



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1077122  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
August 2013

Form must be Typed  
Form must be Signed  
All blanks must be Filled

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
- Plug Back       Conv. to GSW       Conv. to Producer
- Commingled      Permit #: \_\_\_\_\_
- Dual Completion      Permit #: \_\_\_\_\_
- SWD      Permit #: \_\_\_\_\_
- ENHR      Permit #: \_\_\_\_\_
- GSW      Permit #: \_\_\_\_\_

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

GPS Location: Lat: \_\_\_\_\_, Long: \_\_\_\_\_  
(e.g. xx.xxxxx)      (e.g. -xxx.xxxxx)

Datum:  NAD27       NAD83       WGS84

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

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

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

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

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

Total Vertical 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

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

1077122

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

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

**INSTRUCTIONS:** Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

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

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
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?  Yes  No *(If No, fill out Page Three of the ACO-1)*

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

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <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> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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Conservation Division  
Finney State Office Building  
130 S. Market, Rm. 2078  
Wichita, KS 67202-3802



Phone: 316-337-6200  
Fax: 316-337-6211  
<http://kcc.ks.gov/>

Mark Sievers, Chairman  
Ward Loyd, Commissioner  
Thomas E. Wright, Commissioner

Sam Brownback, Governor

May 21, 2012

Allen Baqngert  
Mai Oil Operations, Inc.  
8411 PRESTON RD STE 800  
DALLAS, TX 75225-5520

Re: ACO1  
API 15-165-21957-00-00  
Younger 1  
NE/4 Sec.11-16S-17W  
Rush County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,  
Allen Baqngert

**JAMES C. MUSGROVE**

Petroleum Geologist  
212 Main Street  
P.O. Box 215  
Claflin, KS 67525

Office (620) 588-4250

Res. Claflin (620) 587-3444

Mai Oil Operations Inc.  
Younger #1  
330' FNL & 1250' FEL (W/2-NW-NE-NE)  
Section 11-16s-17w  
Rush County, Kansas  
Page 1

**Dry and Abandoned**

**Contractor:** Southwind Drilling Co. (Rig #3)  
**Commenced:** February 6, 2012  
**Completed:** February 13, 2012  
**Elevation:** 1938' K.B; 1932' D.F; 1930' G.L.  
**Casing program:** Surface; 8 5/8" @ 1070'  
Production; none  
**Sample:** Samples saved and examined 2900' to the Rotary Total Depth.  
**Drilling time:** One (1) foot drilling time recorded and kept 2900 ft to the Rotary Total Depth.  
**Measurements:** All depths measured from the Kelly Bushing.  
**Drill Stem Tests:** There were three (3) Drill Stem Tests ran by Trilobite Testing.  
**Electric Log:** By Superior Well Services; Dual Induction, Compensated Density/Neuron Log and Micro Log.

<u>Formation</u>	<u>Log Depth</u>	<u>Sub-Sea Datum</u>
Anhydrite	1069	+869
Base Anhydrite	1102	+836
Topeka	2953	-1015
Heebner	3180	-1170
Toronto	3198	-1260
Lansing	3234	-1296
Base Kansas City	3457	-1519
Arbuckle	3530	-1592
Rotary Total Depth	3600	-1662
Log Total Depth	3599	-1661

(All tops and zones corrected to Electric Log measurements).

**SAMPLE ANALYSIS, SHOWS OF OIL, TESTING DATA, ETC.**

**TOPEKA SECTION**

3124-3140' Limestone; cream, tan, finely crystalline, slightly dolomitic, poor porosity, trace dead stain, no show of free oil and no odor.

**TORONTO SECTION**

3198-3208' Limestone; white, cream and tan, finely crystalline, poor visible porosity, few fossiliferous, chalky, no shows.

**LANSING SECTION**

3234-3244' Limestone; cream, tan, finely crystalline, poorly developed porosity, few sucrosic, golden brown stain, no free oil and no odor in fresh samples.

3257-3264' Limestone; cream, tan, gray, oolitic, poor to fair porosity, scattered vuggy porosity, golden brown stain, trace of free oil and faint odor in fresh samples.

