



**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: \_\_\_\_\_



1126916

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
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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 Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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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> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	C G Oil, LLC
Well Name	BIM Lease 1
Doc ID	1126916

All Electric Logs Run

Dual Induction log
Dual Compensated Porosity log
Microresistivity log
Sonic Cement Bond Log

# QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025  
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 6055

Date 1-5-13 Sec. 20 Twp. 16 Range 13 County Barton State Ks On Location \_\_\_\_\_ Finish 10:15 AM

Lease B.I.M. Well No. 1 Location Susank, Ks - 1/4 W, N1 Into

Contractor Discovery #2 Owner To Quality Oilwell Cementing, Inc.  
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.

Type Job Surface Charge To C.G. oil LLC

Hole Size 12 1/4" T.D. 924' Csg. 8 5/8" Depth 924' Street \_\_\_\_\_

Tbg. Size \_\_\_\_\_ Depth \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_

Tool \_\_\_\_\_ Depth \_\_\_\_\_ The above was done to satisfaction and supervision of owner agent or contractor.

Cement Left In Csg. 30.97' Shoe Joint 30.97' Cement Amount Ordered 275 5/8 Common 3% CC

Meas Line \_\_\_\_\_ Displace 56 3/4 BLS 2 1/2 gal 375 225 150

**EQUIPMENT** Common \_\_\_\_\_ Poz. Mix \_\_\_\_\_ Gel. 7 Calcium 14

Pumptrk 16 No. \_\_\_\_\_ Cementer Travis Driver \_\_\_\_\_

Bulktrk 4 No. \_\_\_\_\_ Driver Lonnie W. Driver \_\_\_\_\_

Bulktrk p.u. No. \_\_\_\_\_ Driver Rick Driver \_\_\_\_\_

**JOB SERVICES & REMARKS** Remarks: Cement did Circulate. Hulls \_\_\_\_\_

Rat Hole \_\_\_\_\_ Salt \_\_\_\_\_

Mouse Hole \_\_\_\_\_ Flowseal \_\_\_\_\_

Centralizers \_\_\_\_\_ Kol-Seal \_\_\_\_\_

Baskets \_\_\_\_\_ Mud CLR 48 \_\_\_\_\_

D/V or Port Collar \_\_\_\_\_ CFL-117 or CD110 CAF 38 \_\_\_\_\_

Handling 397 396 Mileage \_\_\_\_\_

**FLOAT EQUIPMENT** Guide Shoe \_\_\_\_\_

Centralizer \_\_\_\_\_

Baskets \_\_\_\_\_

AFU Inserts \_\_\_\_\_

Float Shoe \_\_\_\_\_

Latch Down \_\_\_\_\_

1 - Baffle plate  
1 - Rubber plug  
Pumptrk Charge Long Surface

Mileage 21 Tax \_\_\_\_\_ Discount \_\_\_\_\_ Total Charge \_\_\_\_\_

X Signature \_\_\_\_\_





**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

CG Oil Co  
 PO Box 207  
 Victoria KS 67671  
 ATTN: Steve Buskirk

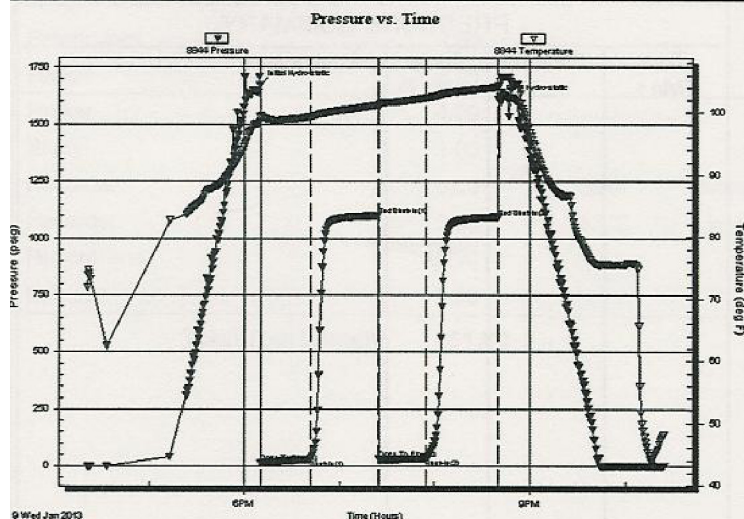
**20-16s-13w Barton, KS**  
**BIM Lease #1**  
 Job Ticket: 51573      **DST#: 2**  
 Test Start: 2013.01.09 @ 16:21:00

