



KANSAS CORPORATION COMMISSION 1064145
OIL & GAS CONSERVATION DIVISION

Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 5259
Name: Mai Oil Operations, Inc.
Address 1: 8411 PRESTON RD STE 800
Address 2: _____
City: DALLAS State: TX Zip: 75225 + 5520
Contact Person: Allen Bangert
Phone: (214) 219-8883
CONTRACTOR: License # 33350
Name: Southwind Drilling, Inc.
Wellsite Geologist: Steven P. Murphy
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
 Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
 Commingled Permit #: _____
 Dual Completion Permit #: _____
 SWD Permit #: _____
 ENHR Permit #: _____
 GSW Permit #: _____

05/19/2011	05/27/2011	05/27/2011
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-009-25549-00-00

Spot Description: _____
NW SE NW SW Sec. 29 Twp. 17 S. R. 14 East West
1687 Feet from North / South Line of Section
750 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: Barton

Lease Name: Schenk Trust Well #: 1

Field Name: _____

Producing Formation: Lansing

Elevation: Ground: 1910 Kelly Bushing: 1918

Total Depth: 3475 Plug Back Total Depth: 3440

Amount of Surface Pipe Set and Cemented at: 901 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: 68000 ppm Fluid volume: 80 bbls

Dewatering method used: Evaporated

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

- Letter of Confidentiality Received
Date: 09/27/2011
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: Deanna Garrison Date: 09/30/2011



1064145

Operator Name: Mai Oil Operations, Inc. Lease Name: Schenk Trust Well #: 1
 Sec. 29 Twp. 17 S. R. 14 East West County: Barton

INSTRUCTIONS: Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: CNDL, DIL, Micro	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input checked="" type="checkbox"/> Sample Name Top Datum Attached Attached Attached
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CASING RECORD <input checked="" 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
Surface	12.25	8.6250	23	901	60-40 POZ	350	2 % Gel, 3% CC
Production	7.875	5.5	14	3473	60-40 POZ	160	

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing				
___ Plug Back TD	-			
___ Plug Off Zone	-			

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
3	3352-56, 3322-26, 3298-3304,	2500 Gal 20% NE HCL	
	3234-38, 3164-68	4750 Gal 20% CRANE HCL	

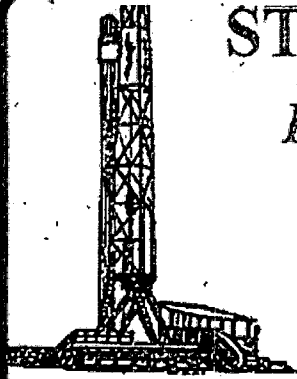
TUBING RECORD: Size: <u>2 7/8"</u> Set At: <u>3198</u> Packer At: <u>3198</u> Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. <u>07/15/2011</u>	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____
Estimated Production Per 24 Hours	Oil Bbls. <u>25</u> Gas Mcf _____ Water Bbls. <u>10</u> Gas-Oil Ratio _____ Gravity _____

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input checked="" type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" 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 (Specify) _____	PRODUCTION INTERVAL: <u>3164-68'</u>
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Form	ACO1 - Well Completion
Operator	Mai Oil Operations, Inc.
Well Name	Schenk Trust 1
Doc ID	1064145

Tops

Name	Top	Datum
Anhydrite	900	+1018
Base Anhydrite	923	+995
Topeka	2856	-938
Heebner	3090	-1172
Toronto	3103	-1185
Brown lime	3153	-1235
Lansing	3164	-1246
Base Kansas City	3380	-1462
Arbuckle	3398	-1480



STEVEN P. MURPHY, P.G.

