



**WELL COMPLETION FORM**  
**WELL HISTORY - DESCRIPTION OF WELL & LEASE**

OPERATOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Wellsite Geologist: \_\_\_\_\_

Purchaser: \_\_\_\_\_

Designate Type of Completion:

- New Well       Re-Entry       Workover
- Oil       WSW       SWD       SIOW
- Gas       D&A       ENHR       SIGW
- OG       GSW       Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic       Other (Core, Expl., etc.): \_\_\_\_\_

If Workover/Re-entry: Old Well Info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

- Deepening       Re-perf.       Conv. to ENHR       Conv. to SWD
- Conv. to GSW
- Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_
- Commingled      Permit #: \_\_\_\_\_
- Dual Completion      Permit #: \_\_\_\_\_
- SWD      Permit #: \_\_\_\_\_
- ENHR      Permit #: \_\_\_\_\_
- GSW      Permit #: \_\_\_\_\_

Spud Date or Recompletion Date      Date Reached TD      Completion Date or Recompletion Date

API No. 15 - \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_- Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

\_\_\_\_\_ Feet from  North /  South Line of Section

\_\_\_\_\_ Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE       NW       SE       SW

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from: \_\_\_\_\_

feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

**Drilling Fluid Management Plan**

(Data must be collected from the Reserve Pit)

Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: \_\_\_\_\_

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

**AFFIDAVIT**

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

**KCC Office Use ONLY**

- Letter of Confidentiality Received  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_



Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
---	---

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD:      Size: \_\_\_\_\_ Set At: \_\_\_\_\_ Packer At: \_\_\_\_\_ Liner Run:  Yes  No

Date of First, Resumed Production, SWD or ENHR. \_\_\_\_\_ Producing Method:  Flowing  Pumping  Gas Lift  Other *(Explain)* \_\_\_\_\_

Estimated Production Per 24 Hours	Oil Bbbs.	Gas Mcf	Water Bbbs.	Gas-Oil Ratio	Gravity
-----------------------------------	-----------	---------	-------------	---------------	---------

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
---	--	--

# ALLIED OIL & GAS SERVICES, LLC 056312

Federal Tax I.D.# 20-5975804

DEBIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:  
Dakley, KS

DATE <u>8-31-12</u>	SEC. <u>12</u>	TWP. <u>2</u>	RANGE <u>30</u>	CALLED OUT	ON LOCATION <u>7:00p</u>	JOB START <u>8:00pm</u>	JOB FINISH <u>8:30pm</u>
EASE <u>Kyle</u>	WELL # <u>1-12</u>	LOCATION <u>Oberlin SW, 1/2N</u>	COUNTY <u>Rauvin</u>	STATE <u>Ks</u>			
OLD OR NEW (Circle one)	<u>Winto</u>				<u>1.01</u>	<u>8.05</u>	

CONTRACTOR Ww #4

TYPE OF JOB Surface

COLE SIZE 12 1/4 T.D. 260'

ASING SIZE 8 1/2 DEPTH 25988'

UBING SIZE DEPTH

IRILL PIPE DEPTH

COL DEPTH

RES. MAX MINIMUM

FEAS. LINE SHOE JOINT

EMENT LEFT IN CSO. 15'

ERFS.

ISPLACEMENT 15.57

OWNER same

CEMENT AMOUNT ORDERED 175 sks can 3% cc

270 gal

COMMON	<u>1.75 sk</u>	@	<u>16.25</u>	<u>2843.75</u>
POZMIX		@		
GEL	<u>3 sks</u>	@	<u>21.25</u>	<u>63.75</u>
CHLORIDE	<u>60 sk</u>	@	<u>50.20</u>	<u>3012.20</u>
ASC		@		

EQUIPMENT

UMP TRUCK CEMENTER LaRue Wentz

423/281 HELPER Tyler Flipse

ULK TRUCK

347 DRIVER D.J. Gray

ULK TRUCK DRIVER

HANDLING	<u>187.24443</u>	@	<u>2.10</u>	<u>3929.40</u>
MILEAGE	<u>2.6440</u>	@	<u>70x2.75</u>	<u>1426.25</u>
	<u>604.80</u>			
TOTAL				<u>5075.58</u>

REMARKS:  
Mix 175 sks cement  
Displace with water  
Cement did circulate

SERVICE

DEPTH OF JOB 25988'

