



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1236245
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: _____

1236245

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

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> _____	PRODUCTION INTERVAL: _____ _____
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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
Sellens #4
2310' FSL & 1650' FWL
Section 33-15s-13w
Russell County, Kansas

Page 1

5 1/2" Production Casing Set

Contractor: Southwind Drilling Co. (rig #3)
Commenced: September 25, 2014
Completed: September 30, 2014
Elevation: 1911' K.B., 1909' D.F., 1903' G.L.
Casing program: Surface; 8 5/8" @ 514'
Production, 5 1/2" @ 3401'
Sample: Samples saved and examined 2300' to the Rotary Total Depth.
Drilling time: One (1) foot drilling time recorded and kept 2300' 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 Diamond Testing Co.
Electric Log: By Nabors, Dual Induction, Compensated Density Neutron/Density Log and Micro Log.

<u>Formation</u>	<u>Log Depth</u>	<u>Sub-Sea Datum</u>
Anhydrite	879	+1032
Base Anhydrite	908	+1003
Tarkio Lime	2506	-595
Elmont	2570	-659
Howard	2709	-798
Topeka	2781	-870
Heebner	3013	-1102
Toronto	3028	-1117
Lansing	3084	-1173
Base Kansas City (Mai)	3293	-1382
Arbuckle	3344	-1433
Rotary Total Depth	3400	-1489
Log Total Depth	3402	-1491

All tops and zones corrected to Electric Log Measurement.

Mai Oil Operations
Sellens #4
2310' FSL & 1650' FWL
Section 33-15s-13w
Russell County, Kansas

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

TARKIO SECTION

No shows of oil and/or gas was noted in the drilling of the Tarkio Sand(s)
(see attached sample log/geologist report)

TOPEKA SECTION

- | | |
|------------|---|
| 2802-2810' | Limestone, tan, buff finely crystalline, fossiliferous, chalky, poor developed inter-crystalline porosity, trace light brown stain, no free oil and no odor in fresh samples. |
| 2950-2970' | Limestone, tan, fine and medium crystalline oomoldic, poorly developed oomoldic porosity, no shows. |
| 2971-2984' | Limestone, cream, tan, finely crystalline, oolitic, oomoldic, poor visible porosity, light brown stain, no free oil and no odor in fresh samples. |

TORONTO SECTION

- | | |
|------------|--|
| 3028-3040' | Limestone, tan, brown, finely crystalline chalky, poorly developed inter-crystalline porosity, brown spotty stain, no free oil and no odor in fresh samples. |
|------------|--|

LANSING SECTION

- | | |
|------------|---|
| 3084-3090' | Limestone, brown, finely crystalline, cherty (dense). |
| 3097-3104' | Limestone, cream, tan, finely crystalline, poor scattered porosity, no shows. |
| 3112-3122' | Limestone, white, tan, fine to medium crystalline, oomoldic; fair oomoldic/inter-crystalline, oomoldic, fair oomoldic/inter-crystalline porosity, brown stain, show of free oil and fair odor in fresh samples. |
| 3122-3136' | Limestone, tan, oomoldic, fair oomoldic porosity, light brown stain, show of free oil and faint odor in fresh samples. |

Drill Stem Test #1 **3095-3145**

Times: 30-30-30-30

Blow: Strong

**Recovery: 335' gassy oil
10' very slightly oil and gas cut mud
(25% gas; 25% oil; 25% water; 25% mud)**

**Pressures: ISIP 702 psi
FSIP 686 psi
IFP 69-96 psi
FFP 118-157 psi
HSH 1550-1460 psi**

- 3154-3166' Limestone, tan, brown, finely crystalline, poor porosity, no shows.
- 3178-3200' Limestone, tan, oomoldic, fair oomoldic porosity, no shows.
- 3238-3250' Limestone, white, cream, oolitic, poor scattered porosity, light brown stain, show of free oil and faint odor in fresh samples.
- 3254-3266' Limestone, tan, brown, oolitic, poor porosity, no shows.
- 3275-3284' Limestone, tan, brown, oolitic, poorly developed porosity, no shows.

