



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1133960
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: _____



1133960

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

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	Mai Oil Operations, Inc.
Well Name	Michel 'B' 5
Doc ID	1133960

Tops

Name	Top	Datum
Anhydrite	707	+1045
Tarkio Lime	2316	-564
Topeka	2587	-835
Heebner	2818	-1066
Toronto	2833	-1081
Lansing	2882	-1130
Base Kansas City	3093	-1341
Basal Sand	3139	-1387
Granite Wash	3143	-1391

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
Thomas E. Wright, Commissioner
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

April 17, 2013

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

Re: ACO1
API 15-167-23859-00-00
Michel 'B' 5
NW/4 Sec.36-14S-14W
Russell 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 Bangert

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
Michel 'B' #5
330' FNL & 1820' FWL
E/2-NW-NE-NW
Section 36-14s-14w
Russell County, Kansas
Page 1

Dry and Abandoned

Contractor: Southwind Drilling Co. (Rig #3)
Commenced: March 9, 2013
Completed: March 15, 2013
Elevation: 1752' K.B; 1750' D.F; 1744' G.L.
Casing program: Surface; 8 5/8" @ 473'
Production; none.
Sample: Samples saved and examined 2200' to the Rotary Total Depth.
Drilling time: One (1) foot drilling time recorded and kept 2200 ft. to the Rotary Total Depth.
Measurements: All depths measured from the Kelly Bushing.
Drill Stem Tests: There were six (6) Drill Stem Tests ran by Trilobite Testing Co.
Electric Log: By Nabors Completion & Production Services Co; Dual Induction, Compensated Density/Neutron Log and Micro Log.

<u>Formation</u>	<u>Sample Depth</u>	<u>Sub-Sea Datum</u>
Anhydrite	707	+1045
Base Anhydrite	244	+106
Grand Haven	2248	-496
1 st Tarkio Sand	2257	-505
Dover	2272	-520
2 nd Tarkio Sand	2286	-534
Tarkio Lime	2316	-564
Elmont	2371	-619
Howard	2523	-771
Topeka	2587	-835
Heebner	2818	-1066
Toronto	2833	-1081
Lansing	2882	-1130
Base Kansas City	3093	-1341
Basal Sand	3139	-1387
Granite Wash	3143	-1391
Granite	3177	-1425
Rotary Total Depth	3210	-1458
Log Total Depth	3211	-1459

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

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

1ST TARKIO SAND SECTION

2257-2262' Sand; gray, white, friable, calcareous, poor porosity, no shows.

2ND TARKIO SAND SECTION

2286-2302' Sand; gray, brown, fine grained, sub rounded, well sorted friable, brown stain, show of free oil and faint odor in fresh samples.

Drill Stem Test #1 2260-2315'

Times: 30-30-30-30

Blow: Weak

Recovery: 15' oil spotted mud

Pressures:

ISIP	209	psi
FSIP	149	psi
IFP	28-38	psi
FFP	41-46	psi
HSH	1085-1074	psi

TOPEKA SECTION

2694-2707' Limestone; white, chalk, poor porosity, light brown stain, free oil and no odor.

2767-2810' Limestone; tan, finely crystalline, fossiliferous, chalky, no shows.

TORONTO SECTION

2833-2850' Limestone; tan, gray, finely crystalline, slightly cherty, dense.

LANSING SECTION

2881-2890' Limestone; tan, finely crystalline, poorly developed porosity, no shows.

2903-2910' Limestone; white, tan, chalky, brown stain, weak show of free oil and faint odor in fresh samples.

2920-2927' Limestone; gray, sub-oomoldic, oolitic, scattered oomoldic porosity, light brown stain, show of free oil and gone odor, trace white, oolitic, opaque, chert.

Drill Stem Test #2 **2885-2938'**

Times: 30-30-45-45
Blow: Strong
Recovery: 45' oil & gas cut mud
 (10% gas, 10% oil, 80% mud)
Pressures: ISIP 238 psi
 FSIP 265 psi
 IFP 32-45 psi
 FFP 46-54 psi
 HSH 1499-1433 psi

- 2955-2960' Limestone; gray, oolitic, chalky, poor porosity, no shows.
 2968-2971' Limestone; white, tan, finely crystalline, oolitic, brown stain, no free oil and no odor.
 2977-3010' Limestone; white, oomoldic, good oomoldic and vuggy porosity, show of free oil, gray brown stain.