PUMP TRUCK CHARGE 1122.00

EXTRA FOOTAGE @

MILEAGE 70 @ 2.00 140.00

MANIFOLD @

L. O. M. Plog 40 @ 4.00 280.00

CHARGE TO Challa productions

STREET

CITY STATE ZIP

TOTAL 1895.00

PLUG & FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	

I, Maia K. Heagerty, of Allied Oil & Gas Services, LLC, do hereby request to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

TOTAL

SALES TAX (If Any) 262.16

TOTAL CHARGES 6970.38

PRINTED NAME Maia K Heagerty

DISCOUNT 20 1394.07 IF PAID IN 30 DAYS

SIGNATURE Maia K Heagerty

# ALLIED OIL & GAS SERVICES, LLC 058764

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 93999  
SOUTHLAKE, TEXAS 76092

SERVICE POINT: Dakley

DATE <u>9/11/12</u>	SEC. <u>12</u>	TWP. <u>2</u>	RANGE <u>30</u>	CALLED OUT	ON LOCATION	JOB START <u>7:00 AM</u>	JOB FINISH <u>9:00 PM</u>
LEASE <u>Kyter</u>	WELL.# <u>1-12</u>	LOCATION <u>Oberlin 5W 4 1/2 N Wap/W/W</u>				COUNTY <u>De Witt</u>	STATE <u>KS</u>
OLD OR NEW (Circle one)							

CONTRACTOR <u>W/W 4</u>	OWNER <u>Same</u>
TYPE OF JOB <u>Production 2 Stage</u>	
HOLE SIZE <u>7 1/2</u>	T.D.
CASING SIZE <u>5 1/2</u>	DEPTH
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL <u>Dr</u>	DEPTH <u>2538</u>
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT <u>27</u>
CEMENT LEFT IN CSG. <u>27</u>	
PERFS.	
DISPLACEMENT	

CEMENT	AMOUNT ORDERED <u>125 ASC 1000 SALT 200 gal</u>
	<u>50 gal water</u>
	<u>375.5 lb Alum 44 FLO Seal.</u>

EQUIPMENT	
PUMP TRUCK	CEMENTER <u>Alan 1</u>
# <u>402</u>	HELPER <u>Wayne 2</u>
BULK TRUCK	
# <u>404</u>	DRIVER <u>Chris 3</u>
BULK TRUCK	
# <u>396</u>	DRIVER <u>Omar 1005</u>

COMMON	<u>375 ALW</u>	@ <u>15.95</u>	<u>5981.25</u>
POZ MIX		@	
GEL	<u>2</u>	@ <u>23.00</u>	<u>46.00</u>
CHLORIDE		@	
ASC	<u>125 gals</u>	@ <u>20.20</u>	<u>2612.50</u>
		@	
Flo Seal	<u>93</u>	@ <u>2.97</u>	<u>276.21</u>
		@	
Salt	<u>12</u>	@ <u>26.25</u>	<u>316.20</u>
		@	
WFO	<u>2 - 12 bbl</u>	@ <u>58.20</u>	<u>704.40</u>
		@	
HANDLING	<u>571.00 CE</u>	@ <u>2.48</u>	<u>1416.12</u>
MILEAGE	<u>24.395 mi</u>	@ <u>18.00</u>	<u>439.11</u>
			<b>TOTAL <u>15,793.38</u></b>

REMARKS:

Dakley Cement, 1000 SALT, 200 gal, 50 gal water, 375.5 lb Alum, 44 FLO Seal, 93 Flo Seal, 12 Salt, 2 WFO, 571.00 CE, 24.395 mi  
Plug @ 1900 P.S.T. Cement @ 1900 P.S.T. Cement  
2 hrs. Max 30 min. Shut Hole. No 3455 lb Alum 5 1/2  
Washing. Airline Plug to 200 w/ 200 P.S.T. WFO.  
W/ 50 lb Alum 50 lb Alum Plug @ 1900 P.S.T.

Tool bit close      Franklin  
Cement bit. Circulate      Wayne Chris Liza vehicle  
Omar

SERVICE

DEPTH OF JOB	<u>4003'</u>	
PUMP TRUCK CHARGE		<u>2765.75</u>
EXTRA FOOTAGE	@	
MILEAGE	<u>70</u>	@ <u>5.20</u> <u>539.00</u>
MANIFOLD @ Head	@ <u>255.00</u>	<u>255.00</u>
Manifold @ Vehicle	@ <u>592</u>	<u>308.00</u>
Top Stage	@	<u>2406.25</u>

CHARGE TO Cholla Productions  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