Petroleum Geologist (KS #228)

Cell 620.639.3030

Fax 785.387.2400

RR#1, Box 69
Otis, Kansas 67565
geomurphy@gbta.net

Scale 1:240 (5"=100') Imperial
Measured Depth Log

Well Name: Schenk Trust #1
Location: Barton County
License Number: API #15-009-25549-00-00
Spud Date: 5/19/11
Surface Coordinates: 1687' FSL & 750' FWL (Approx. NW SE NW SW)
Section 29-Township 17 South-Range 14 West
Bottom Hole Coordinates: Vertical well with minimal deviation, same as above
Ground Elevation (ft): 1910'
Logged Interval (ft): 2700' To: TD
Formation: Topeka thru Arbuckle
Type of Drilling Fluid: Chemical - Andy's (Mud Engineer - Dennis Rector)

Region: Kansas
Drilling Completed: 5/27/11

K.B. Elevation (ft): 1918'
Total Depth (ft): RTD -3475'

Printed by STRIP.LOG from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: Mal Oil Operations, Inc.
Address: 8411 Preston Rd
Suite 800
Dallas, TX 75225-5520

GEOLOGIST

Name: Steven P. Murphy, PG
Company: Consulting Petroleum Geologist (KS License #228)
Address: 3365 County Rd 390
Otis, KS 67565
Cell Phone No: 620-639-3030

LogTops (Datum)

The open-hole logging was performed by Jeff Lubbers with Superior Well Services (Hays, KS shop). Logs included Compensated Neutron/Compensated Density, Dual Induction & Microlog.

Formation tops and datums from the open-hole logs include the following:

Anhydrite - 900 (+1018)
Topeka - 2853 (-935)
Heebner - 3089 (-1171)
Toronto - 3101 (-1183)
Douglas - 3114 (-1196)
Br. Lime - 3151 (-1233)
Lansing - 3164 (-1246)
Muncie Crk - 3292 (-1374)
BKC - 3379 (-1461)
Arbuckle - 3398 (-1480)

DRILL STEM TESTS #1-3

The following drillstem tests were performed by Brett Dickenson w/Trilobite Testing from the Hays, KS shop:

DST #1 3160-3194 (LKC A-C)

45:45:30:45

IF: BOB 1 min, BOB 7 min (GTS Immed)

FF: BOB 2 min, BOB 9 min

Rec: 325' GO (40% G, 60% O),

60' SMGO (25% G, 65% O, 10% M)

IHP: 1550 FHP: 1484

IFP: 20-88 ISIP: 580

FFP: 92-138 FSIP: 577

Oil Gravity - 37

BHT - 105

DST #2 3216-3250 (LKC E, F & G)

45:45:45:45

IF: 3" blow, no return

FF: 3/4" blow, no return

Rec: 70' GIP, 20' SOCM (10% O, 90% M),

30' OSWCM (24% W, 75%M)

IHP: 1551 FHP: 1504

IFP: 14-25 ISIP: 630

FFP: 27-37 FSIP: 626

BHT: 102 F

Chlorides: 72,000 ppm

DST #3 3284-3330 (LKC H & I)

IF: BOB in 6-1/2 min, Wk surf return, died in 11 min

FF: BOB in 28 min, no return

Rec: 5' GO (15% G, 85% O), 385' MSMCW

(95% W, 5% M)

IHP: 1610 FHP: 1480

IFP: 30-145 ISIP: 601

FFP: 131-200 FSIP: 568

BHT: 106 F

Oil Gravity - 36

Chlorides: 66,000 ppm

DRILL STEM TESTS #4-5

DST #4 3350-3366 (LKC K)
 30:30:30:30
 IF: 4" blow, no return
 FF: 2-1/2" blow, no return
 Rec: 10' SGO (10% G, 90% O),
 25' VSOWCM (5% O, 20% W, 75% M)
 IHP: 1643 FHP: 1587
 IFP: 16-21 ISIP: 262
 FFP: 20-27 FSIP: 241
 BHT: 106 F
 Chlorides: 70,000 ppm

DST #5 3378-3410 (Arbuckle)
 30:30:30:30
 IF: 1/2 in blow, no return
 Wk surf blow died in 12 min, no return
 Rec: 1' FO, 5' VSOCM (5% O, 95% M)
 IHP: 1656 FHP: 1595
 IFP: 15-15 ISIP: 52
 FFP: 16-17 FSIP: 31
 BHT: 99 F

COMMENTS





















The Schenk Trust #1 was drilled by Southwind Drilling Rig #3(Tool pusher Jay Krier).

