



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1076959
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: _____

1076959

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> _____
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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> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Mai Oil Operations, Inc.
Well Name	Haberer 'A' 4
Doc ID	1076959

Tops

Name	Top	Datum
Anhydrite	701	+935
Tarkio Lime	2273	-637
Topeka	2530	-894
Heebner	2749	-1112
Toronto	2767	-1131
Lansing	2800	-1164
Base Kansas City	3051	-1415
Arbuckle	3081	-1445

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
Haberer 'A' #4
SE-SE-NW-SE (1450' FSL & 1375' FEL)
Section 14-12s-15w
Russell County, Kansas
Page 1

5 1/2" Production Casing Set

Contractor: Southwind Drilling Co (Rig #3)
Commenced: January 17, 2012
Completed: January 25, 2012
Elevation: 1636' K.B; 1634' D.F; 1628' G.L.
Casing program: Surface; 8 5/8" @ 705'
Production; 5 1/2" @ 3159'
Sample: Samples saved and examined 2200' to the Rotary Total Depth.
Drilling time: One (1) foot drilling time recorded and kept 2200' to the Rotary Total Depth.
Measurements: All depths measured from the Kelly Bushing.
Drill Stem Tests: There were five (5) Drill Stem Tests ran by Trilobite Testing.
Electric Log: By Superior Well Services; DIL, CDL/CNL, Micro.

<u>Formation</u>	<u>Log Depth</u>	<u>Sub-Sea Datum</u>
Anhydrite	701	+935
Base Anhydrite	736	+900
Tarkio	2273	-637
Elmont	2333	-697
Topeka	2530	-894
Heebner	2748	-1112
Toronto	2767	-1131
Lansing	2800	-1164
Base Kansas City	3051	-1415
Arbuckle	3081	-1445
Rotary Total Depth	3160	-1524
Log Total Depth	3160	-1524

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

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

TARKIO SECTION

2210-2219' No samples, log indicates possible gas
2231-2248' Sand; clear, gray, very fine grained, sub rounded, sub angular, friable, micaceous, trace gas bubbles. (Good gas effect in electric logs)

2886-2892' Limestone; cream, tan, fossiliferous, oolitic, chalky, few scattered porosity, trace brown stain, slightly show of free oil and faint odor in fresh samples.

Drill Stem Test #2 2863-2893'

Times: 30-30-45-60

Blow: Strong

**Recovery: 360' gas in pipe
 90' heavy oil cut mud
 (35% oil, 65% mud)**

**Pressures: ISIP 163 psi
 FSIP 207 psi
 IFP 17-37 psi
 FFP 35-51 psi
 HSH 1406-1375 psi**

2896-2905' Limestone; cream, highly oolitic, chalky, few sub oomoldic, fair oomoldic porosity, trace spotty brown stain, show of free oil and very faint odor in fresh samples.

2934-2941' Limestone; cream, light gray, finely crystalline, slightly chalky, poorly developed porosity, no shows, plus light gray boney chert.

2951-2965' Limestone; cream, white, oolitic, chalky, finely crystalline, fossil cast porosity, golden brown stain, spotty stain, show of free oil and very faint odor in fresh samples.

2984-2991' Limestone; cream, oomoldic, fair oomoldic porosity, brown stain, trace free oil and faint to fair odor in fresh samples.

3013-3020' Limestone; cream, highly oolitic, chalky in part, intercrystalline type porosity, brown stain, show of free oil and faint odor in fresh samples.

Drill Stem Test #3 2948-3025'

Times: 30-30-x-x

Blow: Weak

Recovery: 10' oil spotted mud

**Pressures: ISIP 260 psi
 FSIP x psi
 IFP 19-21 psi
 FFP x psi
 HSH 1505-1425 psi**

3040-3050' Limestone; cream, light gray, white, finely crystalline, chalky in part, poorly developed porosity, no shows.

ARBUCKLE SECTION

- 3081-3090' Dolomite; cream, buff, fine and medium crystalline, slightly sucrosic, fair intercrystalline porosity, black and brown stain, show of free oil and faint odor in fresh samples.
- 3090-3096' Dolomite; as above, slightly oolitic.

