



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Cholla Production LLC
7851 S Elati St Ste 201
Littleton, Co 80120
ATTN: Bill Goff

Bontrager 1-32
32-19s-33w Scott, KS
Job Ticket: 43677 **DST#: 1**
Test Start: 2011.08.11 @ 05:57:41

GENERAL INFORMATION:

Formation: **LKC**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 08:05:36
Time Test Ended: 13:48:35
Test Type: Conventional Bottom Hole
Tester: Brandon Turley
Unit No: 35
Interval: **4264.00 ft (KB) To 4324.00 ft (KB) (TVD)**
Reference Elevations: 2983.00 ft (KB)
Total Depth: 4324.00 ft (KB) (TVD)
2978.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Good
KB to GR/CF: 5.00 ft

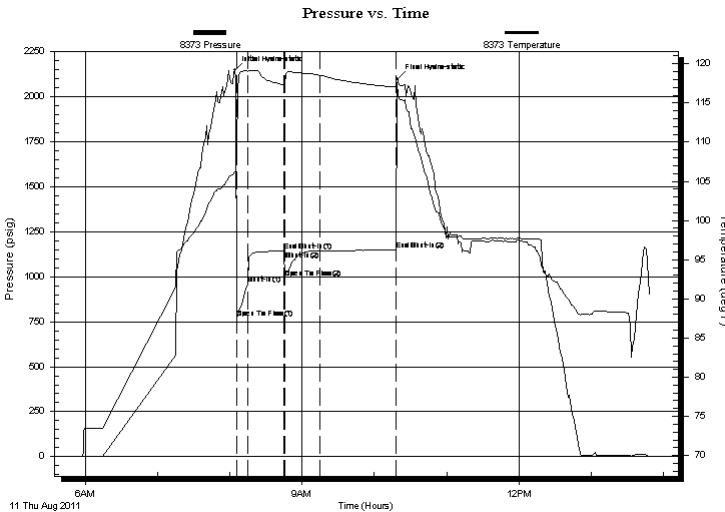
Serial #: 8373

Inside

Press @ Run Depth: 1143.96 psig @ 4265.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2011.08.11 End Date: 2011.08.11 Last Calib.: 2011.08.11
Start Time: 05:57:41 End Time: 13:48:35 Time On Btm: 2011.08.11 @ 08:04:06
Time Off Btm: 2011.08.11 @ 10:19:20

TEST COMMENT: IF: BOB in 1 min.
IS: No return.
FF: BOB in 2 min.
FS: No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2147.67	106.17	Initial Hydro-static
2	771.50	109.21	Open To Flow (1)
11	957.64	119.07	Shut-In(1)
41	1144.35	117.32	End Shut-In(1)
42	995.25	116.95	Open To Flow (2)
71	1143.96	118.52	Shut-In(2)
134	1147.26	117.01	End Shut-In(2)
136	2100.05	116.51	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	water 100%w	0.61
2108.00	mcw 90%w 10%m	29.57
258.00	w cm 20%w 80%m	3.62

Gas Rates

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



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FLUID SUMMARY

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Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

24000 ppm

Viscosity: 62.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.18 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4200.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
124.00	water 100%w	0.610
2108.00	mcw 90%w 10%m	29.570
258.00	w cm 20%w 80%m	3.619

Total Length: 2490.00 ft Total Volume: 33.799 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .20@97=24000