Drill Stem Test #3 **2974-3015'**

Times: 30-30-45-45
Blow: Weak
Recovery: 30' very slightly oil cut muddy water
 (% oil, 78% water, 20% mud)
 252' muddy water
Pressures: ISIP 712 psi
 FSIP 710 psi
 IFP 23-72 psi
 FFP 76-144 psi
 HSH 1500-1464 psi

- 3038-3050' Limestone; brown, tan, finely crystalline, fossiliferous, cherty, no shows.
 3055-3065' Limestone; white, tan, finely crystalline, chalky, light brown stain, no free oil and no odor.
 3072-3090' Limestone; white, tan, finely crystalline, poor porosity,
 3109-3122' Limestone; white, cream, finely crystalline, few fossiliferous, chalky, few cherty, no shows.
 3128-3136' Limestone; white, cream, finely crystalline, poor porosity, light brown spotty stain, no free oil and no odor.

BASAL SAND SECTION

- 3139-3142' Sand; clear, quartzite, sub rounded light brown stain, no free oil and no odor.

GRANITE WASH SECTION

3143-3147' Quartz; clear, pink, angular, matrix of pink granite material, loose biotite, light brown stain, no free oil and no odor.

Drill Stem Test #4 **3123-3147'**

Times: 30-30-30-30

Blow: Weak

Recovery: 1' mud

Pressures: ISIP 26 psi
FSIP 24 psi
IFP 15-14 psi
FFP 14-14 psi
HSH 1590-1575 psi

3147-3160' Quartz and granite as above.

Drill Stem Test #5 **3148-3160'**

Misrun – packer failure

Drill Stem Test #6 **3120-3160'**

Times: 30-30-30-30

Blow: Weak

Recovery: 3' very slightly oil cut mud
(1% oil, 99% mud)

Pressures: ISIP 125 psi
FSIP 71 psi
IFP 11-14 psi
FFP 14-14 psi
HSH 1573-1534 psi

3160-3177' Quartz; rose, clear, angular, scattered loose biotite, no shows.

GRANITE SECTION

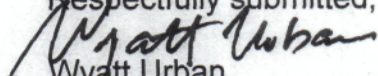
3177-3210 Abundant; pink/red feldspar, loose, glassy, angular quartz, trace iron pyrite, micaceous, no shows.

Rotary Total Depth 3210
Log Total Depth 3211

Recommendations:

The Michel 'B' #5 was plugged and abandoned at the Rotary Total Depth 3210.

Respectfully submitted;


Wyatt Urban,
Petroleum Geologist



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Mai Oil Operations, Inc
8411 Preston RD STE 800
Dallas TX 75225
ATTN: Wyatt Urban

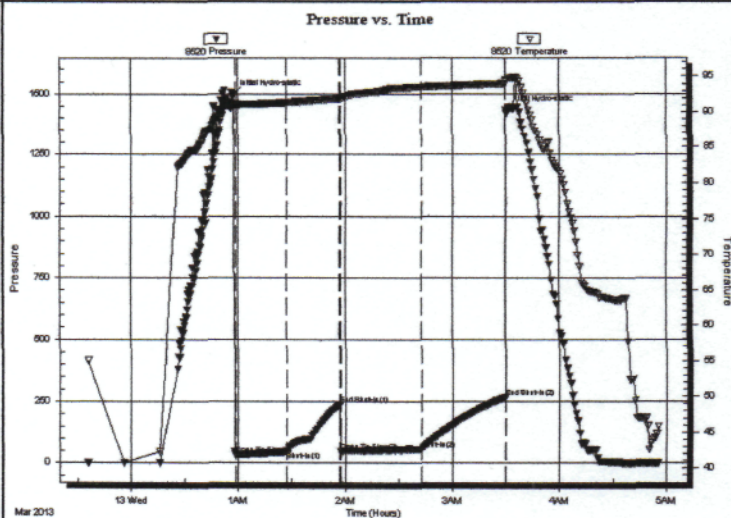
36-14s-14w Russell KS
Michel "B" #5
Job Ticket: 52152 **DST#: 2**
Test Start: 2013.03.12 @ 23:26:00

GENERAL INFORMATION:

Formation: **LKC "A,B,C"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 00:58:20
Time Test Ended: 04:56:00
Interval: **2885.00 ft (KB) To 2938.00 ft (KB) (TVD)**
Total Depth: 2938.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Reset)
Tester: Cody Bloedorn
Unit No: 66
Reference Elevations: 1744.00 ft (KB)
1739.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8520 **Outside**
Press@RunDepth: 54.56 psig @ 2920.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2013.03.12 End Date: 2013.03.13 Last Calib.: 2013.03.13
Start Time: 23:36:00 End Time: 04:56:00 Time On Btm: 2013.03.13 @ 00:57:30
Time Off Btm: 2013.03.13 @ 03:30:00

TEST COMMENT: 30 - IF- B.O.B. in 2 Minutes.
30 - IS- 1" Return.
45 - FF- B.O.B. instantly
45 - FS- No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1499.60	91.20	Initial Hydro-static
1	32.25	91.20	Open To Flow (1)
30	45.18	91.36	Shut-In(1)
60	238.79	91.91	End Shut-In(1)
60	46.37	91.90	Open To Flow (2)
105	54.56	93.52	Shut-In(2)
152	265.52	94.01	End Shut-In(2)
153	1433.67	94.49	Final Hydro-static

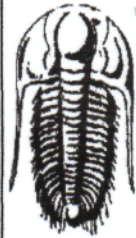
Recovery

Length (ft)	Description	Volume (bbl)
45.00	GSOCM, 10%G, 10%O, 80%M	0.22

* 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: Wyatt Urban

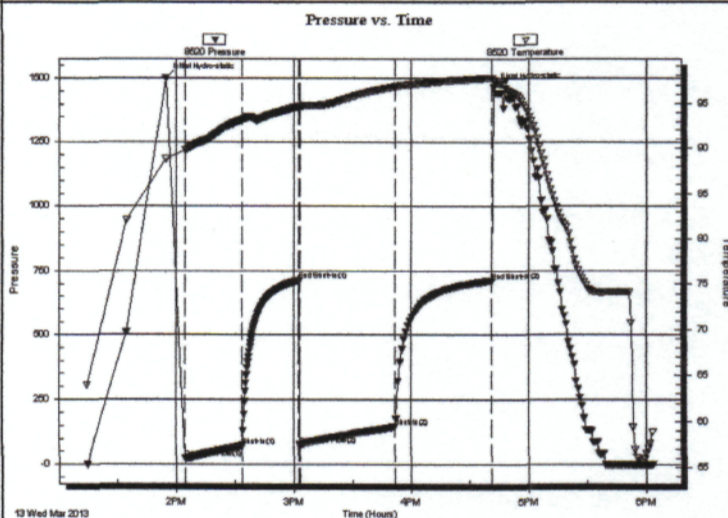
36-14s-14w Russell KS
Michel "B" #5
Job Ticket: 51688 **DST#: 3**
Test Start: 2013.03.13 @ 13:14:45

GENERAL INFORMATION:

Formation: **Lansing "G"**
Deviated: **No** Whipstock: ft (KB)
Time Tool Opened: 14:04:45
Time Test Ended: 18:03:45
Interval: **2974.00 ft (KB) To 3015.00 ft (KB) (TVD)**
Total Depth: **3015.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: Fair
Test Type: Conventional Bottom Hole (Initial)
Tester: Dustin Rash
Unit No: 66
Reference Elevations: 1744.00 ft (KB)
1739.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8520 **Outside**
Press@RunDepth: 144.47 psig @ 2977.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2013.03.13 End Date: 2013.03.13 Last Calib.: 2013.03.13
Start Time: 13:14:45 End Time: 18:03:45 Time On Btm: 2013.03.13 @ 13:54:45
Time Off Btm: 2013.03.13 @ 16:42:15

TEST COMMENT: IF-Weak building blow . BOB @ 20 minutes.
IS-No Return.
FF-Weak building blow . BOB @ 23 mintues.
FSI-No Return.



PRESSURE SUMMARY

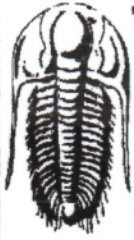
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1500.42	88.76	Initial Hydro-static
10	23.12	89.75	Open To Flow (1)
39	72.30	93.20	Shut-In(1)
69	712.23	94.61	End Shut-In(1)
69	76.49	94.52	Open To Flow (2)
117	144.47	96.77	Shut-In(2)
167	710.10	97.74	End Shut-In(2)
168	1463.93	97.43	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
252.00	90%Water/10%Mud	3.53
30.00	2%Oil/78%Water/20%Mud	0.42