Based on the results of DST's and log & sample analysis, it was recommended that casing be set to produce the Lansing-Kansas City "A" zone. Other zones in the LKC appear to also have productive potential.

Respectfully submitted,

Steven P. Murphy, PG
 Consulting Petroleum Geologist
 (KS Licence #228)

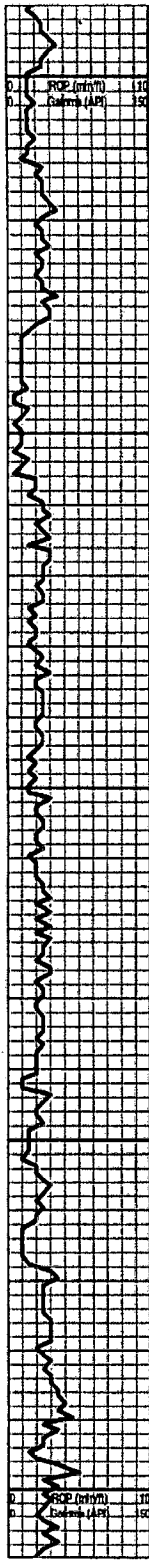
ROCK TYPES

 Anhy	 Coal	 Lmst	 Shcol
 Bent	 Congl	 Meta	 Shgy
 Brec	 Dol	 Mrlst	 Sltst
 Cht	 Gyp	 Salt	 Ss
 Clyst	 Igne	 Shale	 Till

OTHER SYMBOLS

OIL SHOW	 Dead	INTERVAL	EVENT
 Even	 Gas	 Core	 Conn
 Spotted		 Dst	 Rft
 Ques			 Sidewall

Curve Track 1 ROP (min/ft) ——— Gamma (API) ———	Depth Lithology Oil Shows	Geological Descriptions	REMARKS
<p>ROP (min/ft) Gamma (API)</p> <p>Scale Change ROP (min/ft) Gamma (API)</p> <p>2650</p> <p>2700</p> <p>2750</p>			<p>The following are sample formation tops & associated datums (with KB of 1918'). Please refer to the main header for electric log tops & datums:</p> <p>Top Anhydrite: 900 (+1 018) Base Anhydrite: 923 (+995)</p> <p>NOTES:</p> <p>8-5/8" Surface casing set @ 501' w/250 sacks cement Deviation survey @ 501' - 1-1/4 degrees Geologist on location @ 12:30 PM on 5/23/11 @ depth of 2760'</p>



SH: gry

LS: crm-tan-gry, vhdn, dense, foss, sl chalky, NS

LS: crm-tan-gry, vhdn, dense, foss, sl chalky, NS

LS: crm-tan-gry, vhdn, dense, foss, sl chalky, NS

LS: wh-tan-gry, vhdn, dense, foss, chalky, NS

LS: wh-tan-gry, vhdn, dense, foss, chalky, NS

LS: wh-tan-gry, tdn, dense, foss, modifd, chalky, NS

SH: blk

SH: gry-maroon

LS: crm-tan, bdn, foss, fr ltrdn por, asfo, fr sh, sl odor

LS: crm-tan, vhdn, sl foss, chalky, dense, NS

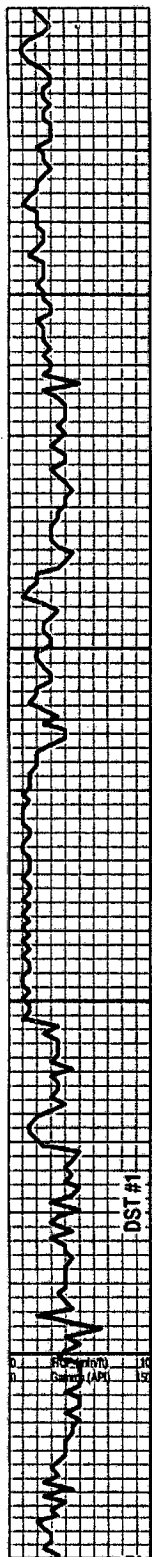
LS: crm-tan, vhdn, sl foss, chalky, dense, NS