**Drill Stem Test #1 3215-3270'**

**Times: 30-30-45-60**

**Blow: Strong**

**Recovery: 372' muddy water  
31' mud**

**Pressures: ISIP 697 psi  
FSIP 693 psi  
IFP 34-119 psi  
FFP 124-225 psi  
HSH 1560-1543 psi**

3280-3290' Limestone; cream, oolitic, fair to good porosity, golden brown stain, fair show of free oil and no odor in fresh samples.

3300-3306' Limestone; cream, tan, finely crystalline, few oolitic, chalky, poor visible porosity, spotty brown stain, poor show of free oil and no odor.

3322-3332' Limestone; cream, tan, finely crystalline, oolitic, oomoldic, chalky, fair porosity, brown stain, show of free oil, faint odor in fresh samples.

**Drill Stem Test #2 3296-3334'**

**Times: 30-30-45-60**

**Blow: Weak**

**Recovery: 93' very slightly oil cut mud  
(5% oil, 95% mud)**

**Pressures: ISIP 720 psi  
FSIP 727 psi  
IFP 29-62 psi  
FFP 35-86 psi  
HSH 1616-1592 psi**

3348-3358' Limestone; cream, tan, oolitic, poor visible porosity, no shows.

3394-3401' Limestone; cream, tan, finely crystalline, poor visible porosity, spotty brown stain, no free oil and faint odor in fresh samples.

3424-3430' Limestone; cream, tan, finely crystalline, poor visible porosity, cherty, plus tan chert.

3410-3430' Limestone; cream, gray, finely crystalline, poor intercrystalline and vuggy porosity, trace stain, no free oil and faint odor in fresh samples.

3440-3450' Limestone; cream, tan, chalky, dense, no shows.

### ARBUCKLE SECTION

3529-3540' Dolomite; cream, tan, fine and medium crystalline, poor to good intercrystalline porosity, light brown stain, no free oil and faint odor in fresh samples.

3540-3546' Dolomite; cream, gray, fine and medium crystalline, fair to good intercrystalline porosity, scattered vuggy porosity, light brown and golden brown stain, show of free oil and good odor in fresh samples.

#### Drill Stem Test #3 3538-3547'

Times: 30-30-45-60

Blow: Strong

Recovery: 2390' muddy water

Pressures: ISIP 1163 psi  
FSIP 1175 psi  
IFP 49-467 psi  
FFP 594-1076 psi  
HSH 1748-1682 psi

3546-3556' Dolomite; cream, tan, fine and medium crystalline, fair intercrystalline porosity, light brown stain, no free oil and fair odor in fresh samples.

3556-3570' Dolomite; white, cream, finely crystalline, few medium crystalline, fair intercrystalline porosity, trace stain, no free oil and faint odor in fresh samples.

3570-3590' Dolomite; white, cream, fine and medium crystalline, fair intercrystalline porosity, fair vuggy porosity, trace stain, no free oil and faint odor in fresh samples.

3590-3600' Dolomite; tan, gray, finely crystalline, poor visible porosity, questionable stain, no free oil and no odor in fresh samples.

Rotary Total Depth 3600  
Log Total Depth 3599

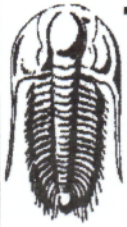
#### Recommendations:

The Younger #1 was plugged and abandoned at the Rotary Total Depth 3600.

Respectfully submitted;



Kurt Talbott,  
Petroleum Geologist



**TRILOBITE TESTING, INC.**

**DRILL STEM TEST REPORT**

Mai Oil Operations  
 8411 Preston RD. Ste 800  
 Dallas TX, 75225 + 5520  
 ATTN: Kurt Tabott