## GENERAL INFORMATION:

Formation: **Arbuckle**  
 Deviated: No Whipstock: ft (KB)  
 Test Type: Conventional Bottom Hole (Reset)  
 Time Tool Opened: 18:10:00 Tester: Cody Bloedorn  
 Time Test Ended: 22:24:20 Unit No: 39  
 Interval: **3398.00 ft (KB) To 3421.00 ft (KB) (TVD)** Reference Elevations: 1971.00 ft (KB)  
 Total Depth: 3421.00 ft (KB) (TVD) 1966.00 ft (CF)  
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 5.00 ft

**Serial #: 8844**      **Outside**  
 Press@RunDepth: 33.24 psig @ 3399.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2013.01.09 End Date: 2013.01.09 Last Calib.: 2013.01.09  
 Start Time: 16:21:05 End Time: 22:24:20 Time On Btm: 2013.01.09 @ 18:09:50  
 Time Off Btm: 2013.01.09 @ 20:40:30

TEST COMMENT: 30 - IF- 2" Blow .  
 45 - IS- No blow back.  
 30 - FF- 3/4" Blow .  
 45 - FS- No blow back.



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1671.71	99.40	Initial Hydro-static
1	12.79	98.77	Open To Flow (1)
32	27.44	99.35	Shut-In(1)
75	1099.07	101.20	End Shut-In(1)
75	31.53	100.67	Open To Flow (2)
105	33.24	102.38	Shut-In(2)
151	1093.61	104.12	End Shut-In(2)
151	1609.00	104.40	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
15.00	SOCM, 10%O, 90%M	0.07
30.00	MO, 10%M, 90%O	0.28

\* Recovery from multiple tests

## Gas Rates

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





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

CG Oil Co  
PO Box 207  
Victoria KS 67671  
ATTN: Steve Buskirk

20-16s-13w Barton, KS

**BIM Lease #1**

Job Ticket: 51572

**DST#: 1**

Test Start: 2013.01.08 @ 23:09:00

## GENERAL INFORMATION:

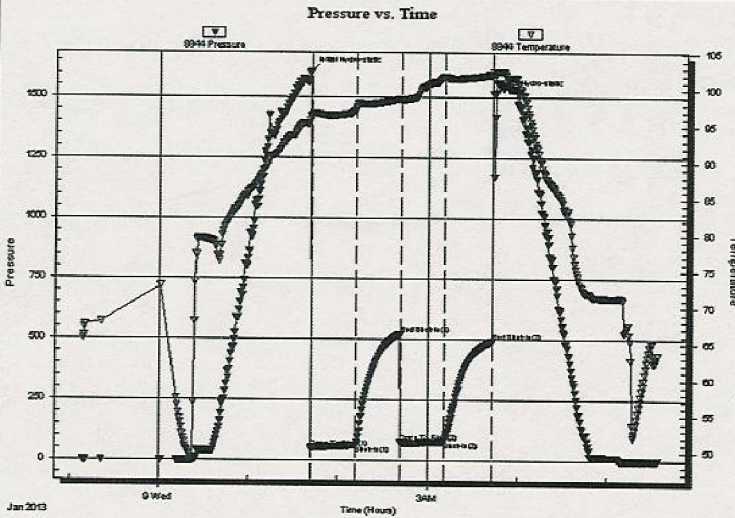
Formation: **LKC**  
 Deviated: No Whipstock: ft (KB)  
 Test Type: Conventional Bottom Hole (Initial)  
 Time Tool Opened: 01:42:00  
 Tester: Cody Bloedorn  
 Time Test Ended: 05:34:09  
 Unit No: 39  
 Interval: **3209.00 ft (KB) To 3300.00 ft (KB) (TVD)**  
 Reference Elevations: 1971.00 ft (KB)  
 Total Depth: 3300.00 ft (KB) (TVD)  
 1966.00 ft (CF)  
 Hole Diameter: 7.88 inches  
 Hole Condition: Fair  
 KB to GR/CF: 5.00 ft

## Serial #: 8844

Outside

Press@RunDepth: 78.41 psig @ 3276.00 ft (KB)  
 Capacity: 8000.00 psig  
 Start Date: 2013.01.08  
 End Date: 2013.01.09  
 Last Calib.: 2013.01.09  
 Start Time: 23:09:05  
 End Time: 05:34:10  
 Time On Btm: 2013.01.09 @ 01:41:40  
 Time Off Btm: 2013.01.09 @ 03:43:30

TEST COMMENT: 30 - IF- 2 1/4" blow.  
 30 - IS- No blow back.  
 30 - FF- 1/2" blow.  
 30 - FSI- No blow back.



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1606.84	96.46	Initial Hydro-static
1	51.30	96.21	Open To Flow (1)
31	64.66	97.69	Shut-In(1)
61	522.63	98.79	End Shut-In(1)
61	77.01	98.54	Open To Flow (2)
90	78.41	101.89	Shut-In(2)
122	490.69	102.11	End Shut-In(2)
122	1513.75	102.50	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
45.00	Mud with show of oil, 100%M	0.35

## Gas Rates

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