LS: crm-tan, vhdn, foss, sl chalky, dense, NS

SH: blk-gry

LS: crm-tan, vhdn, v foss, chalky, dense, NS

TOPEKA 2856 (-938)



LS: crm-gry, bdn, v. loss, oolitic in pt, chally, NS

○ LS: crm-tan, vln, loss, dense, spt str, nsto, v sl odor

● LS: crm-tan, bdn, oolitic, lgd inln por, ssto, even str, sl odor

○ LS: crm-tan, vln, mostly dense, rare fr inln por, ssto, spt str, sl odor

LS: crm-tan, vln, dense, spt str, nsto, sl odor

LS: crm-tan, vln, dense, spt str, nsto, sl odor

LS: crm-tan, vln, dense, spt str, nsto, sl odor

SH: blk

SH gry-gr-red

● LS: crm-gry, bdn, fr inln por, ssto, even str, sl odor

SH: gry-red

SH: gry-red

SH: gry-red

○ LS: brn, vln, dense, nsto, fr str, no odor

● LS: crm-tan, bdn, fr-gd vug por, fsto, sat str, fr odor

● LS: crm-tan, bdn, loss, oolitic in pt, pr-fr inln/vug por, fsto, even str, fr odor

● LS: crm-tan, bdn, loss, oolitic in pt, pr-fr inln/vug por, fsto, even str, fr odor

LS: wh-gry, vln, dense, NS

LS: wh-gry, vln, dense, NS

SH: gry

● LS: wh-gry, bdn, loss & oolitic, gd vug por, fsto, even str, fr odor

HEEBNER 3090 (-1172)

TORONTO 3103 (-1185)

DOUGLAS 3114 (-1196)

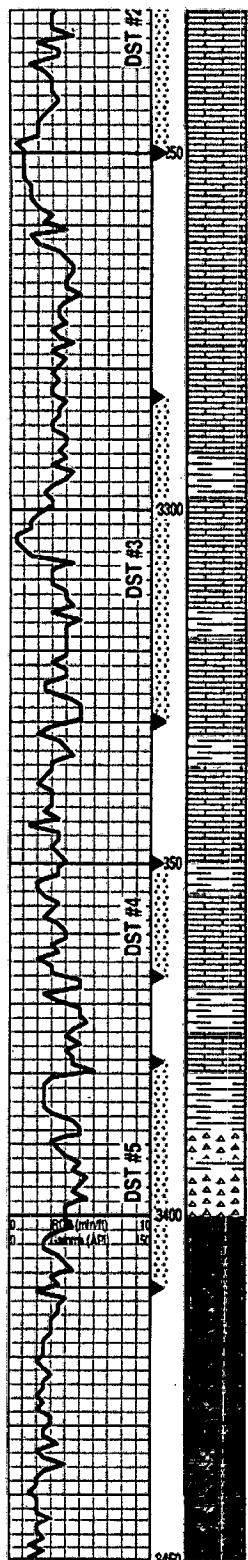
BROWN LIME 3153 (-1235)

LANSING 3164 (-1246)

DST #1 3160-3194 (LKC A-C)
 45:45:30:45
 IF: BOB 1 min, BOB 7 min (GTS Immed)
 FF: BOB 2 min, BOB 9 min
 Rec: 325' GO (40% G, 60% O),
 60 SAKGO (27% G, 69% Q, 10% M)
 IHP: 1550 FHP: 1484
 IFP: 20-66 ISIP: 560
 FPP: 92-138 FSIP: 577
 Oil Gravity - 37
 BHT - 105

CFS @ 3194
 Deviation survey @ 3194 - 1 degree
 Pipe strap @ 3194 - 0.67 long to board (No correction made)

DST #2 3216-3250 (LKC E, F & G)
 45:45:45:45
 IF: 3" blow, no return
 FF: 3/4" blow, no return



