



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Cholla Production, LLC

5-11-23, Trego, KS

7851 S Elati ST STE 201
Littleton CO 80120

Ruder #1-5

Job Ticket: 48560

DST#: 3

ATTN: Bill Goff

Test Start: 2012.08.26 @ 15:00:00

GENERAL INFORMATION:

Formation: **KC"J-K"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:26:00

Time Test Ended: 23:42:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Brett Dickinson

Unit No: 59

Interval: 3734.00 ft (KB) To 3800.00 ft (KB) (TVD)

Total Depth: 3800.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2324.00 ft (KB)

2316.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 6753 Inside

Press@RunDepth: 23.37 psig @ 3735.00 ft (KB)

Start Date: 2012.08.26

End Date:

2012.08.26

Start Time: 15:00:05

End Time:

23:42:00

Capacity: 8000.00 psig

Last Calib.: 2012.08.26

Time On Btm: 2012.08.26 @ 19:24:30

Time Off Btm: 2012.08.26 @ 21:50:00

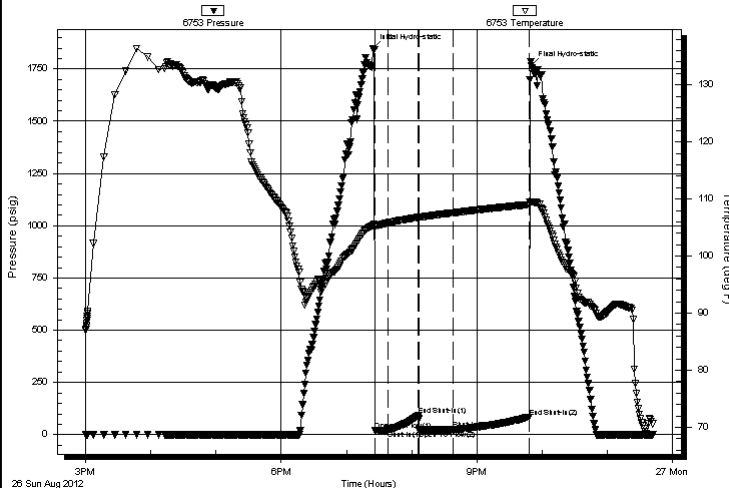
TEST COMMENT: IF-Very weak surface blow

ISI-No blow

FF-No blow

FSI-No blow

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1848.54	105.35	Initial Hydro-static
2	20.68	105.15	Open To Flow (1)
14	22.18	105.81	Shut-In(1)
42	93.75	106.79	End Shut-In(1)
43	22.77	106.79	Open To Flow (2)
73	23.37	107.56	Shut-In(2)
143	84.97	109.02	End Shut-In(2)
146	1767.60	109.48	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud	0.02

Gas Rates

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

* Recovery from multiple tests



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Cholla Production, LLC

5-11-23, Trego, KS

7851 S Elati ST STE 201
Littleton CO 80120

Ruder #1-5

Job Ticket: 48560

DST#: 3

ATTN: Bill Goff

Test Start: 2012.08.26 @ 15:00:00

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: 51.00 sec/qt

Cushion Volume:

bbl

Water Loss: 6.80 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3400.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: SamplerData 3000ml mud 40psi

Serial #: 6753

Inside

Cholla Production, LLC

Ruder #1-5

DST Test Number: 3

Pressure vs. Time