Drill Stem Test #2 **3210-3290**

Times: 30-30-30-30

Blow: Weak

Recovery: 10' mud

**Pressures: ISIP 276 psi
FSIP 106 psi
IFP 60-60 psi
FFP 62-62 psi
HSH 1647-1558 psi**

- 3310-3324' Limestone, cream, tan, finely crystalline, dense.

Mai Oil Operations
Sellens #4
2310' FSL & 1650' FWL
Section 33-15s-13w
Russell County, Kansas

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ARBUCKLE SECTION

3344-3352' Dolomite, tan, white, finely crystalline, fair inter-crystalline porosity, light brown stain, show of free oil and strong odor in fresh samples.

Drill Stem Test #3

3322-3352

Times: 15-15-30-30

Blow: Strong

**Recovery: 10' clean oil
315' oil cut muddy water
(10% oil; 70% water; 20% mud)
441' slightly oil cut muddy water
(5% oil; 55% water; 40% mud)
441' slightly oil and gas cut muddy water
(5% gas; 5% oil; 87.5% water, 2.5% mud)
252' slightly oil cut water
(2.5% oil; 97.5% water)
935' water**

**Pressures: ISIP 1110 psi
FSIP 1113 psi
IFP 410-807 psi
FFP 866-1112 psi
HSH 1659-1638 psi**

3352-3360' Dolomite, tan, white, sucrosic, fair pinpoint porosity, fair black and golden brown stain, show of free oil and strong odor in fresh samples.

3360-3380' Dolomite, gray, white, finely crystalline, sucrosic, fair porosity, no shows trace iron pyrite.

3380-3400' Dolomite, white, tan, finely crystalline, poor visible porosity, dense, no shows.

Mai Oil Operations
Sellens #4
2310' FSL & 1650' FWL
Section 33-15s-13w
Russell County, Kansas

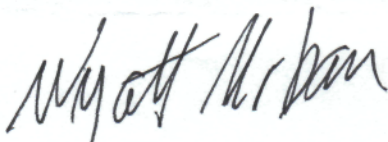
Page 5

Rotary Total Depth	3400
Log Total Depth	3402

Recommendations:

The 5 ½" production casing set and cemented on the Mai Oil Operations Inc., Sellens #4.

Respectfully yours,



Wyatt Urban
Petroleum Geologist



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Mai Oil Operations, Inc.
 8411 Preston Rd STE 800
 Dallas TX 75225-5520
 ATTN: Wyatt Urban

33-15s-13w Russell, KS
Sellens #4
 Job Ticket: 60461 **DST#: 1**
 Test Start: 2014.09.28 @ 15:27:00

GENERAL INFORMATION:

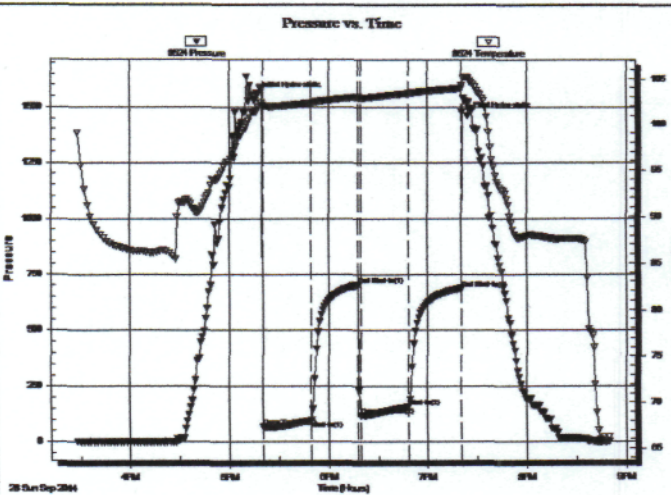
Formation: **LKC "A-C"**
 Deviated: **No Whipstock** ft (KB)
 Time Tool Opened: 17:20:30
 Time Test Ended: 20:49:30
 Test Type: **Conventional Bottom Hole (Initial)**
 Tester: **Shane Konzern**
 Unit No: **S3**
 Interval: **3095.00 ft (KB) To 3145.00 ft (KB) (TVD)**
 Total Depth: **3145.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Poor**
 Reference Elevations: **1911.00 ft (KB)**
1903.00 ft (CF)
 KB to GR/CF: **8.00 ft**