**11-16s-17w Rush**  
**Younger #1**  
 Job Ticket: 46280      **DST#: 1**  
 Test Start: 2012.02.10 @ 22:35:00

**GENERAL INFORMATION:**

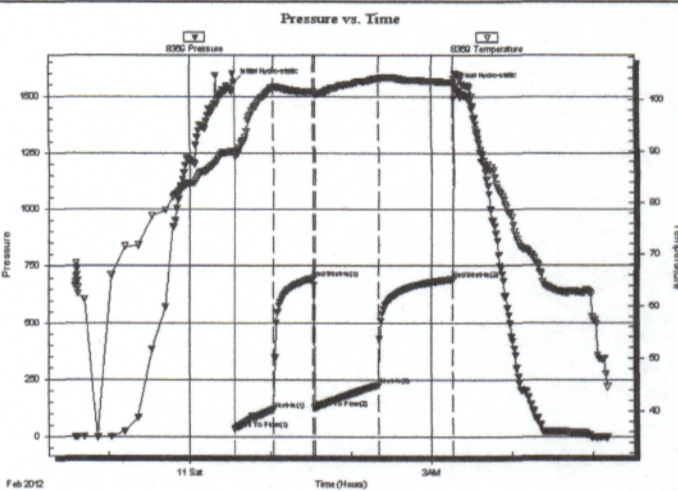
Formation: **LKC "A-B"**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 00:34:00  
 Time Test Ended: 05:11:00  
 Interval: **3215.00 ft (KB) To 3270.00 ft (KB) (TVD)**  
 Total Depth: 3270.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: Cody / Mr. Jim  
 Unit No: 59  
 Reference Elevations: 1937.00 ft (KB)  
 1929.00 ft (CF)  
 KB to GR/CF: 8.00 ft

**Serial #: 8369**

Inside

Press@RunDepth: 225.33 psig @ 3252.00 ft (KB)  
 Start Date: 2012.02.10 End Date: 2012.02.11  
 Start Time: 22:35:05 End Time: 05:10:59  
 Capacity: 8000.00 psig  
 Last Calb.: 2012.02.11  
 Time On Btm: 2012.02.11 @ 00:33:30  
 Time Off Btm: 2012.02.11 @ 03:17:00

**TEST COMMENT:** 30 - IF- B.O.B in 9 1/2 Min.  
 30 - IS- No blow back  
 45 - FF- B.O.B. in 11 Min.  
 60 - FS- No blow back



**PRESSURE SUMMARY**

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1560.94	89.86	Initial Hydro-static
1	34.74	89.02	Open To Flow (1)
29	119.09	102.13	Shut-In(1)
59	697.27	101.39	End Shut-In(1)
60	124.37	100.93	Open To Flow (2)
107	225.33	103.98	Shut-In(2)
163	693.35	103.16	End Shut-In(2)
164	1543.65	104.87	Final Hydro-static

**Recovery**

Length (ft)	Description	Volume (bbl)
186.00	mw 5%m 95%w	2.61
186.00	mw 40%m 60%w	2.61
31.00	mud,100%	0.43

**Gas Rates**

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



**TRIOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Mai Oil Operations  
8411 Preston RD. Ste 800  
Dallas TX, 75225 + 5520  
ATTN: Kurt Tabott

**11-16s-17w Rush**  
**Younger #1**  
Job Ticket: 46281      **DST#: 2**  
Test Start: 2012.02.11 @ 03:36:00

### GENERAL INFORMATION:

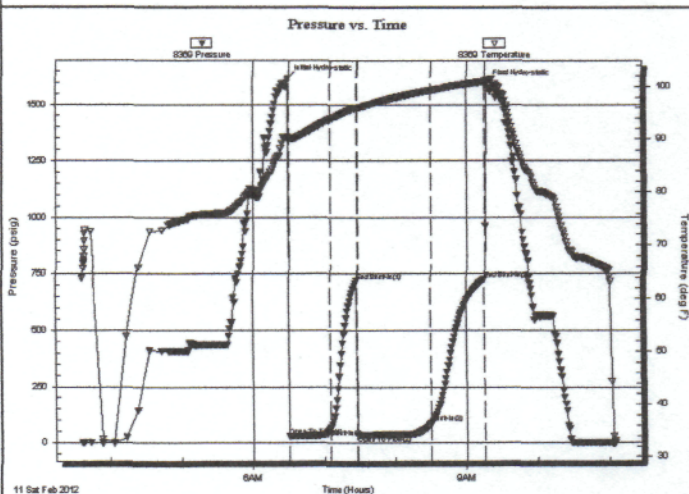
Formation: **KC "E,F,G"**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 06:30:00  
Time Test Ended: 11:05:00  
Interval: **3296.00 ft (KB) To 3334.00 ft (KB) (TVD)**  
Total Depth: 3334.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Fair  
Test Type: Conventional Bottom Hole (Reset)  
Tester: Cody / Mr. Jim  
Unit No: 59  
Reference Elevations: 1937.00 ft (KB)  
1929.00 ft (CF)  
KB to GR/CF: 8.00 ft

