

Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1262270  
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: \_\_\_\_\_

1262270

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 <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  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
<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: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____				
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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**JAMES C. MUSGROVE**

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

Office (620) 588-4250

Res. Claflin (620) 587-3444

Mai Oil Operations  
Simpson 3-5 #6  
NW-SE-NW-SE (1905' FSL & 1683' FEL)  
Section 12-11s-17w  
Ellis County, Kansas

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**Dry and Abandoned**

**Contractor:** Southwind Drilling Co. (rig #3)  
**Commenced:** July 23, 2015  
**Completed:** August 1, 2015  
**Elevation:** 1775' K.B., 1773' D.F., 1767' G.L.  
**Casing program:** Surface; 8 5/8" @ 963  
Production, None  
**Sample:** Samples saved and examined 2700' to the Rotary Total Depth.  
**Drilling time:** One (1) foot drilling time recorded and kept 2700' to the Rotary Total Depth.  
**Measurements:** All depths measured from the Kelly Bushing.  
**Drill Stem Tests:** There were four (4) Drill Stem Tests ran by Trilobite Testing Co.  
**Electric Log:** None

<u>Formation</u>	<u>Sample Depth</u>	<u>Sub-Sea Datum</u>
Anhydrite	960	+815
Base Anhydrite	1000	+775
Heebner	2918	-1143
Toronto	2940	-1165
Lansing	2963	-1188
Base Kansas City	3203	-1428
Conglomerate	3217	-1442
Reworked Arbuckle	3284	-1509
Arbuckle	3313	-1538
Rotary Total Depth	3320	-1545

All tops and zones determination were made from a correlation of drilling time and sample analysis.

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

**TOPEKA SECTION**

2700-2918' There were several zones of well-developed porosity encountered in the drilling of the Topeka Section, but no shows of oil/or gas was noted.

**TORONTO SECTION**

2940-2946' Limestone, white, light gray, finely crystalline, few fossiliferous, poor pinpoint and inter-crystalline, chalky in part, type porosity. Trace poor stain, no show of free oil and faint odor in fresh samples. Trace white boney chert.

**LANSING SECTION**

2963-2967' Limestone, cream, tan, finely crystalline, poor visible porosity, chalky in part, no shows.

2980-2990' Limestone, white, cream, finely crystalline, poor porosity, plus white/gray chert.

2997-3002' Limestone, cream, tan, finely crystalline, oolitic/fossiliferous, poor pinpoint and inter-crystalline type porosity, chalky in part, trace edge staining, no free oil and weak odor in fresh samples.

3006-3016' Limestone, cream, tan, finely crystalline, poor porosity, trace stain, no shows of oil and no odor, trace white boney chert.

3020-3030' Limestone, as above.

3030-3042' Limestone, white, cream, finely crystalline, poor visible porosity; plus chert, white/cream, boney, no shows.

3045-3054' Limestone, cream, tan, finely crystalline, oolitic poor to fair fine vuggy to inter-crystalline type porosity, brown spotty stain, no free oil and faint odor in fresh samples.

3056-3066' Limestone, cream, tan, oolitic, oomoldic, poor to fair inter-crystalline and oomoldic porosity, slightly chalky, brown stain, no free oil and no odor in fresh samples.

3100-3110' Limestone, white, cream, finely crystalline, poor vuggy porosity, brown stain, no free oil and weak odor in fresh samples.

3118-3124' Limestone, cream, white, tan, finely crystalline, oolitic/fossiliferous, poor scattered inter-crystalline and finely vuggy type porosity, spotty dark brown stain, no free oil and no odor in fresh samples.

3136-3141' Limestone, white, light gray, finely oolitic, poor visible porosity, dense, trace white boney and translucent chert.

3156-3161' Limestone, white, cream, oolitic, dense

3166-3178' Limestone, white, finely crystalline, oolitic, poor inter-crystalline porosity, spotty brown stain, trace of free oil and faint odor in fresh samples.