Serial #: 8524

Inside

Press@RunDepth: **157.38 psig @ 3141.00 ft (KB)** Capacity: **8000.00 psig**
 Start Date: **2014.09.28** End Date: **2014.09.28** Last Calib.: **2014.09.28**
 Start Time: **15:28:00** End Time: **20:49:30** Time On Btm: **2014.09.28 @ 17:17:00**
 Time Off Btm: **2014.09.28 @ 19:24:00**

TEST COMMENT: FFP 30 BOB in 50 seconds.
 ISI 30 Weak surface blow back.
 FFP 30 BOB in 1 minute and 30 seconds. GTS at 1 minutes and 30 seconds.
 FSI 30 Weak surface blow back.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1550.21	101.57	Initial Hydro-static
4	69.44	102.03	Open To Flow (1)
33	96.29	102.31	Shut-in(1)
61	702.57	102.96	End Shut-in(1)
63	118.33	102.86	Open To Flow (2)
92	157.38	103.36	Shut-in(2)
123	686.32	103.93	End Shut-in(2)
127	1460.10	105.16	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
335.00	100% Clean gassy oil	4.70
10.00	2.5% gas, 2.5% oil, 2.5% water, 92.5 mu.0.14	

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	0.00	5.39
Last Gas Rate	0.13	0.00	5.39
Max. Gas Rate	0.13	0.00	5.39



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Mai Oil Operations, Inc.
 8411 Preston Rd STE 800
 Dallas TX 75225-5520
 ATTN: Wyatt Urban

33-15s-13w Russell,KS
Sellens #4
 Job Ticket: 60461 DST#: 1
 Test Start: 2014.09.28 @ 15:27:00

GENERAL INFORMATION:

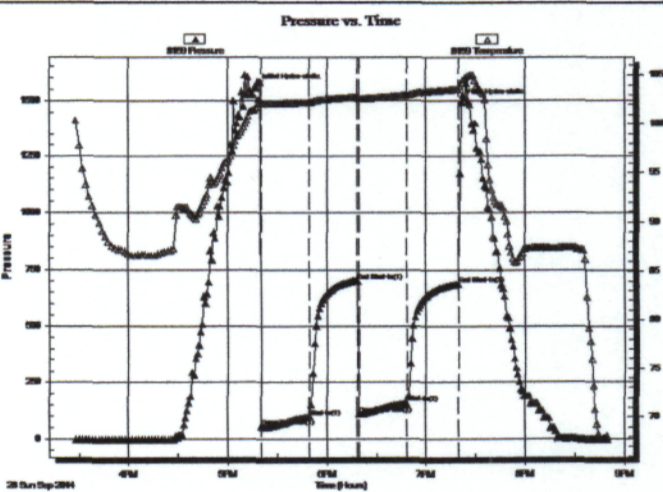
Formation: **LKC "A-C"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 17:20:30
 Time Test Ended: 20:49:30
 Interval: **3095.00 ft (KB) To 3145.00 ft (KB) (TVD)**
 Total Depth: 3145.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Poor
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Shane Konzern
 Unit No: S3
 Reference Elevations: 1911.00 ft (KB)
 1903.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8159

Outside

Press@RunDepth: 687.83 psig @ 3142.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.09.28 End Date: 2014.09.28 Last Calib.: 2014.09.28
 Start Time: 15:28:00 End Time: 20:49:30 Time On Btm: 2014.09.28 @ 17:17:30
 Time Off Btm: 2014.09.28 @ 19:21:30

TEST COMMENT: IFP 30 BOB in 50 seconds.
 ISI 30 Weak surface blow back.
 FFP 30 BOB in 1 minute and 30 seconds. GTS at 1 minutes and 30 seconds.
 FSI 30 Weak surface blow back.