TOTAL 6294.00

PLUG & FLOAT EQUIPMENT

<u>Dr</u>	1 @	<u>5335.00</u>
<u>Letchdown Assembly</u>	1 @	<u>324.25</u>
<u>Cementers</u>	5 @ <u>57.22</u>	<u>286.10</u>
<u>Drillers</u>	2 @ <u>394.29</u>	<u>788.58</u>
<u>PPH Float shoe</u>	@	<u>408.33</u>

TOTAL 7,142.65

To: Allied Oil & Gas Services, LLC.  
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

SALES TAX (If Any)	<u>1246.84</u>
TOTAL CHARGES	<u>29,230.03</u>
DISCOUNT	<u>6722.90</u> IF PAID IN 30 DAYS

PRINTED NAME John Mondero  
 SIGNATURE John Mondero

2370



**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: 46189      **DST#: 1**  
Test Start: 2012.09.07 @ 06:00:00

## GENERAL INFORMATION:

Formation: **LKC-A**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 07:57:00  
Time Test Ended: 13:12:00  
Interval: **3720.00 ft (KB) To 3785.00 ft (KB) (TVD)**  
Total Depth: 3785.00 ft (KB) (TVD)  
Hole Diameter: 7.80 inches Hole Condition: Good  
Test Type: Conventional Straddle (Initial)  
Tester: Chuck Kreuzer Jr.  
Unit No: 61  
Reference Elevations: 2783.00 ft (KB)  
2778.00 ft (CF)  
KB to GR/CF: 5.00 ft

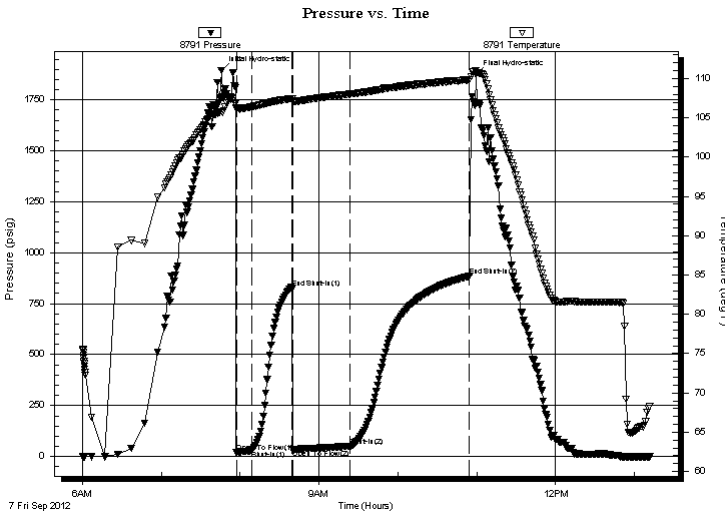
## Serial #: 8791

Inside

Press @ Run Depth: 50.22 psig @ 3722.00 ft (KB) Capacity: 8000.00 psig  
Start Date: 2012.09.07 End Date: 2012.09.07 Last Calib.: 2012.09.07  
Start Time: 06:00:05 End Time: 13:11:59 Time On Btm: 2012.09.07 @ 07:45:30  
Time Off Btm: 2012.09.07 @ 10:59:30

**TEST COMMENT:** IF: Weak blow , Built to surface over 10 mins.  
IS: No blow back over 30 mins.  
FF: Weak blow , Built to 3 in. over 45 mins.  
FS: No blow back over 90 mins.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1894.32	105.80	Initial Hydro-static
12	18.73	106.30	Open To Flow (1)
23	28.66	106.42	Shut-In(1)
54	824.49	107.44	End Shut-In(1)
55	34.78	107.19	Open To Flow (2)
98	50.22	108.03	Shut-In(2)
189	885.20	109.91	End Shut-In(2)
194	1875.11	111.05	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
64.00	OCM-25%o75%m	0.90
0.00	Sampler- 45 psi. 2000 ml. oil	0.00

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Cholla Production

**12 2s 30w Decatur Ks.**

7851 S. ELATI St. Ste 201 Littleton Co 80120

**Kyte #1-12**

Job Ticket: 46189

**DST#: 1**

ATTN: Cholla Production,L

Test Start: 2012.09.07 @ 06:00:00

## 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: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.80 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 500.00 ppm

Filter Cake: 2.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
64.00	OCM-25%o75%m	0.898
0.00	Sampler- 45 psi. 2000 ml. oil	0.000

Total Length: 64.00 ft      Total Volume: 0.898 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