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: Wyatt Urban

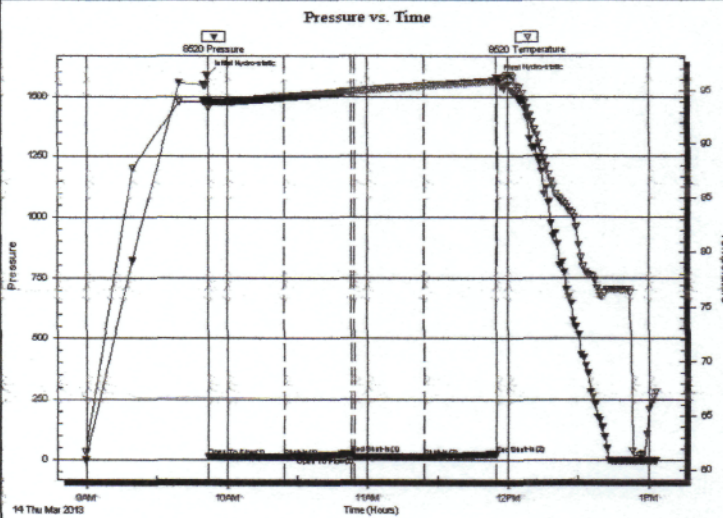
36-14s-14w Russell KS
Michel "B" #5
 Job Ticket: 51689 **DST#: 4**
 Test Start: 2013.03.14 @ 08:59:45

GENERAL INFORMATION:

Formation: **Reagan Sand**
 Deviated: **No Whipstock** ft (KB)
 Test Type: **Conventional Bottom Hole (Initial)**
 Time Tool Opened: 09:52:05
 Tester: **Dustin Rash**
 Time Test Ended: 13:03:15
 Unit No: **66**
 Interval: **3123.00 ft (KB) To 3147.00 ft (KB) (TVD)**
 Reference Elevations: **1744.00 ft (KB)**
 Total Depth: **3147.00 ft (KB) (TVD)**
1739.00 ft (CF)
 Hole Diameter: **7.88 inches** Hole Condition: **Fair**
 KB to GR/CF: **5.00 ft**

Serial #: **8520** Outside
 Press@RunDepth: **14.11 psig @ 3124.00 ft (KB)** Capacity: **8000.00 psig**
 Start Date: **2013.03.14** End Date: **2013.03.14** Last Calib.: **2013.03.14**
 Start Time: **08:59:45** End Time: **13:03:15** Time On Btm: **2013.03.14 @ 09:51:55**
 Time Off Btm: **2013.03.14 @ 11:55:15**

TEST COMMENT: IF-Weak surface blow . Died @ 3 minutes 30 seconds.
 IS-No Return.
 FF-No Blow .
 FSI-No Return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1590.30	94.09	Initial Hydro-static
1	14.63	93.35	Open To Flow (1)
33	13.69	94.38	Shut-In(1)
62	25.55	94.90	End Shut-In(1)
63	13.41	94.93	Open To Flow (2)
93	14.11	95.43	Shut-In(2)
123	24.37	95.87	End Shut-In(2)
124	1574.94	96.18	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1.00	100%Mud	0.01

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: Wyatt Urban

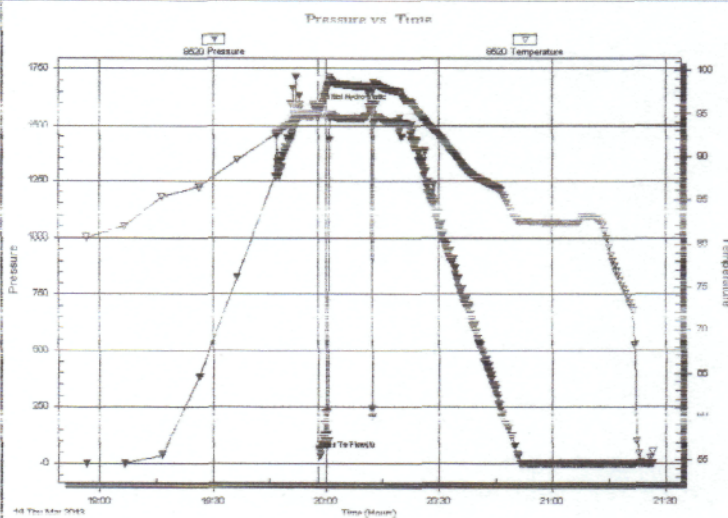
36-14s-14w Russell KS
Michel "B" #5
Job Ticket: 51690 **DST#: 5**
Test Start: 2013.03.14 @ 18:46:30