Drill Stem Test #4 3050-3096'

Times: 30-30-30-30

Blow: Weak

Recovery: 30' clean oil
15' oil cut mud
(15% oil, 85% mud)

Pressures: ISIP 871 psi
FSIP 801 psi
IFP 19-26 psi
FFP 31-38 psi
HSH 1502-1481 psi

- 3096-3104' Dolomite; tan, cream, fine to medium crystalline, slightly oolitic, scattered vuggy and intercrystalline type porosity, black stain and saturation, show of free oil and faint odor in fresh samples.

Drill Stem Test #5 3050-3104'

Times: 30-45-45-60

Blow: Weak

Recovery: 45' clean oil
40' oil cut mud
(10% oil, 90% mud)

Pressures: ISIP 977 psi
FSIP 930 psi
IFP 17-31 psi
FFP 32-47 psi
HSH 1506-1462 psi

- 3104-3120' Dolomite; cream, tan, fine and medium crystalline, fair porosity, brown and black stain, show of free oil and faint to fair odor in fresh samples.
- 3120-3140' Dolomite; cream, finely crystalline, slightly cherty, dense, trace black stain, no free oil, no odor.
- 3140-3150' Dolomite; white, cream, finely crystalline, scattered porosity, brown and black stain, trace of free oil and faint odor, plus white boney chert.
- 3150-3160' Dolomite; cream, finely crystalline, dense poor porosity, trace stain, no free oil and no odor, plus white boney chert.

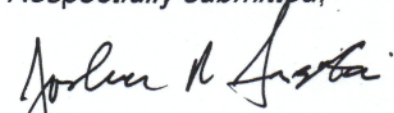
Mai Oil Operations
Haberer 'A' #4
SE-SE-NW-SE (1450' FSL & 1375' FEL)
Section 14-12s-15w
Russell County, Kansas
Page 5

Rotary Total Depth **3160**
Log Total Depth **3160**

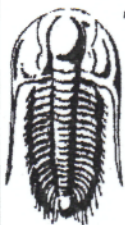
Recommendations:

5 ½" production casing was set and cemented in the Haberer "A" #40

Respectfully submitted;



Joshua R. Austin,
Petroleum Geologist



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Mai Oil Operations
8411 Preston RD STE
800 Dallas TX 75225
ATTN: Josh Austin

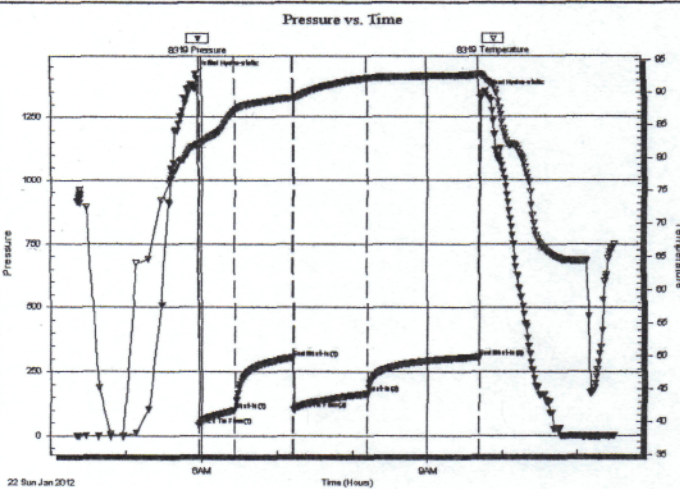
14-12-15, Russell, Ks
Haberer A #4
Job Ticket: 46851 **DST#: 1**
Test Start: 2012.01.22 @ 04:20:43

GENERAL INFORMATION:

Formation: **KC "A-C"**
Deviated: **No** Whipstock: ft (KB)
Time Tool Opened: 05:57:13
Time Test Ended: 11:30:43
Interval: **2804.00 ft (KB) To 2850.00 ft (KB) (TVD)**
Total Depth: **2850.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: Fair
Test Type: **Conventional Bottom Hole (Initial)**
Tester: **Brett Dickinson**
Unit No: **#59**
Reference Elevations: **1636.00 ft (KB)**
1628.00 ft (CF)
KB to GR/CF: **8.00 ft**

Serial #: 8319 **Outside**
Press@RunDepth: **164.69 psig @ 2805.00 ft (KB)** Capacity: **8000.00 psig**
Start Date: **2012.01.22** End Date: **2012.01.22** Last Calib.: **2012.01.22**
Start Time: **04:20:48** End Time: **11:30:42** Time On Btm: **2012.01.22 @ 05:55:13**
Time Off Btm: **2012.01.22 @ 09:43:43**