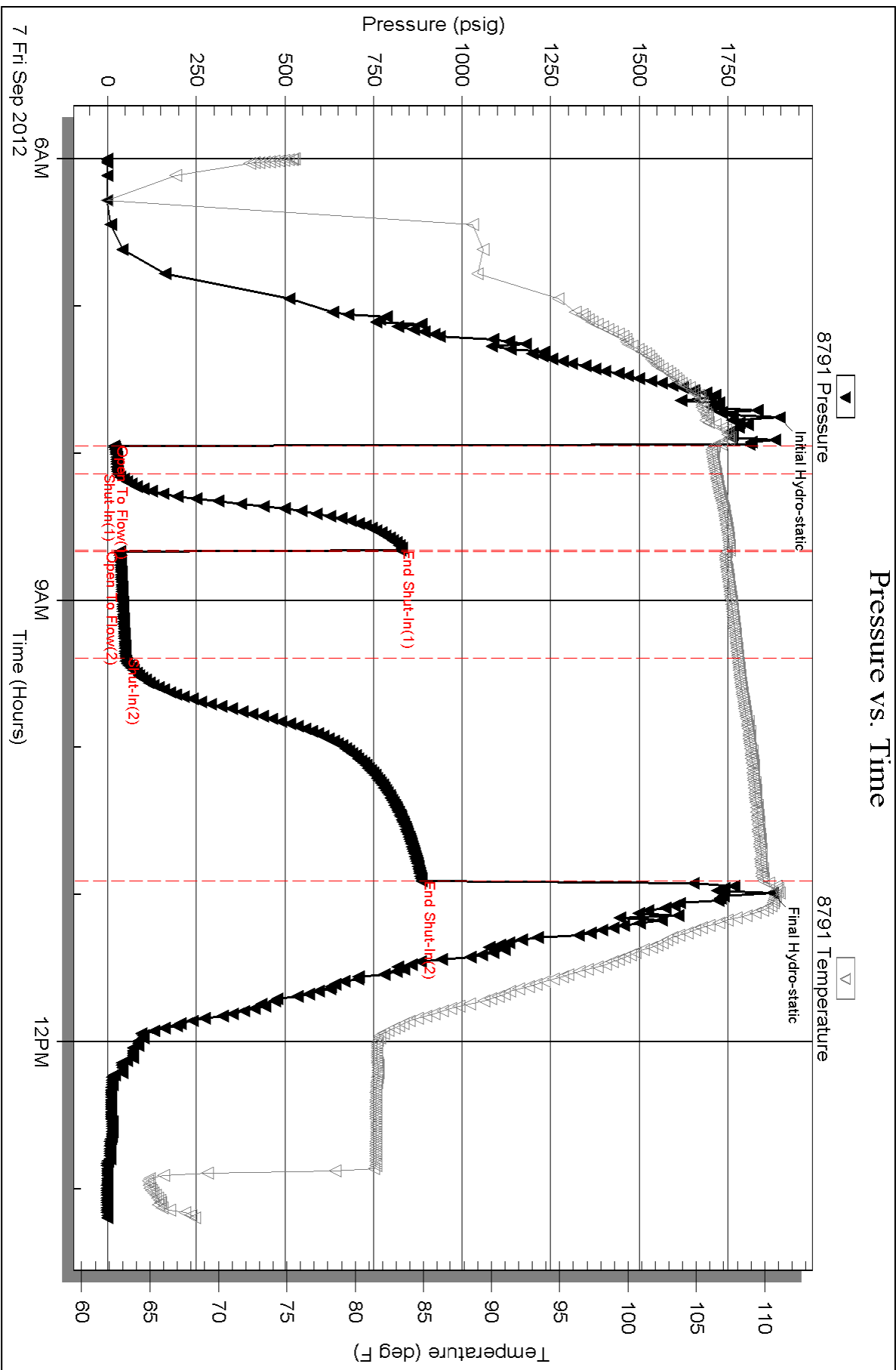
Serial #: 8791

Inside

Cholla Production

Kyle #1-12

DST Test Number: 1





**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

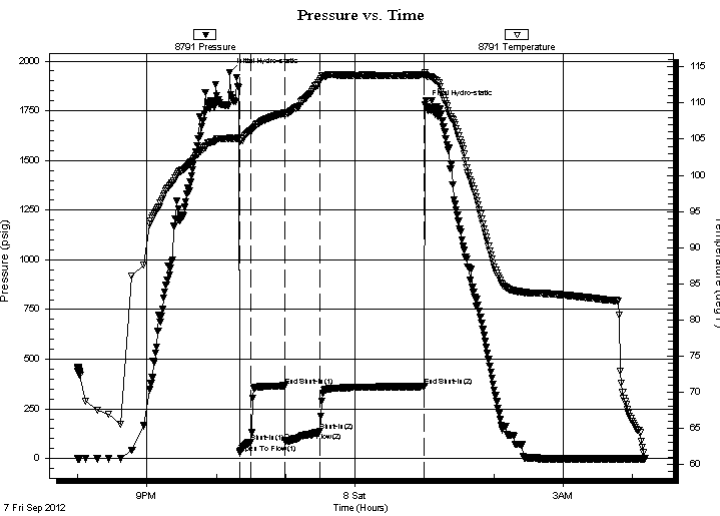
## GENERAL INFORMATION:

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





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Cholla Production

**12 2s 30w Decatur Ks.**

7851 S. ELATI St. Ste 201 Littleton Co 80120