3190-3200' Limestone, white, light gray, oolitic, poor visible porosity, cherty, dense, no shows

**Drill Stem Test #1** **3106-3215**

**Times:** 30-30-30-30  
**Blow:** Weak  
**Recovery:** 90' mud, with oil spots  
**Pressures:** ISIP 359 psi  
FSIP 367 psi  
IFP 57-65 psi  
FFP 311-379 psi plugging action  
HSH 1496-1493 psi

**Remarks:** FFP pressures questionable

**CONGLOMERATE SECTION**

- 3222-3226' Sand, brown, white, fine grained; sub-rounded; sub-angular, fair sorting; poor to fair inter-granular porosity, brown stain and saturation, show of free oil and faint odor in fresh samples.
- 3226-3240' Chert; white, cream, boney, few scattered porosity, dark brown to black stain, trace of free oil and fair odor in fresh samples.
- 3240-3261' Chert, white/gray, boney; poor to fair porosity; brown to black stain, weak show of free oil and faint odor in fresh samples.

**Drill Stem Test #2** **3213-3261**

**Times:** 30-45-X-X  
**--Misrun--** packer failure 2<sup>nd</sup> opening

**Drill Stem Test #3** **3192-3261**

**Times:** 30-30-30-30  
**Blow:** Weak  
**Recovery:** 10' mud, with oil spots  
**Pressures:** ISIP 234 psi  
FSIP 154 psi  
IFP 22-25 psi  
FFP 25-31 psi  
HSH 1561-1535 psi

**REWORKED ARBUCKLE**

- 3284-3300' Dolomite, fine crystalline, secondary quartz (reworked); finely crystalline, cherty; plus white, oolitic, boney chert.
- 3300-3313' Dolomite, as above, plus brown and gray shale.

Mai Oil Operations  
Simpson 3-5 #6  
NW-SE-NW-SE (1905' FSL & 1683' FEL)  
Section 12-11s-17w  
Ellis County, Kansas

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**ARBUCKLE SECTION**

3313-3320' Dolomite, cream to tan, finely crystalline; few medium crystalline, poor to fair inter-crystalline porosity; dark brown stain, show of free oil and fair odor in fresh samples.

**Drill Stem Test #4 3192-3320**

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

**Blow: Strong**

**Recovery: 292' mud  
315' muddy water**


**Pressures: ISIP 1024 psi  
FSIP 1048 psi  
IFP 34-156 psi  
FFP 164-308 psi  
HSH 1584-1552 psi**

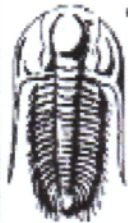
**Rotary Total Depth 3320-1545**

**Recommendations:**

The Mai Oil Operations Inc., Simpson 3-5 #6; was plugged and abandoned at the Rotary Total Depth 3320-1545.

Respectfully yours,

  
Kurt Talbott  
Petroleum Geologist



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Mai Oil Operations, Inc  
 8411 Preston RD STE 800  
 Dallas, TX 75225  
 ATTN: Kurt Talbott

**12-11s-17w Ellis,KS**  
**Simpson 3-5 #6**  
 Job Ticket: 61635      **DST#: 1**  
 Test Start: 2015.07.29 @ 22:26:00

**GENERAL INFORMATION:**

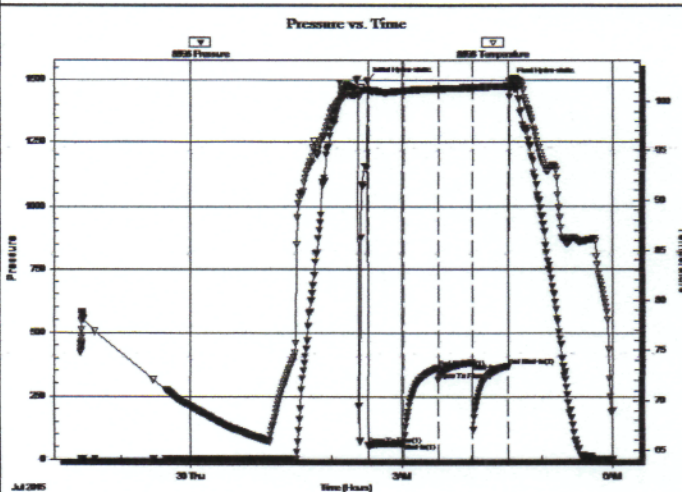
Formation: **LKC "H-K"**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 02:31:10  
 Time Test Ended: 06:00:39  
 Interval: **3106.00 ft (KB) To 3215.00 ft (KB) (TVD)**  
 Total Depth: 3215.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: Phillip Gage  
 Unit No: 77  
 Reference Elevations: 1775.00 ft (KB)  
 1767.00 ft (CF)  
 KB to GR/CF: 8.00 ft