TEST COMMENT: IF-BOB in 1.5min
ISI-1in blow
FF-BOB in 2min
FSI-2in blow



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1420.56	81.94	Initial Hydro-static
2	41.32	81.97	Open To Flow (1)
31	99.85	87.31	Shut-In(1)
77	303.96	89.16	End Shut-In(1)
78	102.63	89.13	Open To Flow (2)
136	164.69	92.22	Shut-In(2)
226	307.47	92.70	End Shut-In(2)
229	1343.04	92.67	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
175.00	VSOCW 5%O 95%W	1.36
125.00	GMMCO 40%G 30%O 20%W 10%M	1.75
40.00	Mud	0.56
0.00	300ft GIP	0.00

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
 ATTN: Josh Austin

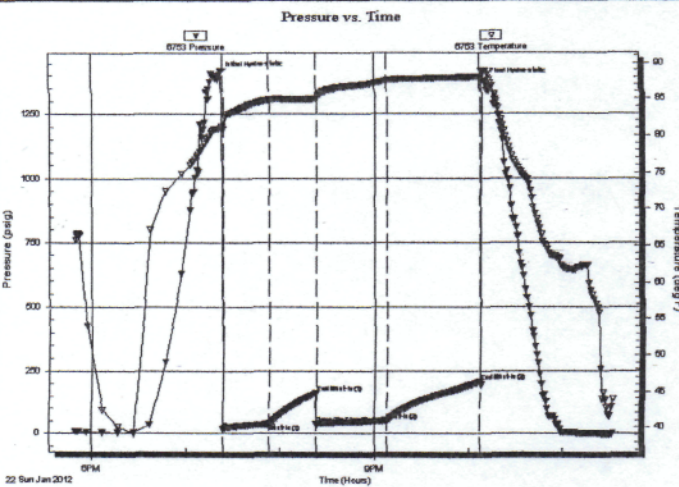
14-12-15, Russell, Ks
Haberer A #4
 Job Ticket: 46852 **DST#: 2**
 Test Start: 2012.01.22 @ 17:50:14

GENERAL INFORMATION:

Formation: **KC "E-F"**
 Deviated: **No** Whipstock: **ft (KB)** Test Type: **Conventional Bottom Hole (Reset)**
 Time Tool Opened: **19:23:44** Tester: **Brett Dickinson**
 Time Test Ended: **23:32:44** Unit No: **#59**
 Interval: **2863.00 ft (KB) To 2893.00 ft (KB) (TVD)** Reference Elevations: **1636.00 ft (KB)**
 Total Depth: **2893.00 ft (KB) (TVD)** **1628.00 ft (CF)**
 Hole Diameter: **7.88 inches** Hole Condition: **Fair** KB to GR/CF: **8.00 ft**

Serial #: 6753 **Inside**
 Press@RunDepth: **50.79 psig @ 2864.00 ft (KB)** Capacity: **8000.00 psig**
 Start Date: **2012.01.22** End Date: **2012.01.22** Last Calib.: **2012.01.22**
 Start Time: **17:50:19** End Time: **23:32:43** Time On Btm: **2012.01.22 @ 19:21:44**
 Time Off Btm: **2012.01.22 @ 22:10:14**

TEST COMMENT: IF-BOB in 9.5min
 IS- No blow
 FF-BOB in 7min
 FS- No blow

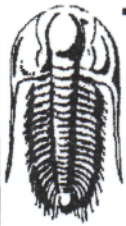


PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1406.09	80.99	Initial Hydro-static
2	17.47	80.84	Open To Flow (1)
32	37.09	84.84	Shut-In(1)
61	162.59	85.01	End Shut-In(1)
62	37.68	85.00	Open To Flow (2)
106	50.79	87.50	Shut-In(2)
166	206.66	87.97	End Shut-In(2)
169	1374.66	88.90	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
90.00	OCM 35%O 65%M	0.44
0.00	360ft GIP	0.00