### Serial #: 8369

Inside

Press@RunDepth: 86.76 psig @ 3331.00 ft (KB)  
Start Date: 2012.02.11      End Date: 2012.02.11  
Start Time: 03:36:05      End Time: 11:04:59  
Capacity: 8000.00 psig  
Last Calib.: 2012.02.11  
Time On Btm: 2012.02.11 @ 06:29:30  
Time Off Btm: 2012.02.11 @ 09:16:30

TEST COMMENT: 30 - IF-1.5in blow in 10min dying in 22min  
30 - IS- NO BLOW  
45 - FF- Surface blow . Died in 20 Min.  
FSI- No blow back.



### PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1616.12	90.33	Initial Hydro-static
1	29.53	90.00	Open To Flow (1)
36	62.76	93.72	Shut-In(1)
58	720.15	96.00	End Shut-In(1)
59	35.16	95.86	Open To Flow (2)
121	86.76	99.31	Shut-In(2)
166	727.21	101.02	End Shut-In(2)
167	1592.25	101.23	Final Hydro-static

### Recovery

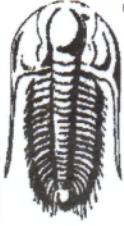
Length (ft)	Description	Volume (bbl)
93.00	VSOCM, 5%O, 95%M	1.30

\* Recovery from multiple tests

### Gas Rates

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





**TRILOBITE TESTING, INC.**

## DRILL STEM TEST REPORT

Mai Oil Operations  
 8411 Preston RD. Ste 800  
 Dallas TX, 75225 + 5520  
 ATTN: Kurt Tabott

**11-16s-17w Rush**  
**Younger #1**  
 Job Ticket: 46282      **DST#: 3**  
 Test Start: 2012.02.12 @ 20:12:00

### GENERAL INFORMATION:

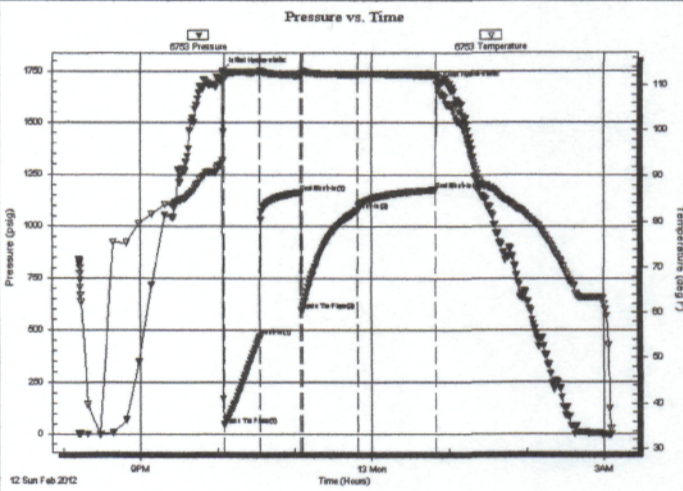
Formation: **Arbuckle**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 22:05:30  
 Time Test Ended: 03:06:00  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Cody / Mr. Jim  
 Unit No: 59  
 Interval: **3538.00 ft (KB) To 3547.00 ft (KB) (TVD)**  
 Total Depth: 3547.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Reference Elevations: 1937.00 ft (KB)  
 1929.00 ft (CF)  
 KB to GR/CF: 8.00 ft

### Serial #: 6753

Outside

Press@RunDepth: 1076.16 psig @ 3544.00 ft (KB)  
 Start Date: 2012.02.12 End Date: 2012.02.13  
 Start Time: 20:12:05 End Time: 03:05:59  
 Capacity: 8000.00 psig  
 Last Calib.: 2012.02.13  
 Time On Btmr: 2012.02.12 @ 22:04:00  
 Time Off Btmr: 2012.02.13 @ 00:50:00

