

**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Cholla Production, LLC.

25/2s/30w Decatur KS

10390 Bradford Rd. STE 201
Littleton, CO 80127

Stallman #2-25

ATTN: Justin Carter

Job Ticket: 55090

DST#: 3

Test Start: 2013.09.26 @ 23:20:00

GENERAL INFORMATION:

Formation: **LKC "J"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 01:15:15
 Time Test Ended: 06:22:15
 Interval: **3934.00 ft (KB) To 4076.00 ft (KB) (TVD)**
 Total Depth: 4076.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: James Winder
 Unit No: 57
 Reference Elevations: 2803.00 ft (KB)
 2798.00 ft (CF)
 KB to GR/CF: 5.00 ft

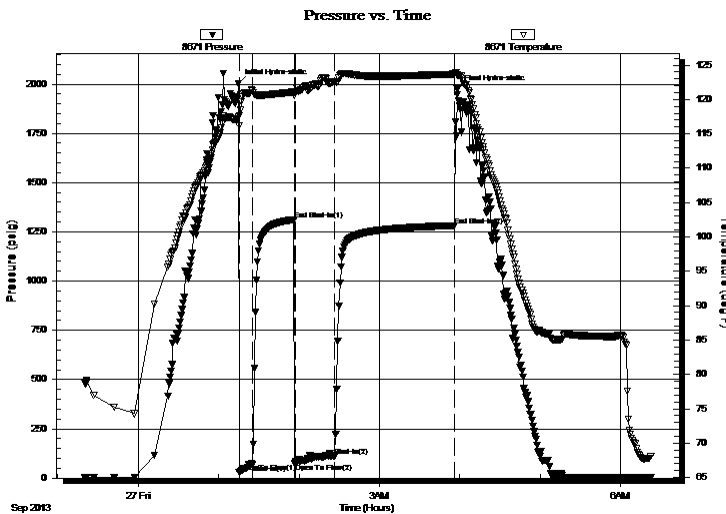
Serial #: 8671

Inside

Press @ Run Depth: 113.21 psig @ 3935.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.09.26 End Date: 2013.09.27 Last Calib.: 2013.09.27
 Start Time: 23:20:05 End Time: 06:22:14 Time On Btm: 2013.09.27 @ 01:15:00
 Time Off Btm: 2013.09.27 @ 03:57:45

TEST COMMENT: 10 - IF: 3/4" Blow at open, built to 3 1/2"
 30 - IS: No blow back
 30 - FF: Blow built to 6 1/2" (some surging on both open blow s)
 90 - FS: No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2004.07	117.46	Initial Hydro-static
1	28.99	116.23	Open To Flow (1)
11	68.96	121.26	Shut-In(1)
42	1312.46	121.08	End Shut-In(1)
42	74.13	120.83	Open To Flow (2)
72	113.21	122.58	Shut-In(2)
162	1281.98	123.68	End Shut-In(2)
163	1973.70	123.62	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	SO/GWCM 65% <i>m</i> , 15% <i>w</i> , 8% <i>o</i> mix, 12% <i>g</i>	0.30
60.00	SOCGM 84% <i>m</i> , 13% <i>g</i> , 3% <i>o</i>	0.30
70.00	SOCM 96% <i>m</i> , 3% <i>o</i> , 1% <i>g</i>	0.98
0.00	6" of free oil on top	0.00
0.00	Sampler = 310 psi	0.00
0.00	S = 1500 mL 38% <i>m</i> , 23% <i>g</i> , 22% <i>o</i> mix,	70.00

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.

25/2s/30w Decatur KS

10390 Bradford Rd. STE 201
Littleton, CO 80127

Stallman #2-25

Job Ticket: 55090

DST#: 3

ATTN: Justin Carter

Test Start: 2013.09.26 @ 23:20:00

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: 58.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 900.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	SO/GWCM 65% <i>m</i> , 15% <i>w</i> , 8% <i>o</i> mix, 12% <i>g</i>	0.305
60.00	SOCGM 84% <i>m</i> , 13% <i>g</i> , 3% <i>o</i>	0.295
70.00	SOCM 96% <i>m</i> , 3% <i>o</i> , 1% <i>g</i>	0.982
0.00	6" of free oil on top	0.000
0.00	Sampler = 310 psi	0.000
0.00	S = 1500 mL 38% <i>m</i> , 23% <i>g</i> , 22% <i>o</i> mix, 17% <i>w</i>	0.000

Total Length: 192.00 ft Total Volume: 1.582 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 62' sample had oil mixture (oil, salt, mud)

Sampler = 310 psi

Sampler = 1500 mL 38%*m*, 23%*g*, 22% oil mixture (like in bottom collar), 17%*w*

No way to get a clean water sample for chloride check