* 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
 ATTN: Josh Austin

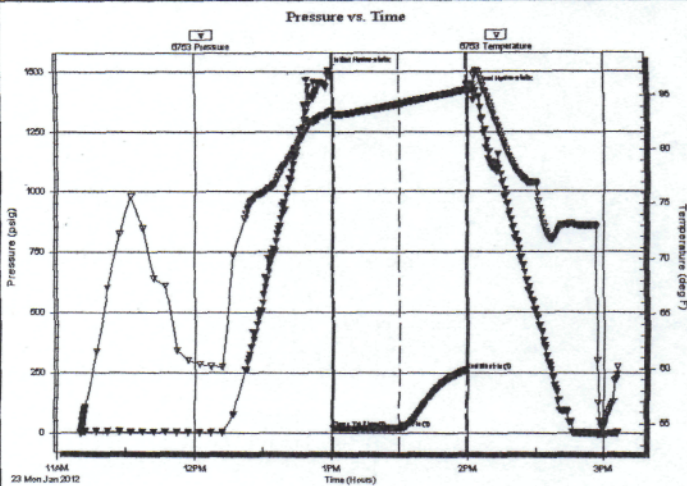
14-12-15, Russell, Ks
Haberer A #4
 Job Ticket: 46853 **DST#: 3**
 Test Start: 2012.01.23 @ 11:10:13

GENERAL INFORMATION:

Formation: **KC "I-K"**
 Deviated: **No Whipstock** ft (KB)
 Test Type: **Conventional Bottom Hole (Reset)**
 Time Tool Opened: **13:00:43**
 Tester: **Brett Dickinson**
 Time Test Ended: **15:06:13**
 Unit No: **#59**
 Interval: **2948.00 ft (KB) To 3025.00 ft (KB) (TVD)**
 Reference Elevations: **1636.00 ft (KB)**
 Total Depth: **3025.00 ft (KB) (TVD)**
1628.00 ft (CF)
 Hole Diameter: **7.88 inches** Hole Condition: **Fair**
 KB to GR/CF: **8.00 ft**

Serial #: 6753 Inside
 Press@RunDepth: **20.92 psig @ 2949.00 ft (KB)** Capacity: **8000.00 psig**
 Start Date: **2012.01.23** End Date: **2012.01.23** Last Calib.: **2012.01.23**
 Start Time: **11:10:18** End Time: **15:06:13** Time On Btm: **2012.01.23 @ 12:58:43**
 Time Off Btm: **2012.01.23 @ 14:01:43**

TEST COMMENT: IF-1/2in blow died back to 1/4in
 IS-No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1504.96	83.47	Initial Hydro-static
2	18.78	83.24	Open To Flow (1)
31	20.92	84.22	Shut-In(1)
61	259.62	85.50	End Shut-In(1)
63	1424.54	85.73	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	oilspotted mud	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
 8411 Preston RD STE
 800 Dallas TX 75225
 ATTN: Josh Austin

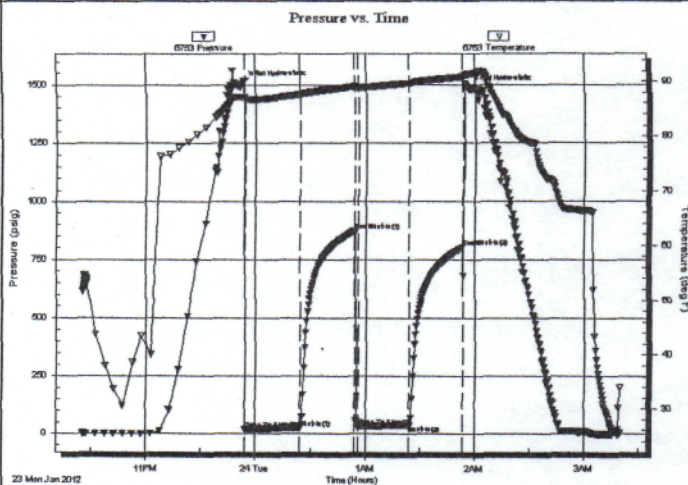
14-12-15, Russell, Ks
Haberer A #4
 Job Ticket: 46854 **DST#: 4**
 Test Start: 2012.01.23 @ 22:25:39

GENERAL INFORMATION:

Formation: **Arb.**
 Deviated: **No** Whipstock: **ft (KB)**
 Time Tool Opened: 23:54:09
 Time Test Ended: 03:19:39
 Test Type: **Conventional Bottom Hole (Reset)**
 Tester: **Brett Dickinson**
 Unit No: **#59**
 Interval: **3050.00 ft (KB) To 3096.00 ft (KB) (TVD)**
 Reference Elevations: **1636.00 ft (KB)**
1628.00 ft (CF)
 Total Depth: **3096.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Fair**
 KB to GRVCF: **8.00 ft**

