



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Cholla Production LLC  
7851 S Elati St. STE 201  
Littleton, CO 80120  
ATTN: Bill Goff

**Kyte - Jording #1-14**  
**14/2s/30w Decatur KS**  
Job Ticket: 040068 **DST#: 2**  
Test Start: 2010.11.05 @ 20:45:00

## GENERAL INFORMATION:

Formation: **Lans. "G - H"**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 23:51:30  
Time Test Ended: 04:56:30  
Interval: **3862.00 ft (KB) To 3937.00 ft (KB) (TVD)**  
Total Depth: 3937.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Fair  
Test Type: Conventional Bottom Hole  
Tester: James Winder  
Unit No: 46  
Reference Elevations: 2823.00 ft (KB)  
2818.00 ft (CF)  
KB to GR/CF: 5.00 ft

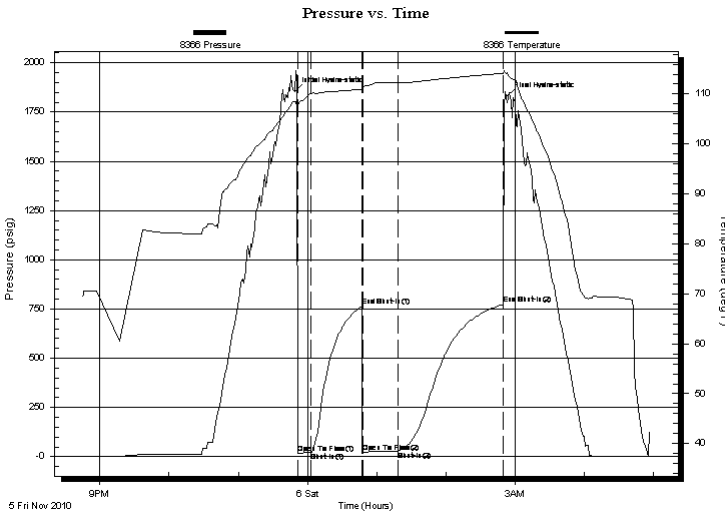
## Serial #: 8366

Inside

Press @ Run Depth: 27.10 psig @ 3863.00 ft (KB) Capacity: 8000.00 psig  
Start Date: 2010.11.05 End Date: 2010.11.06 Last Calib.: 2010.11.06  
Start Time: 20:45:05 End Time: 04:56:29 Time On Btm: 2010.11.05 @ 23:49:00  
Time Off Btm: 2010.11.06 @ 02:52:30

**TEST COMMENT:** IF: Blow built to 1"  
IS: Bled off, No blow back  
FF: Surface blow at 10 min., dead at 15 min.  
FS: No blow back

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1854.33	108.46	Initial Hydro-static
3	18.48	107.74	Open To Flow (1)
14	20.94	110.12	Shut-In(1)
58	763.31	110.97	End Shut-In(1)
59	23.01	111.40	Open To Flow (2)
89	27.10	112.24	Shut-In(2)
181	773.57	114.16	End Shut-In(2)
184	1829.04	114.21	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
10.00	SOCM 98%m, 2‰	0.05
0.00	Sampler = 160 PSI	0.00
0.00	Just enough fluid recovery for grind out	0.00
0.00	SOCM 94%m, 6‰	0.00

## 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:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.39 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
10.00	SOCM 98% <sub>m</sub> , 2% <sub>o</sub>	0.049
0.00	Sampler = 160 PSI	0.000
0.00	Just enough fluid recovery for grind out	0.000
0.00	SOCM 94% <sub>m</sub> , 6% <sub>o</sub>	0.000

Total Length: 10.00 ft      Total Volume: 0.049 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