**Serial #: 8898**

**Outside**

Press@RunDepth: 379.73 psig @ 3107.00 ft (KB)  
 Start Date: 2015.07.29 End Date: 2015.07.30  
 Start Time: 22:26:01 End Time: 06:00:40  
 Capacity: 8000.00 psig  
 Last Calib.: 2015.07.30  
 Time On Btm: 2015.07.30 @ 02:30:50  
 Time Off Btm: 2015.07.30 @ 04:33:20

TEST COMMENT: 30-IF-Built to 1/4", died back to surface blow.  
 30-ISI-No Return  
 30-FF-No Blow  
 30-FSI-No Return



**PRESSURE SUMMARY**

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1496.00	101.21	Initial Hydro-static
1	57.32	100.86	Open To Flow (1)
32	65.07	101.10	Shut-In(1)
61	359.29	101.29	End Shut-In(1)
61	311.54	101.27	Open To Flow (2)
90	379.73	101.42	Shut-In(2)
121	367.40	101.57	End Shut-In(2)
123	1493.26	102.14	Final Hydro-static

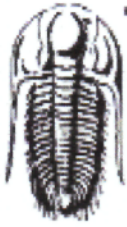
**Recovery**

Length (ft)	Description	Volume (bbl)
90.00	M, w with oil spots	1.26

**Gas Rates**

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





**TRILOBITE TESTING, INC**

**DRILL STEM TEST REPORT**

Mai Oil Operations, Inc  
 8411 Preston RD STE 800  
 Dallas, TX 75225  
 ATTN: Kurt Talbott

**12-11s-17w Ellis,KS**  
**Simpson 3-5 #6**  
 Job Ticket: 61636      **DST#: 2**  
 Test Start: 2015.07.31 @ 07:28:00

**GENERAL INFORMATION:**

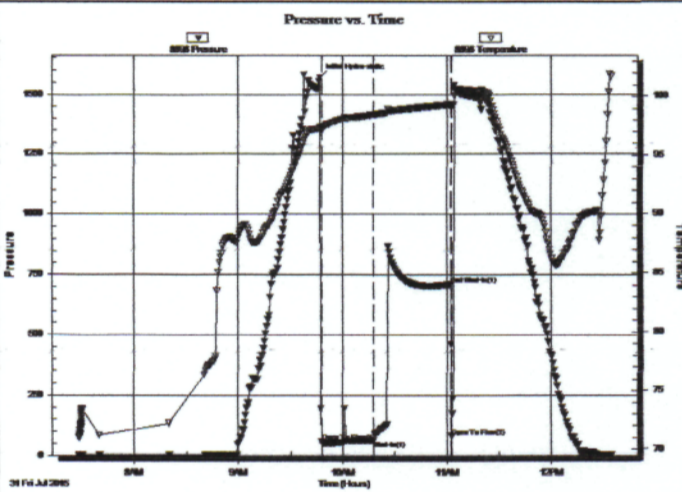
Formation: **Conglomerate**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 09:47:50  
 Time Test Ended: 12:34:20  
 Interval: **3213.00 ft (KB) To 3261.00 ft (KB) (TVD)**  
 Total Depth: 3261.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Phillip Gage  
 Unit No: 77  
 Reference Elevations: 1775.00 ft (KB)  
 1767.00 ft (CF)  
 KB to GRVCF: 8.00 ft

**Serial #: 8898**

**Outside**

Press@RunDepth: 61.89 psig @ 3214.00 ft (KB)      Capacity: 8000.00 psig  
 Start Date: 2015.07.31      End Date: 2015.07.31      Last Calib.: 2015.07.31  
 Start Time: 07:28:01      End Time: 12:34:20      Time On Btm: 2015.07.31 @ 09:47:10  
 Time Off Btm:

**TEST COMMENT:** 30-IF-Lost 20' of mud, 5" blow, bleed off then got weak surface blow  
 45-ISI-No Return  
 FF-Packer Failure  
 FS-



