



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Cholla Production  
7851 S. ELATI St. Ste 201 Littleton Co 80120  
ATTN: Cholla Production,L

**12 2s 30w Decatur Ks.**  
**Kyte #1-12**  
Job Ticket: 46190      **DST#: 2**  
Test Start: 2012.09.07 @ 20:00:00

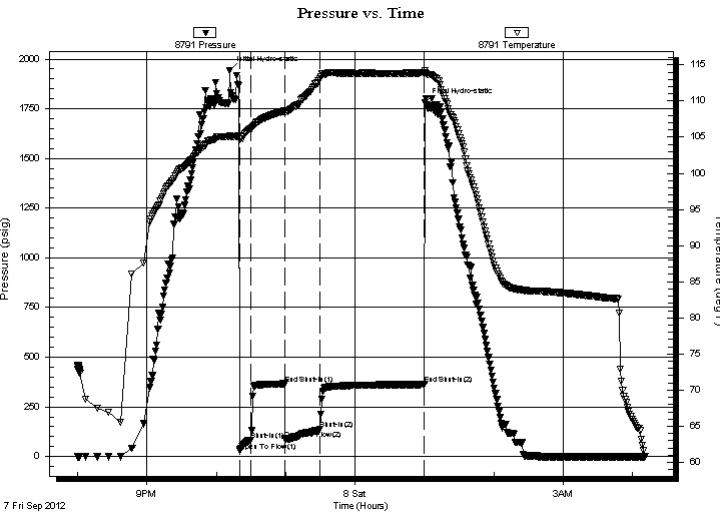
## GENERAL INFORMATION:

Formation: **Lansing KC B Zone**  
Deviated: No Whipstock:      ft (KB)      Test Type: Conventional Bottom Hole (Reset)  
Time Tool Opened: 22:20:00      Tester: Troy Leiker  
Time Test Ended: 04:10:30      Unit No: 61  
**Interval: 3780.00 ft (KB) To 3825.00 ft (KB) (TVD)**      Reference Elevations: 2783.00 ft (KB)  
Total Depth: 3785.00 ft (KB) (TVD)      2778.00 ft (CF)  
Hole Diameter: 7.80 inches Hole Condition: Fair      KB to GR/CF: 5.00 ft

## Serial #: 8791

Press @ Run Depth: 135.71 psig @      ft (KB)      Capacity: 8000.00 psig  
Start Date: 2012.09.07      End Date: 2012.09.08      Last Calib.: 2012.09.08  
Start Time: 20:00:05      End Time: 04:10:29      Time On Btm: 2012.09.07 @ 22:11:30  
Time Off Btm: 2012.09.08 @ 01:00:30

**TEST COMMENT:** IF 10 Fair Blow to 5" in Bkt.  
IS 30 No Blow Back  
FF 30 Strong Blow, Off Bottom in 15min.  
FS 90 Weak Increasing Blow to 1" in Bkt.



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1943.23	105.17	Initial Hydro-static
9	27.82	104.74	Open To Flow (1)
19	82.11	106.18	Shut-In(1)
48	365.85	108.62	End Shut-In(1)
48	88.98	108.55	Open To Flow (2)
78	135.71	113.08	Shut-In(2)
169	362.74	113.91	End Shut-In(2)
169	1782.50	114.25	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
186.00	HOCWM 30%o 10%w 60%m	2.61
62.00	HOCM 30%o 70%m	0.87
52.00	Clean Oil 5%g 95%o	0.73

\* Recovery from multiple tests

## 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: 57.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.20 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 600.00 ppm			
Filter Cake: 2.00 inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
186.00	HOCWM 30%o 10%w 60%m	2.609
62.00	HOCM 30%o 70%m	0.870
52.00	Clean Oil 5%g 95%o	0.729

Total Length: 300.00 ft Total Volume: 4.208 bbl  
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:  
 Laboratory Name: Laboratory Location:  
 Recovery Comments: Sampler- 92PSI 500ml Oil 1500ml Mud  
 36 Gravity Oil @ 60F