- LS: wh-tan, fdn, sl foss, gd ppt & vug por, fsfo, even str, str odor
- LS: wh-tan-gry, fdn, oolitic in pt, gd iron & vug por, fsfo, even str, fr odor
- LS: wh-tan, f-vdn, ool, pr-fr iron por, chalky, nsto, spotty str, sl odor
- LS: crm-tan, vdn, dense, chalky, NS
- LS: crm-tan-gry, vdn, sl foss, chalky, NS
- LS: crm-tan-gry, vdn, sl foss, chalky, NS
- SH: blk-gry
- LS: wh-tan, fdn, oolitic, gd oom por, fsfo on brk, even sat str, str odor
- SH: blk-gry-grn
- LS: wh-tan, fdn, mostly dense, rare f-gd iron por, ssfo, fr even str, str odor
- LS: as above w/iron in show
- SH: gry-grn
- LS: crm-tan, fdn, oolitic, fr-gd iron por, vsfo on brk, abund blk tar str, spotty live str, sl odor
- LS: tan-gry, fdn, oolitic, fr-gd iron por & vug por, ssfo on brk, even live str, fr odor
- LS: wh-tan, vdn, dense, minor edge str, nsto, sl odor
- SH: grn-gry-red
- LS: wh-tan, fdn, oolitic, fr-gd iron & oomold por, ssfo, gd even str, fr odor
- SH: gry-grn-brn-red
- CHT & SH: multic.
- DOL: wh-tan, m-zdn, gd iron por, fsfo, even sat str, str odor
- DOL: wh-tan, f-vdn, fr-gd iron por, ssfo, spotty str, str odor
- DOL: wh-tan, f-vdn, fr-gd iron por, ssfo, spotty str, str odor
- DOL: wh-tan, f-vdn, fr-gd iron por, ssfo, spotty str, str odor

Rec: 77 GP, 27 SOCM (10% O, 90% M),
 37 OSWCM (24% W, 76% M)
 IHP: 1551 FHP: 1504
 FFP: 14-25 FSIP: 630
 FFP: 27-37 FSIP: 626
 BHT: 102 F
 Chlorides: 72,000 ppm

CFS @ 3337

MUNCIE CREEK 3291 (-1373)

DST #3 3284-3330 (LKC H & I)
 IF: BOB in 6-1/2 min, Wk surf return, died in 11 min
 FF: BOB in 28 min, no return
 Rec: 5 GO (15% G, 85% O), 365 MSMCW (67% W, 5% M)
 IHP: 1610 FHP: 1480
 FFP: 30-145 FSIP: 601
 FFP: 131-200 FSIP: 568
 BHT: 106 F
 Oil Gravity - 36
 Chlorides: 66,000 ppm

CFS @ 3337

DST #4 3350-3366 (LKC I)

30-30-30-30
 IF: 4" blow, no return
 FF: 2-1/2" blow, no return
 Rec: 17 SGO (10% G, 80% O),
 25 VSOCM (5% O, 20% W, 75% M)
 IHP: 1643 FHP: 1587
 FFP: 16-21 FSIP: 262
 FFP: 20-27 FSIP: 241
 BHT: 106 F
 Chlorides: 70,000 ppm

CFS @ 3337

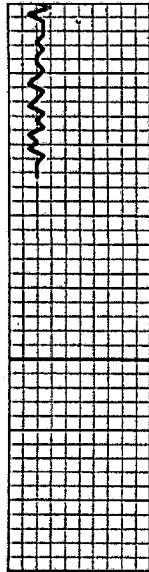
CFS @ 3336

BKC 3380 (-1462)

ARBUCKLE 3398 (-1480)

CFS @ 3410

DST #5 3378-3410 (Arbuckle)
 30-30-30-30
 IF: 1/2 in blow, no return
 Wk surf blow died in 12 min, no return
 Rec: 1 FO, 5 VSOCM (5% O, 85% M)
 IHP: 1666 FHP: 1595
 FFP: 15-15 FSIP: 52
 FFP: 16-17 FSIP: 31
 BHT: 99 F