PRESSURE SUMMARY

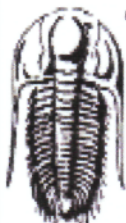
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1558.50	101.74	Initial Hydro-static
3	55.95	102.19	Open To Flow (1)
32	99.13	102.27	Shut-In(1)
61	699.15	102.82	End Shut-In(1)
62	108.95	102.65	Open To Flow (2)
91	158.30	102.99	Shut-In(2)
122	687.83	103.61	End Shut-In(2)
124	1491.66	104.28	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
335.00	100% Clean gassy oil	4.70
10.00	2.5% gas, 2.5% oil, 2.5% water, 92.5% mud	0.14

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	0.00	5.39
Last Gas Rate	0.13	0.00	5.39
Max. Gas Rate	0.13	0.00	5.39



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Mai Oil Operations, Inc.
 8411 Preston Rd STE 800
 Dallas TX 75225-5520
 ATTN: Wyatt Urban

33-15s-13w Russell,KS
Sellens #4
 Job Ticket: 60462 DST#: 2
 Test Start: 2014.09.29 @ 11:00:00

GENERAL INFORMATION:

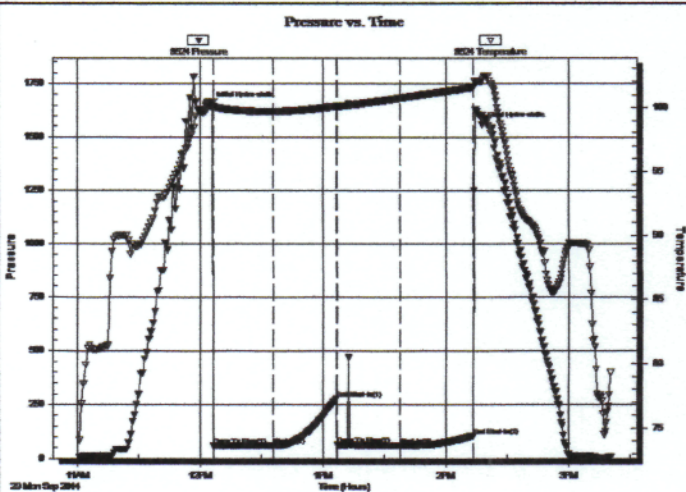
Formation: **LKC "H"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 12:06:30
 Time Test Ended: 15:20:30
 Interval: **3210.00 ft (KB) To 3290.00 ft (KB) (TVD)**
 Total Depth: 3290.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Poor
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Shane Konzern
 Unit No: S3
 Reference Elevations: 1911.00 ft (KB)
 1903.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8524

Inside

Press@RunDepth: 62.49 psig @ 3286.22 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.09.29 End Date: 2014.09.29 Last Calib.: 2014.09.29
 Start Time: 11:01:00 End Time: 15:20:30 Time On Btm: 2014.09.29 @ 12:05:00
 Time Off Btm: 2014.09.29 @ 14:17:30

TEST COMMENT: FFP 30 Weak blow built to 1/2"
 ISI 30 No blow back.
 FFP 45 No blow, flushed tool had good flush bubbles and gained no blow.
 FSI 45 No blow back.



PRESSURE SUMMARY

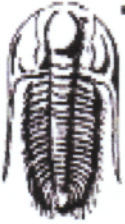
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1647.02	100.45	Initial Hydro-static
2	60.54	100.09	Open To Flow (1)
31	60.21	99.72	Shut-In(1)
62	276.19	100.12	End Shut-In(1)
62	62.99	100.08	Open To Flow (2)
93	62.49	100.72	Shut-In(2)
129	106.48	101.56	End Shut-In(2)
133	1558.34	102.02	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	100% Mud	0.14

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 75225-5520
 ATTN: Wyatt Urban

33-15s-13w Russell,KS
Sellens #4
 Job Ticket: 60463 **DST#: 3**
 Test Start: 2014.09.29 @ 22:14:00

GENERAL INFORMATION:

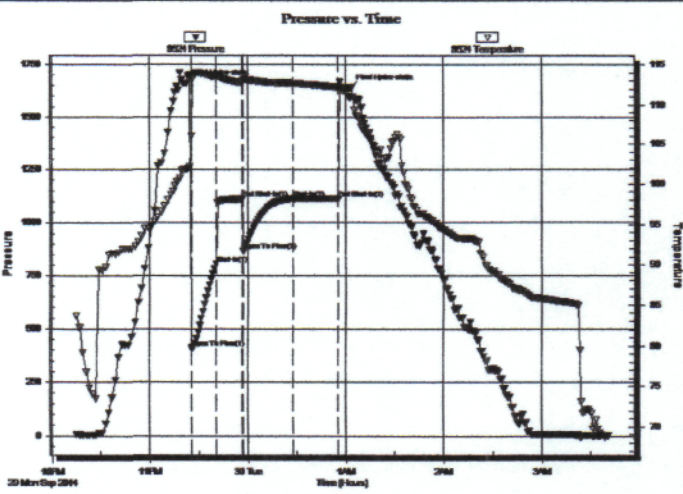
Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 23:25:30
 Time Test Ended: 03:41:00
 Interval: **3322.00 ft (KB) To 3352.00 ft (KB) (TVD)**
 Total Depth: 3352.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Poor
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Shane Konzern
 Unit No: S3
 Reference Elevations: 1911.00 ft (KB)
 1903.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8524