Serial #: 6753 **Inside**
 Press@RunDepth: **38.37 psig @ 3051.00 ft (KB)** Capacity: **8000.00 psig**
 Start Date: **2012.01.23** End Date: **2012.01.24** Last Calib.: **2012.01.24**
 Start Time: **22:25:44** End Time: **03:19:38** Time On Btm: **2012.01.23 @ 23:52:39**
 Time Off Btm: **2012.01.24 @ 01:56:39**

TEST COMMENT: IF-4in blow
 IS- No blow
 FF-1in blow
 FS- No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1501.96	87.12	Initial Hydro-static
2	19.28	86.34	Open To Flow (1)
32	26.45	87.60	Shut-In(1)
61	871.12	89.06	End Shut-In(1)
63	31.07	88.85	Open To Flow (2)
91	38.37	89.70	Shut-In(2)
121	801.08	90.83	End Shut-In(2)
124	1480.71	91.38	Final Hydro-static

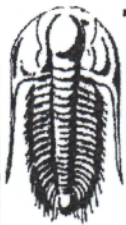
Recovery

Length (ft)	Description	Volume (bbl)
30.00	GO 10%G 90%O	0.42
15.00	OCM 15%O 85%M	0.21

* 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
ATTN: Josh Austin

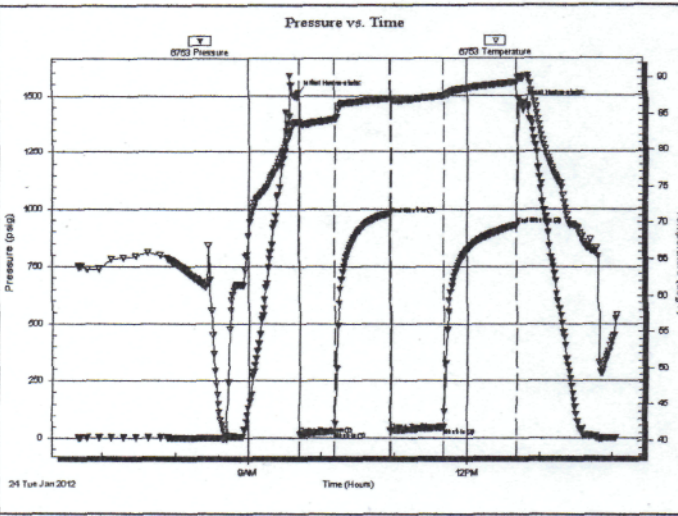
14-12-15, Russell, Ks
Haberer A #4
Job Ticket: 46855 **DST#: 5**
Test Start: 2012.01.24 @ 06:40:41

GENERAL INFORMATION:

Formation: **Arb.**
Deviated: **No** Whipstock: **ft (KB)**
Time Tool Opened: 09:41:41
Time Test Ended: 14:03:41
Test Type: **Conventional Bottom Hole (Reset)**
Tester: **Brett Dickinson**
Unit No: **#59**
Interval: **3050.00 ft (KB) To 3104.00 ft (KB) (TVD)**
Reference Elevations: **1636.00 ft (KB)**
Total Depth: **3104.00 ft (KB) (TVD)** **1628.00 ft (CF)**
Hole Diameter: **7.88 inches** Hole Condition: **Fair** **KB to GR/CF: 8.00 ft**

Serial #: 6753 Inside
Press@RunDepth: **47.31 psig @ 3051.00 ft (KB)** Capacity: **8000.00 psig**
Start Date: **2012.01.24** End Date: **2012.01.24** Last Calib.: **2012.01.24**
Start Time: **06:40:46** End Time: **14:03:40** Time On Btm: **2012.01.24 @ 09:40:11**
Time Off Btm: **2012.01.24 @ 12:44:41**

TEST COMMENT: IF-4.25in blow
ISI-No blow
FF-2.25in blow
FSI-No blow



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1505.67	83.88	Initial Hydro-static
2	17.03	83.57	Open To Flow (1)
31	30.52	84.35	Shut-In(1)
76	976.67	87.14	End Shut-In(1)
77	32.33	86.86	Open To Flow (2)
120	47.31	87.51	Shut-In(2)
181	929.87	89.34	End Shut-In(2)
185	1462.15	89.88	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
45.00	GO 10%G 90%O	0.63
40.00	OCM 10%O 90%M	0.56