GENERAL INFORMATION:

Formation: **Regan Sand**
Deviated: **No** Whipstock: **ft (KB)**
Time Tool Opened: 19:58:00
Time Test Ended: 21:26:30
Test Type: **Conventional Bottom Hole (Initial)**
Tester: **Dustin Rash**
Unit No: **66**
Interval: **3148.00 ft (KB) To 3160.00 ft (KB) (TVD)**
Total Depth: **3160.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: **Fair**
Reference Elevations: **1744.00 ft (KB)**
1739.00 ft (CF)
KB to GR/CF: **5.00 ft**

Serial #: **8520** Outside
Press@RunDepth: **psig @ 3151.00 ft (KB)** Capacity: **8000.00 psig**
Start Date: **2013.03.14** End Date: **2013.03.14** Last Calib.: **2013.03.14**
Start Time: **18:56:30** End Time: **21:26:30** Time On Btm: **2013.03.14 @ 19:57:50**
Time Off Btm: **2013.03.14 @ 20:13:10**

TEST COMMENT: IF-Misrun



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1573.40	95.14	Initial Hydro-static
1	64.39	94.45	Open To Flow (1)
16	1590.62	98.55	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
240.00	100% Mud	3.37

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: Wyatt Urban

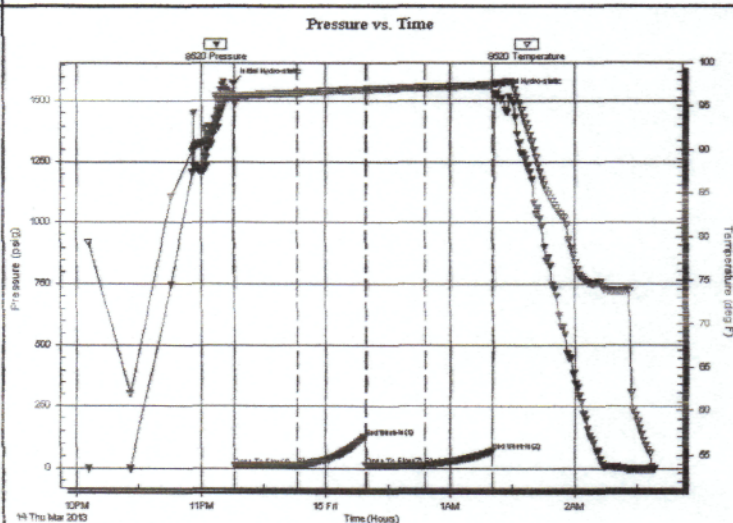
36-14s-14w Russell KS
Michel "B" #5
Job Ticket: 51691 **DST#: 6**
Test Start: 2013.03.14 @ 21:55:45

GENERAL INFORMATION:

Formation: **Regan Sand**
Deviated: **No** Whipstock: ft (KB)
Time Tool Opened: 23:15:55
Time Test Ended: 02:38:45
Test Type: Conventional Bottom Hole (Initial)
Tester: Dustin Rash
Unit No: 66
Interval: **3120.00 ft (KB) To 3160.00 ft (KB) (TVD)**
Total Depth: 3160.00 ft (KB) (TVD)
Reference Elevations: 1744.00 ft (KB)
1739.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 5.00 ft

Serial #: 8520 **Outside**
Press@RunDepth: 14.29 psig @ 3122.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2013.03.14 End Date: 2013.03.15 Last Calib.: 2013.03.15
Start Time: 22:05:45 End Time: 02:38:45 Time On Btm: 2013.03.14 @ 23:15:35
Time Off Btm: 2013.03.15 @ 01:21:45

TEST COMMENT: IF-Weak surface blow. Died @ 10 minutes.
IS-No Return.
FF-Few bubbles then died.
FSI-No Return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1573.11	96.14	Initial Hydro-static
1	10.93	95.30	Open To Flow (1)
31	14.48	96.60	Shut-In(1)
64	125.23	96.94	End Shut-In(1)
64	14.36	96.91	Open To Flow (2)
93	14.29	97.19	Shut-In(2)
125	70.54	97.44	End Shut-In(2)
127	1534.19	97.65	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbbl)
3.00	1% Oil/99% Mud	0.04