Inside

Press@RunDepth: 1112.01 psig @ 3348.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.09.29 End Date: 2014.09.30 Last Calib.: 2014.09.30
 Start Time: 22:15:00 End Time: 03:41:00 Time On Btrn: 2014.09.29 @ 23:21:30
 Time Off Btrn: 2014.09.30 @ 01:03:00

TEST COMMENT: IFF 15 BOB in 30 seconds.
 ISI 15 No blow back.
 FFP 30 BOB in 30 seconds.
 FSI 30 No blow back.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1659.50	101.85	Initial Hydro-static
4	410.54	105.95	Open To Flow (1)
19	807.63	113.43	Shut-In(1)
35	1110.96	112.73	End Shut-In(1)
36	866.88	113.10	Open To Flow (2)
66	1112.01	112.69	Shut-In(2)
94	1113.05	112.20	End Shut-In(2)
102	1638.91	110.97	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
441.00	OMCW 5% Oil, 40% mud, 55% Water.	6.19
189.00	GOCMW 2.5% mud, 2.5% oil, 10% mud, 85% water	2.65
252.00	GMCOW 2.5% mud, 5% gas, 5% oil, 87.5% water	3.53
315.00	OCMW 10% oil, 20% mud, 70% water	4.42
252.00	VSOCW 2.5% oil, 97.5% water.	3.53
935.00	100% water	13.12

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. 858

Date <u>9-25-14</u>	Sec. <u>33</u>	Twp. <u>15</u>	Range <u>13</u>	County <u>Russell</u>	State <u>KS</u>	On Location	Finish <u>5:15</u>
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Location Russell ks 5 to Michaelis Rd, 4E, 15, 1E, N n 2

Lease <u>Sellens</u>	Well No. <u>4</u>	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.
Contractor <u>Southwind 3</u>		Charge To <u>Ma. Oil</u>
Type Job <u>Surface</u>		
Hole Size <u>12 1/4</u>	T.D. <u>514</u>	
Csg. <u>8 7/8</u>	Depth <u>514</u>	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.	Shoe Joint <u>20</u>	Cement Amount Ordered <u>250 60/40, 3%cc, 2%gel</u>
Meas Line	Displace <u>31661</u>	

EQUIPMENT

Pumptrk <u>17</u>	No.	Cementer Helper <u>Lonnie W.</u>	Common
Bulktrk <u>1</u>	No.	Driver <u>Brett</u>	Poz. Mix
Bulktrk <u>P4</u>	No.	Driver <u>Travis</u>	Gel.
			Calcium