**Kyte #1-12**

Job Ticket: 46190

**DST#: 2**

ATTN: Cholla Production,L

Test Start: 2012.09.07 @ 20:00:00

## 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: 57.00 sec/qt

Cushion Volume:

bbbl

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 bbbl
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

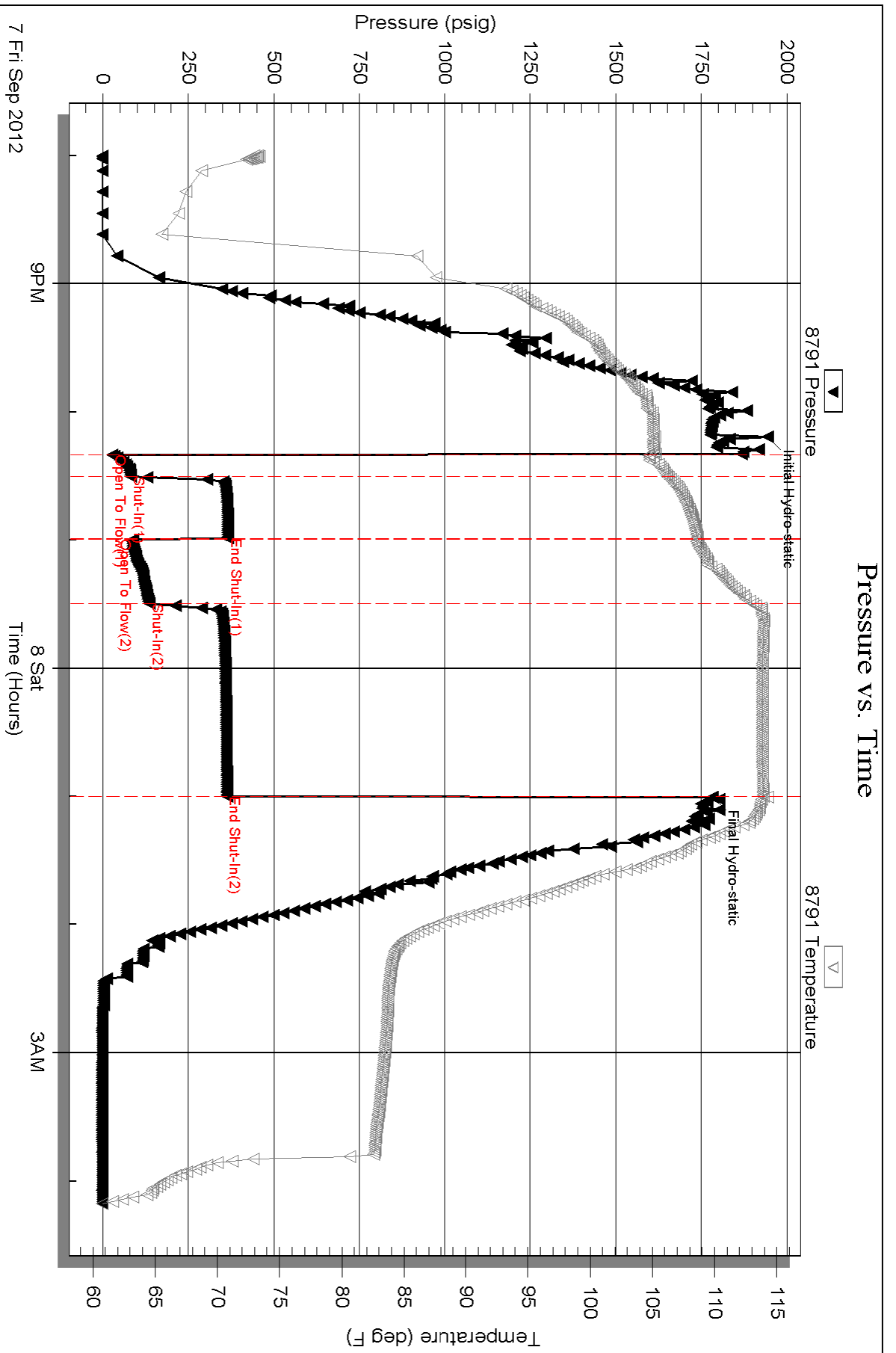
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Sampler- 92PSI 500ml Oil 1500ml Mud  
36 Gravity Oil @ 60F