3500



o LAL: wh-gr, f-mxn, m-gd mzn por, ssio, spotty str, br odor
o DOL: wh-lar, f-mxn, gd lmn por, vssb, mostly barren, rare sh, fr odor
DOL: wh, f-mxn, pr-gd lmn & vug por, nfo, barren, rare glauconite str, ol odor

RTD - 3475'
LTD - 3474'

Deviation Survey @ RTD of 3475 - 1-3/4 degree



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Mai Oil Operations, Inc.
 8411 Preston Rd
 STE 800 Dallas, TX 75225
 ATTN: Steve Murphy

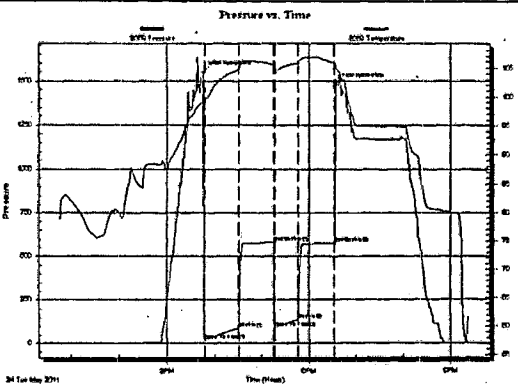
Schenk Trust #1
 29-17-14w Barton, KS
 Job Ticket: 42743 DST#: 1
 Test Start: 2011.05.24 @ 12:45:20

GENERAL INFORMATION:

Formation: KC "A-C"
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 15:47:50
 Time Test Ended: 21:23:50
 Interval: 3160.00 ft (KB) To 3194.00 ft (KB) (TVD)
 Total Depth: 3194.00 ft (KB) (TVD)
 Hole Diameter: 7.88 Inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole
 Tester: Brett Dickinson
 Unit No: 47
 Reference Elevations: 1918.00 ft (KB)
 1910.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8369 Outside
 Press@RunDepth: 137.86 psig @ 3166.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2011.05.24 End Date: 2011.05.24 Last Calib.: 2011.05.24
 Start Time: 12:45:25 End Time: 21:23:50 Time On Btm: 2011.05.24 @ 15:45:20
 Time Off Btm: 2011.05.24 @ 18:35:50

TEST COMMENT: IF-BOB in 1min
 IS-BOB in 7 min
 FF-BOB in 2 min
 FSI-BOB in 9 min



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1550.00	99.03	Initial Hydro-static
3	20.20	99.51	Open To Flow (1)
45	87.98	104.77	Shut-In (1)
91	580.33	105.57	End Shut-In (1)
92	92.21	104.88	Open To Flow (2)
122	137.86	105.89	Shut-In (2)
167	576.60	105.98	End Shut-In (2)
171	1484.31	104.64	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
325.00	GO 40%G 60%O	4.56
60.00	SMGO 25%G 65%O 10%M	0.84

Gas Rates

	Choke (Inches)	Pressure (psig)	Gas Rate (Mcft)



**TRIOBITE
TESTING, INC**

DRILL STEM TEST REPORT

M&I Oil Operations, Inc.
8411 Preston Rd
STE 800 Dallas, TX 75225
ATTN: Steve Murphy

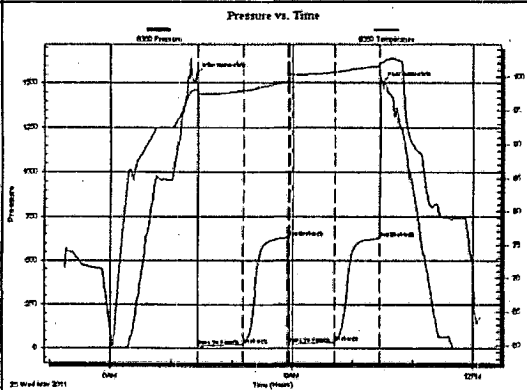
Schenk Trust #1
29-17-14w Barton, KS
Job Ticket: 42744 DST#: 2
Test Start: 2011.05.25 @ 05:15:11