TEST COMMENT: 30 - IF- B.O.B. in 1min  
 30 - IS- No Blow  
 45 - IS- B.O.B. in 30 Seconds  
 60 - FF- No blow back



### PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1748.93	93.41	Initial Hydro-static
2	49.03	111.44	Open To Flow (1)
29	467.62	112.85	Shut-In(1)
61	1163.34	112.12	End Shut-In(1)
62	594.26	112.75	Open To Flow (2)
105	1076.16	112.40	Shut-In(2)
166	1175.15	112.04	End Shut-In(2)
166	1682.04	112.34	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
2232.00	mw 2% m 98% w	31.31
158.00	w m 20% w 80% m	2.22

\* Recovery from multiple tests

### Gas Rates

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

Notice: Fill out COMPLETELY and return to Conservation Division at the address below within 60 days from plugging date.

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

WELL PLUGGING RECORD  
K.A.R. 82-3-117

Form CP-4  
March 2009  
Type or Print on this Form  
Form must be Signed  
All blanks must be Filled

OPERATOR: License #: 5259  
Name: MAIL OIL OPERATIONS, INC  
Address 1: 8411 PRESTON RD, STE 800  
Address 2: \_\_\_\_\_  
City: DALLAS State: TX Zip: 75225 + 5520  
Contact Person: ALLEN BANGERT  
Phone: (214) 219-8883  
Type of Well: (Check one)  Oil Well  Gas Well  OG  D&A  Cathodic  
 Water Supply Well  Other: \_\_\_\_\_  SWD Permit #: \_\_\_\_\_  
 ENHR Permit #: \_\_\_\_\_  Gas Storage Permit #: \_\_\_\_\_  
Is ACO-1 filed?  Yes  No If not, is well log attached?  Yes  No  
Producing Formation(s): List All (if needed attach another sheet)  
\_\_\_\_\_ Depth to Top: \_\_\_\_\_ Bottom: \_\_\_\_\_ T.D. \_\_\_\_\_  
\_\_\_\_\_ Depth to Top: \_\_\_\_\_ Bottom: \_\_\_\_\_ T.D. \_\_\_\_\_  
\_\_\_\_\_ Depth to Top: \_\_\_\_\_ Bottom: \_\_\_\_\_ T.D. \_\_\_\_\_

API No. 15 - 15-165-21957-00-00  
Spot Description: \_\_\_\_\_  
W2 NW NE NE Sec. 11 Twp. 16 S. R. 17  East  West  
330 Feet from  North /  South Line of Section  
1,250 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
County: RUSH  
Lease Name: YOUNGER Well #: 1  
Date Well Completed: 2/13/12  
The plugging proposal was approved on: 2/10/12 (Date)  
by: DANIEL BERNASCONI (KCC District Agent's Name)  
Plugging Commenced: 2/13/12  
Plugging Completed: 2/13/12

Show depth and thickness of all water, oil and gas formations.

Oil, Gas or Water Records		Casing Record (Surface, Conductor & Production)			
Formation	Content	Casing	Size	Setting Depth	Pulled Out
		SURFACE	8 5/8	1070	0

Describe in detail the manner in which the well is plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the hole. If cement or other plugs were used, state the character of same depth placed from (bottom), to (top) for each plug set.

Plugged well with 200 sacks of 60/40 Poz, 4% gel, 1/4# flo-seal, 1st plug @ 3534' with 50 sacks, 2nd plug @ 1110' with 50 sacks, 3rd plug @ 510' with 50 sacks, 4th plug @ 60' to surface with 20 sacks, 30 sacks for rat hole, by Quality (Ticket #583), plug was down @ 6:45 pm on 2/13/2012.

