



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Gulf Exploration
 9701 N. Broadway Extension
 Oklahoma City, OK 73114
 ATTN: Mike Madcharo

3/7S/36W

Goetsch #1-3

Job Ticket: 62289

DST#: 3

Test Start: 2015.06.01 @ 17:22:00

GENERAL INFORMATION:

Formation: **LKC "H-J"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 21:00:30
 Time Test Ended: 00:21:00
 Interval: **4278.00 ft (KB) To 4355.00 ft (KB) (TVD)**
 Total Depth: 4355.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Brandon Quintana
 Unit No: 57
 Reference Elevations: 3324.00 ft (KB)
 3313.00 ft (CF)
 KB to GR/CF: 11.00 ft

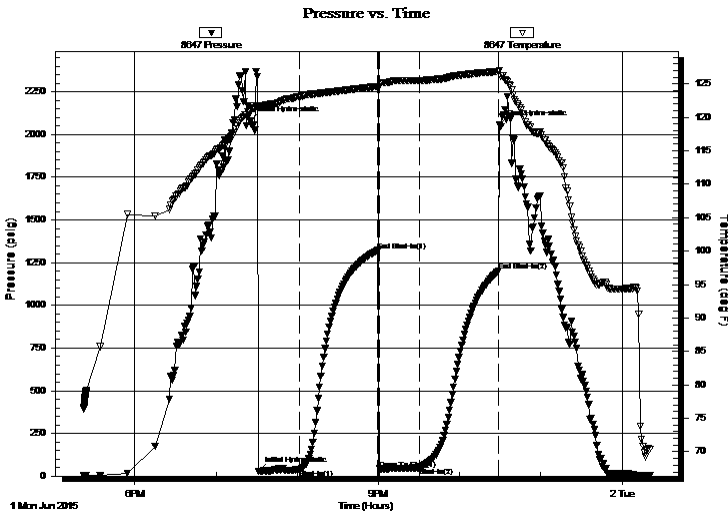
Serial #: 8647

Inside

Press @ Run Depth: 51.94 psig @ 4279.00 ft (KB)
 Start Date: 2015.06.01 End Date: 2015.06.02
 Start Time: 17:22:01 End Time: 00:21:00
 Capacity: 8000.00 psig
 Last Calib.: 2015.06.02
 Time On Btm: 2015.06.01 @ 19:25:30
 Time Off Btm: 2015.06.01 @ 22:29:30

TEST COMMENT: 30 - IF Opened w/ surface blow, didn't build
 60 - ISI - No Return
 30 - FF - No Blow
 60 - FSI - No Return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2079.01	121.12	Initial Hydro-static
6	28.48	121.49	Initial Hydro-static
36	37.40	123.10	Shut-In(1)
94	1321.58	124.59	End Shut-In(1)
95	42.86	124.53	Open To Flow (1)
125	51.94	125.47	Shut-In(2)
183	1199.40	126.82	End Shut-In(2)
184	2055.06	127.00	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	100% mud w/ oil spots	0.10

Gas Rates

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



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FLUID SUMMARY

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Test Start: 2015.06.01 @ 17:22:00

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: 49.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 14200.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	100% mud w/oil spots	0.098

Total Length: 20.00 ft Total Volume: 0.098 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