**PRESSURE SUMMARY**

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1568.45	97.35	Initial Hydro-static
1	57.28	97.08	Open To Flow (1)
31	61.89	98.50	Shut-In(1)
75	710.96	99.35	End Shut-In(1)
76	79.26	99.13	Open To Flow (2)

**Recovery**

Length (ft)	Description	Volume (bbl)
206.00	Mud	2.89

\* Recovery from multiple tests

**Gas Rates**

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



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Mai Oil Operations, Inc  
 8411 Preston RD STE 800  
 Dallas, TX 75225  
 ATTN: Kurt Talbott

**12-11s-17w Ellis,KS**  
**Simpson 3-5 #6**  
 Job Ticket: 61638      **DST#: 3**  
 Test Start: 2015.07.31 @ 15:50:00

## GENERAL INFORMATION:

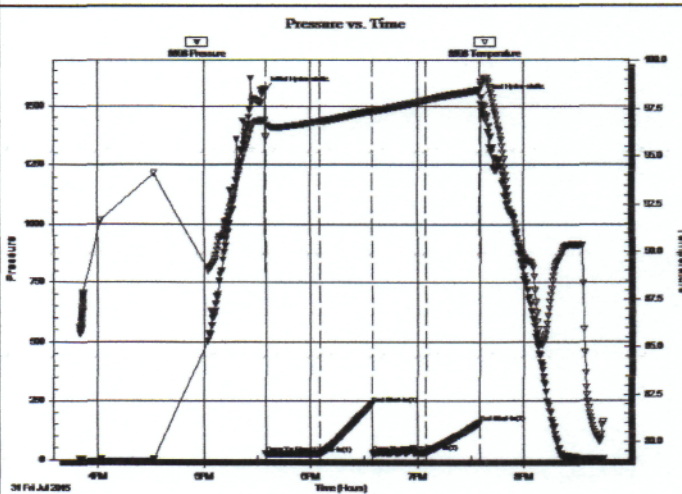
Formation: **Conglomerate**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 17:34:40  
 Time Test Ended: 20:44:39  
 Interval: **3192.00 ft (KB) To 3261.00 ft (KB) (TVD)**  
 Total Depth: 3261.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Phillip Gage  
 Unit No: 77  
 Reference Elevations: 1775.00 ft (KB)  
 1767.00 ft (CF)  
 KB to GR/CF: 8.00 ft

## Serial #: 8898

Outside

Press@RunDepth: 31.59 psig @ 3193.00 ft (KB)  
 Start Date: 2015.07.31 End Date: 2015.07.31  
 Start Time: 15:50:01 End Time: 20:44:40  
 Capacity: 8000.00 psig  
 Last Calib.: 2015.07.31  
 Time On Btm: 2015.07.31 @ 17:34:30  
 Time Off Btm: 2015.07.31 @ 19:35:50

TEST COMMENT: 30-IF-1/4" Blow  
 30-ISI-No Return  
 30-FF-No Blow  
 30-FSI-No Return



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1567.17	96.86	Initial Hydro-static
1	22.98	95.97	Open To Flow (1)
31	25.16	96.81	Shut-In(1)
60	234.08	97.39	End Shut-In(1)
61	25.35	97.28	Open To Flow (2)
91	31.59	97.94	Shut-In(2)
121	154.65	98.46	End Shut-In(2)
122	1535.22	98.73	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
10.00	M, w with oil spots, 100% m	0.14

\* Recovery from multiple tests

## Gas Rates

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



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Mai Oil Operations, Inc  
 8411 Preston RD STE 800  
 Dallas, TX 75225  
 ATTN: Kurt Talbott

