 Time On Btm: 2014.10.02 @ 22:38:41
 Time Off Btm: 2014.10.03 @ 01:40:11

TEST COMMENT: IF: BOB in 28 min.
 IS: Surface blow died in 10 min.
 FF: BOB in 25 min.
 FS: Surface blow died in 20 min.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2030.85	113.83	Initial Hydro-static
1	22.80	113.62	Open To Flow (1)
31	36.98	116.67	Shut-In(1)
77	1245.06	117.22	End Shut-In(1)
78	35.49	116.97	Open To Flow (2)
122	58.28	120.23	Shut-In(2)
180	1218.54	120.30	End Shut-In(2)
182	2004.63	120.11	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	gocm 10%g 10%o 80%m	0.59
63.00	go 10%g 90%o	0.88
0.00	186 GIP	0.00

Gas Rates

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



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FLUID SUMMARY

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Job Ticket: 59043

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ATTN: Steve Murphy/ Jim He

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Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

38 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	gocm 10%g 10%o 80%m	0.587
63.00	go 10%g 90%o	0.884
0.00	186 GIP	0.000

Total Length: 125.00 ft Total Volume: 1.471 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Make sure to sent reports to Jim Henkle
jhenkle@newgulfresources.com
37@50=38