**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: 46191      **DST#: 3**  
Test Start: 2012.09.08 @ 18:23:00

## GENERAL INFORMATION:

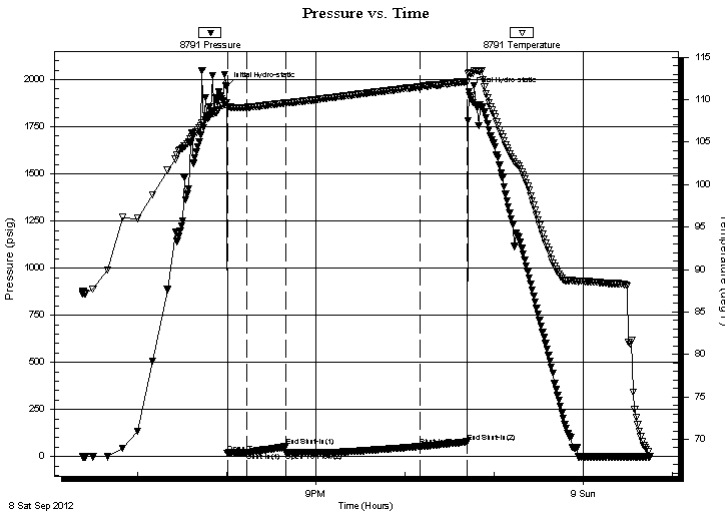
Formation: **Lansing KC J Zone**  
Deviated: No Whipstock:      ft (KB)  
Time Tool Opened: 20:00:30  
Time Test Ended: 00:45:00  
Interval: **3899.00 ft (KB) To 3944.00 ft (KB) (TVD)**  
Total Depth: 3944.00 ft (KB) (TVD)  
Hole Diameter: 7.80 inches Hole Condition: Fair  
Test Type: Conventional Bottom Hole (Reset)  
Tester: Troy Leiker  
Unit No: 61  
Reference Elevations: 2783.00 ft (KB)  
2778.00 ft (CF)  
KB to GR/CF: 5.00 ft

## Serial #: 8791

Press @ Run Depth: 53.87 psig @      ft (KB)      Capacity: 8000.00 psig  
Start Date: 2012.09.08      End Date: 2012.09.09      Last Calib.: 1899.12.30  
Start Time: 18:23:05      End Time: 00:44:59      Time On Btm: 2012.09.08 @ 20:00:00  
Time Off Btm: 2012.09.08 @ 22:43:00

TEST COMMENT: IF10 Very Weak Blow , Died in 5 min.  
IS 30 No Blow Back  
FF 30 Very Weak Blow , Died in 30sec.  
FS 90 No Blow Back

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1962.47	109.70	Initial Hydro-static
1	18.97	109.05	Open To Flow (1)
14	21.62	109.10	Shut-In(1)
40	52.82	109.61	End Shut-In(1)
40	20.26	109.61	Open To Flow (2)
130	53.87	111.49	Shut-In(2)
162	77.83	112.07	End Shut-In(2)
163	1935.28	113.16	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
3.00	Mud 100% <sub>m</sub>	0.04
0.00	Sampler 46psi 2,000ml mud	0.00

\* Recovery from multiple tests

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Cholla Production

**12 2s 30w Decatur Ks.**

7851 S. ELATI St. Ste 201 Littleton Co 80120

**Kyte #1-12**

Job Ticket: 46191

**DST#: 3**

ATTN: Cholla Production,L

Test Start: 2012.09.08 @ 18:23:00

## 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: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.40 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1200.00 ppm

Filter Cake: 2.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
3.00	Mud 100%m	0.042
0.00	Sampler 46psi 2,000ml mud	0.000

Total Length: 3.00 ft      Total Volume: 0.042 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