JOB SERVICES & REMARKS

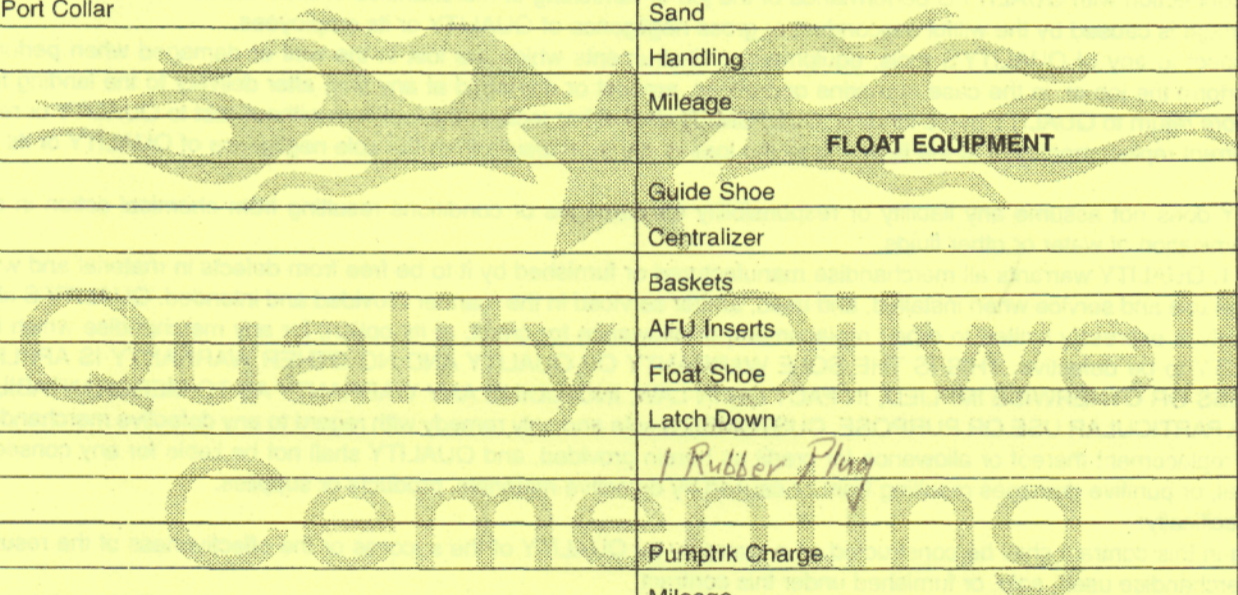
Remarks: <u>Cement did circulate</u>	Hulls
Rat Hole	Salt
Mouse Hole	Flowseal
Centralizers	Kol-Seal
Baskets	Mud CLR 48
D/V or Port Collar	CFL-117 or CD110 CAF 38
	Sand
	Handling
	Mileage

FLOAT EQUIPMENT

	Guide Shoe
	Centralizer
	Baskets
	AFU Inserts
	Float Shoe
	Latch Down
	<u>1 Rubber Plug</u>
	Pumptrk Charge
	Mileage

X Signature Jay Davis

	Tax
	Discount
	Total Charge



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. 707

Date	9-30-14	Sec.	33	Twp.	15	Range	13	County	Russell	State	KS	On Location		Finish	9:00PM
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Lease	Sellens	Well No.	#4	Owner	Minto
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Contractor	Southwind #3	To Quality Oilwell Cementing, Inc.
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Type Job	Production string	You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.
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Hole Size	7 7/8	T.D.	3400	Charge To	Mat 0:1
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Csg.	5 1/2	Depth	3395 1/2	Street	
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Tbg. Size		Depth		City	State
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Tool		Depth		The above was done to satisfaction and supervision of owner agent or contractor.	
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Cement Left in Csg.		Shoe Joint	21.08	Cement Amount Ordered	160 60/100 10% Salt 2% Gel
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Meas Line		Displace	82 1/4 bbl		1/4 Flo
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EQUIPMENT

Pumptrk	5	No.		Cementer	David	Common
				Helper		Poz. Mix
Bulktrk	15	No.		Driver	Clayton Tyson	Gel.
				Driver		Calcium
Bulktrk	PU	No.		Driver	Brett	

JOB SERVICES & REMARKS

Remarks:		Hulls
Rat Hole	30.5	Salt
Mouse Hole		Flowseal
Centralizers	1-10	Kol-Seal
Baskets		Mud CLR 48 - 1000 gal Mud Flush
D/V or Port Collar		CFL-117 or CD110 CAF 38
		Sand

Run 8 1/2 Jss & Est. cfr		Handling
Mix 1000 gal Mud Flush		Mileage

FLOAT EQUIPMENT

Plug Rat hole		5 1/2	Guide Shoe
Mixed 130 sx down 5 1/2		Centralizer - 10	
Displaced 82 1/4 bbl		Baskets	
Lift @ 700 lbs		AFU Inserts	
Landed @ 1500 lbs		Float Shoe	
Plug held		Latch Down - 1	
		Rubber Plug - 1	

		Pumptrk Charge
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		Mileage
--	--	---------

		Tax
		Discount
		Total Charge

X Signature *[Signature]*