**12-11s-17w Ellis,KS**  
**Simpson 3-5 #6**  
 Job Ticket: 61639      **DST#: 4**  
 Test Start: 2015.08.01 @ 07:52:00

## GENERAL INFORMATION:

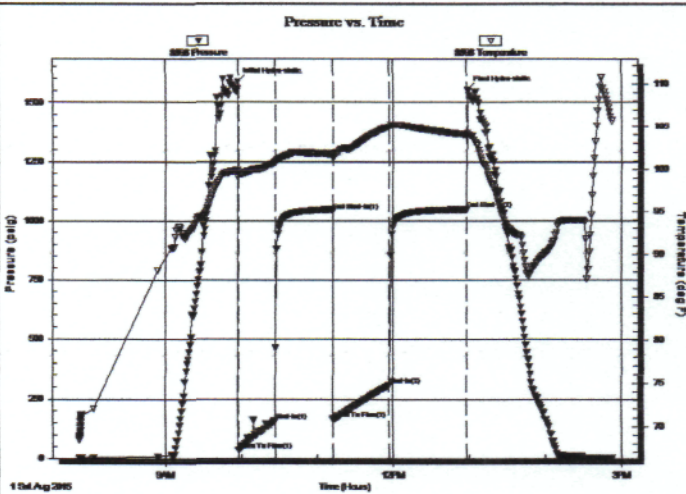
Formation: **Arbuckle**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 09:57:40  
 Time Test Ended: 14:52:50  
 Interval: **3192.00 ft (KB) To 3320.00 ft (KB) (TVD)**  
 Total Depth: 3320.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Phillip Gage  
 Unit No: 77  
 Reference Elevations: 1775.00 ft (KB)  
 1767.00 ft (CF)  
 KB to GR/CF: 8.00 ft

## Serial #: 8898

Outside

Press@RunDepth: 308.19 psig @ 3193.00 ft (KB)  
 Start Date: 2015.08.01 End Date: 2015.08.01  
 Start Time: 07:52:01 End Time: 14:52:50  
 Capacity: 8000.00 psig  
 Last Calib.: 2015.08.01  
 Time On Btrn: 2015.08.01 @ 09:57:30  
 Time Off Btrn: 2015.08.01 @ 12:58:30

TEST COMMENT: 30-IF-BOB in 10 mins.  
 45-ISI-No Return  
 45-FF-BOB in 11 mins.  
 60-FSI-No Return



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1584.50	99.80	Initial Hydro-static
1	34.17	99.09	Open To Flow (1)
30	156.84	100.79	Shut-In(1)
75	1042.44	101.77	End Shut-In(1)
75	164.76	101.53	Open To Flow (2)
120	308.19	105.03	Shut-In(2)
181	1048.73	104.06	End Shut-In(2)
181	1552.84	104.22	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
189.00	MW, 20%m, 80%w	2.65
126.00	MW, 40%m, 60%w	1.77
292.00	M, with oil spots, 100%m	4.10

\* Recovery from multiple tests

## Gas Rates

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

# 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. 1477

Date	Sec.	Twp.	Range	County	State	On Location	Finish
7-24-15	12	11	17	Ellis	KS		5:45 PM
Location				Cedella River Road SE 1/4 Winto			

Lease	Well No.	Owner	
Simpson 3-5	6	To Quality Oilwell Cementing, Inc.	
Contractor	You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.		
Southwind #3			
Type Job	Charge To		
Surface	Moi Oil		
Hole Size	T.D.	Street	
12 1/4	963		
Csg.	Depth	City	
8 5/8	962	State	
Tbg. Size	Depth	The above was done to satisfaction and supervision of owner agent or contractor.	
		Cement Amount Ordered 425 <sup>60/40</sup> 3/11/21 6FL 1/2 TR	
Cement Left in Csg.	Shoe Joint		
40'	40'		

Meas Line	Displace	EQUIPMENT	
	58' 1/2 BCL	Common	
Pumptrk	No.	Cementer	Poz. Mix
5		Greg	
Bulktrk	No.	Helper	Gel.
		Carl	
Bulktrk	No.	Driver	Calcium
19		Brian	

JOB SERVICES & REMARKS		Hulls
Remarks:		Salt
Rat Hole		Flowseal
Mouse Hole		Kol-Seal
Centralizers		Mud CLR 48
Baskets		CFL-117 or CD110 CAF 38
D/V or Port Collar		Sand
8 5/8 on bottom. Est. Circulation.		Handling
Mix 425 sk + Displace Plug.		Mileage

Cement Circulated.		FLOAT EQUIPMENT	
		Guide Shoe	
		Centralizer	8 5/8 Rubber Plug
		Baskets	
		AFU Inserts	
		Float Shoe	
		Latch Down	

Quality Oilwell Cementing

X Signature *[Signature]*

Pumptrk Charge	
Mileage	
Tax	
Discount	
Total Charge	