Gas Rates

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

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025

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

No. 6579

Cell 785-324-1041

Date	3-9-13	Sec.	34	Twp.	14	Range	14	County	Russell	State	KS	On Location	2:30pm	Finish	6:45pm
Lease								Location		Russell Sto Fairfield NO 1/4 E Sect					
Michel B								Well No.		5					
Contractor								Southwind 3							
Type Job								Surface							
Hole Size								T.D.		473					
Csg.								Depth		463.12					
Tbg. Size								Depth		Street					
Tool								Depth		Mai Oil					
Cement Left In Csg.								Shoe Joint		The above was done to satisfaction and supervision of owner agent or contractor.					
200#								20 FT		Cement Amount Ordered					
Meas Line								Displace		250 60/40 30/6 CC					
28.0 BDL								29% gel							
EQUIPMENT															
Pumptrk		5		No.		Cementer		Michel B		Common		150			
						Helper				Poz. Mix		100			
Bulktrk		10		No.		Driver		Brett P		Gel.		5			
						Driver				Calcium		10			
Bulktrk		pu		No.		Driver		Heath P		Hulls					
						Driver				Salt					
JOB SERVICES & REMARKS															
Remarks:								Michel B-5							
Rat Hole								Flowseal							
Mouse Hole								Kol-Seal							
Centralizers								Mud CLR 48							
Baskets								CFL-117 or GD110 CAF 38							
D/V or Port Collar								Sand							
Cement not to Circulate								Handling		265					
								Mileage							
FLOAT EQUIPMENT															
								Guide Shoe							
								Centralizer							
								Baskets							
								AFU Inserts							
								Float Shoe							
								Latch Down							
								Wood plug							
								Pumptrk Charge							
								p Surface							
								Mileage		8					
								Tax							
								Discount							
								Total Charge							
X Signature								Don Harris							

ALLIED OIL & GAS SERVICES, LLC 056809

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:
RUSSELL

DATE <u>3-15-13</u>	SEG <u>36</u>	TWP <u>14E</u>	RANGE <u>14E</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE <u>Michael B</u>	WELL # <u>#5</u>	LOCATION <u>Russell</u>	<u>5^E-1²-5 INTO</u>	COUNTY <u>Russell</u>	STATE <u>KS</u>		

CONTRACTOR Southwind #3

TYPE OF JOB PTA

HOLE SIZE 7 7/8 I.D.

CASING SIZE 8 7/8 DEPTH 473

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT

OWNER

CEMENT AMOUNT ORDERED 140 SK 69/40 49.66

COMMON	<u>87</u>	@	<u>17.90</u>	<u>1557.30</u>
FOZMIX	<u>58</u>	@	<u>9.35</u>	<u>542.30</u>
GEL	<u>5</u>	@	<u>23.40</u>	<u>117.00</u>
CHLORIDE		@		
ASC		@		
HANDLING	<u>153.38</u>	@	<u>2.48</u>	<u>380.27</u>
MILEAGE	<u>51.85</u>	T/m	<u>2.6</u>	<u>134.89</u>
				TOTAL <u>2731.75</u>

EQUIPMENT

PUMP TRUCK CEMENTER Bob S.

409 HELPER Kevin

BULK TRUCK DRIVER DANNY

473

BULK TRUCK DRIVER

REMARKS:

Plug 1 @ 710 FT 25 SK

Plug 2 @ 520 FT 80 SK

Plug 3 @ 40 FT 10 SK

RAT HOLE 30 SK

THANKS!

SERVICE

DEPTH OF JOB	<u>710 FT</u>
PUMP TRUCK CHARGE	<u>2600.47</u>
EXTRA FOOTAGE	@
MILEAGE <u>Hourly</u>	<u>8</u> @ <u>7.17</u> <u>61.60</u>
MANIFOLD <u>LOLV</u>	<u>8</u> @ <u>4.4</u> <u>35.20</u>

CHARGE TO: MAI

STREET _____

CITY _____ STATE _____ ZIP _____

TOTAL 2697.27

PLUG & FLOAT EQUIPMENT

<u>8 7/8 wooden Plug</u>	@	<u>107.64</u>
	@	
	@	
	@	

TOTAL 107.64

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): _____

TOTAL CHARGES 5536.66

DISCOUNT 1937.83 IF PAID IN 30 DAYS

before tax net 3598.83

PRINTED NAME Jay Kriet

SIGNATURE Jay Kriet