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

* Recovery from multiple tests

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. 351

Date	1-18-12	Sec.	14	Twp.	12	Range	15	County	RUSSELL	State	KANSAS	On Location		Finish	7:30
Lease	HABERER "A"			Well No.	#4			Location							
Contractor	SOUTHWIND DRILLING & RIG #3							Owner							
Type Job	LONG 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.	705			Charge To							
Csg.	8 5/8			Depth	703			MAI OIL OPERATIONS							
Tbg. Size				Depth				Street							
Tool				Depth				8411 PEGSTON RD. STE 800							
Cement Left in Csg.				Shoe Joint	13'			City							
Meas Line				Displace	44 BLS			DALLAS State TX							
												The above was done to satisfaction and supervision of owner agent or contractor.			
												Cement Amount Ordered			
												3005x 6 7/8 3#2			

EQUIPMENT

Pumptrk	15	No.	Cement Helper	DAVE	Common	180
Bulktrk	10	No.	Driver	BRIAN	Poz. Mix	120
PK 44		No.	Driver	CISCO	Gel.	6
					Calcium	11

JOB SERVICES & REMARKS

Remarks:	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
ESTABLISHED CIRCULATION	Handling 317
PUMPED 5BL H ₂ O AHEAD OF CEMENT	Mileage

FLOAT EQUIPMENT

STARTED Cem. 14.2	Guide Shoe
TAIL @ 14.3.15	Centralizer
CEMENT DID CIRCULATE	Baskets
	AFU Inserts
	Float Shoe
	Latch Down
THANK YOU	
	Pumptrk Charge
	Mileage
	Longi Surface
	14

X Signature <i>[Signature]</i>	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. 571

Date	1-25-12	Sec.	14	Twp.	12	Range	15	County	Russell	State	Ks	On Location		Finish	9:00AM	
Lease	Haberes "A"			Well No.	4			Location Russell, Ks - 7 N to Mellard Rd,								
Contractor	Southwind #3							Owner	7W, N/S							
Type Job	Production							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.	3160'			Charge To								
Csg.	5 1/2" 14 # New			Depth	3157'			Mai oil operations								
Tbg. Size				Depth				Street 8411 Preston Rd Ste 800								
Tool				Depth				City Dallas State Tx 75225								
Cement Left in Csg.	21'			Shoe Joint	21'			The above was done to satisfaction and supervision of owner agent or contractor.								
Meas Line				Displace	76 1/2 BLS			Cement Amount Ordered 100 SX 50/50 18% Salt 2% Gel 4# F.S.								
EQUIPMENT								100 SX 60/40 10% Salt, 2% Gel 4# F.S. 1000 gal mud Clear 48								
Pumptrk	15	No.	Cementer	Cisto				Common	110							
Bulktrk	8	No.	Driver	Mike				Poz. Mix	90							
Bulktrk	14	No.	Driver	Cory Rick				Gel.	4							
JOB SERVICES & REMARKS								Calcium								
Remarks:	Hulls															
Rat Hole	30 SX															
Mouse Hole	30 SX															
Centralizers	1, 2, 3, 5, 6, 7, 8, 9, 11															
Baskets	11															
D/V or Port Collar	CFL-117 or CD110 CAF 38															
pipe on bottom, break Circulation pump 500 gal Mud Clear 48 plug Rathole w/ 30 SX mix 70 SX 50/50 18% Salt 2% Gel 4# F.S. tailed in by 100 60/40 10% Salt 2% Gel 4# F.S. shut down wash pump + lines. Released plug + displaced with 76 1/2 BLS of water. Released + held,								Sand								
								Handling 22.9								
								Mileage								
								FLOAT EQUIPMENT								
								Guide Shoe								
								Centralizer 10 turbos								
								Baskets 1 - weatherfo weatherford								
								AFU Inserts								
								Float Shoe 1								
								Latch Down 1								
								Pumptrk Charge								
								Mileage 14 Prod Long String								
								Tax								
								Discount								
								Total Charge								

x

[Signature]

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

March 21, 2012

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

Re: ACO1
API 15-167-23759-00-00
Haberer 'A' 4
SE/4 Sec.14-12S-15W
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