Plugging Contractor License #: 33350 Name: SOUTHWIND DRILLING, INC  
Address 1: 8 NORTH MAIN Address 2: PO BOX 276  
City: ELLINWOOD State: KANSAS Zip: 67526 + \_\_\_\_\_  
Phone: (620) 564-3800

Name of Party Responsible for Plugging Fees: MAIL OIL OPERATIONS INC  
State of KANSAS County, BARTON, ss.  
JILL WAHLMEIER  Employee of Operator or  Operator on above-described well,  
(Print Name)

being first duly sworn on oath, says: That I have knowledge of the facts statements, and matters herein contained, and the log of the above-described well is as filed, and the same are true and correct, so help me God.

Signature: \_\_\_\_\_

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

# 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. 579

Date	2-7-12	Sec.	11	Twp.	16	Range	17	County	Rush	State	Ks	On Location		Finish	11:15 AM
Lease	Younger		Well No.	#1		Location Loretta, Ks - 1 3/4 N, E15									
Contractor	Southwind #3					Owner									
Type Job	Surface					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.									
Hole Size	12 1/4"		T.D.	1070'		Charge To									
Csg.	8 5/8"		Depth	1070'		Mai oil operations									
Tbg. Size			Depth			Street									
Tool			Depth			City State									
Cement Left in Csg.	35.80		Shoe Joint	35.80'		The above was done to satisfaction and supervision of owner agent or contractor.									
Meas Line			Displace	65 3/4		Cement Amount Ordered 390 sx 60140 3% CC 2% Gel									
EQUIPMENT						60 sx 60140 3% CC 2% Gel									
Pumptrk	15	No.	Cementer	Cisco		Common 270									
Bulktrk	12	No.	Driver	Lonnie		Poz. Mix 180									
Bulktrk	p.u.	No.	Driver	Rick		Gel. 9									
JOB SERVICES & REMARKS						Calcium 17									
Remarks	Cement did NOT 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									
Run 75' of 1" down						Sand									
Backside with 60 sx						Handling 466									
60140 3% CC 2% Gel						Mileage									
						FLOAT EQUIPMENT									
Cement did Circulate.						Guide Shoe									
						Centralizer									
						Baskets									
						AFU Inserts									
						Float Shoe									
						Latch Down									
						1 - Rubber plug									
						Pumptrk Charge Long Surface									
						Mileage 26									
						Tax									
						Discount									
						Total Charge									
X Signature <i>[Signature]</i>															

# 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. 583

Date	2-13-12	Sec.	11	Twp.	16	Range	17	County	Rush	State	Ks	On Location	6:45 AM				
Lease	Younger		Well No.	1		Location								Locetta, Ks - 1 3/4 N, E/S			
Contractor	Southwind #3						Owner										
Type Job	Plug						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.										
Hole Size	7 7/8"		T.D.	3600'		Charge To								Mai oil operations			
Csg.			Depth			Street											
Tbg. Size	4 1/2" D.P.		Depth	3534'		City								State			
Tool			Depth			The above was done to satisfaction and supervision of owner agent or contractor.											
Cement Left in Csg.			Shoe Joint			Cement Amount Ordered								200 SX 60/40 4% Gel			
Meas Line			Displace	Mud H2O		EQUIPMENT								1/4 # Flo-seal			
Pumptrk	15 No.		Cementer	Eislo		Common								120			
Bulktrk	10 No.		Driver	Brian		Poz. Mix								80			
Bulktrk	4 No.		Driver	Rick		Gel.								7			
JOB SERVICES & REMARKS						Calcium											
Remarks:						Hulls											
Rat Hole						30 SX		Salt									
Mouse Hole						N/A		Flowseal								50 #	
Centralizers						Kol-Seal											
Baskets						Mud CLR 48											
DV or Port Collar						3534' - 50 SX		CFL-117 or CD110 CAF 38									
						1110' - 50 SX		Sand									
						510' - 50 SX		Handling									
						60' - 20 SX		Mileage									
						Lathole - 30 SX		FLOAT EQUIPMENT									
Cement did Circulate.						Guide Shoe											
						Centralizer											
						Baskets											
						AFU Inserts											
						Float Shoe											
						Latch Down											
						Pumptrk Charge								plug			
						Mileage								26			
X Signature <i>Jay Ihui</i>														Tax			
														Discount			
														Total Charge			