GENERAL INFORMATION:

Formation: **KC¹E,F,G¹**
 Deviated: **No Whipstock** ft (KB)
 Test Type: **Conventional Bottom Hole**
 Time Tool Opened: **07:26:11**
 Tester: **Brett Dickinson**
 Time Test Ended: **12:07:11**
 Unit No: **47**
 Interval: **3216.00 ft (KB) To 3250.00 ft (KB) (TVD)**
 Reference Elevations: **1918.00 ft (KB)**
 Total Depth: **3250.00 ft (KB) (TVD)**
1910.00 ft (CF)
 Hole Diameter: **7.88 inches** Hole Condition: **Fair**
 KB to GR/CF: **8.00 ft**

Serial #: 8369 Outside
 Press@RunDepth: **36.91 psig @ 3222.00 ft (KB)** Capacity: **8000.00 psig**
 Start Date: **2011.05.25** End Date: **2011.05.25** Last Calib.: **2011.05.25**
 Start Time: **05:15:16** End Time: **12:07:10** Time On Btm: **2011.05.25 @ 07:24:41**
 Time Off Btm: **2011.05.25 @ 10:29:41**

TEST COMMENT: IF-3 in blow
 IS- No blow
 FF-3/4 in blow
 FS- No blow



PRESSURE SUMMARY

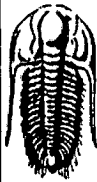
Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	1550.76	98.13	Initial Hydro-static
2	13.52	97.63	Open To Flow (1)
46	24.73	97.91	Shut-In (1)
91	629.99	99.18	End Shut-In (1)
92	26.72	100.23	Open To Flow (2)
138	36.91	100.67	Shut-In (2)
182	625.60	101.61	End Shut-In (2)
185	1503.61	102.13	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	Oil spotted WCM 25%W 75%M	0.42
20.00	SOOM 10%O 90%M	0.28
0.00	70ft GFP	0.00

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcfd)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Mai Oil Operations, Inc.
8411 Preston Rd
STE 800 Dallas, TX 75225
ATTN: Steve Murphy

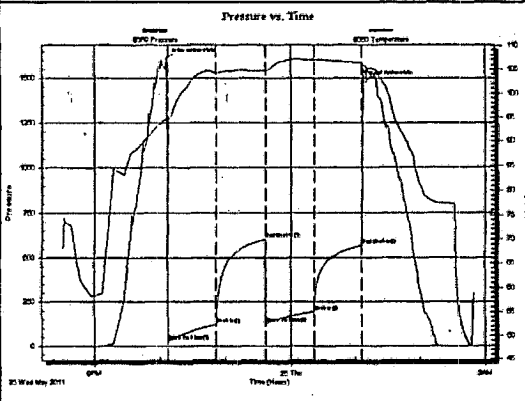
Schenk Trust #1
29-17-14w Barton, KS
Job Ticket: 42745 DST#: 3
Test Start: 2011.05.25 @ 20:30:22

GENERAL INFORMATION:

Formation: KC" H.I"
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 22:06:52
Time Test Ended: 02:49:52
Interval: 3284.00 ft (KB) To 3330.00 ft (KB) (TVD)
Total Depth: 3330.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole
Tester: Brett Dickinson
Unit No: 47
Reference Elevations: 1918.00 ft (KB)
1910.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 8369 Outside
Press@RunDepth: 199.64 psig @ 3295.00 ft (KB)
Start Date: 2011.05.25 End Date: 2011.05.26
Start Time: 20:30:27 End Time: 02:49:51
Capacity: 8000.00 psig
Last Calib.: 2011.05.26
Time On Btm: 2011.05.25 @ 22:05:52
Time Off Btm: 2011.05.26 @ 01:09:22

TEST COMMENT: IF-BOB in 6.5 min
ISI-weak surface blow died in 11min
FF-BOB in 28 min
FSI-No blow



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1609.66	94.74	Initial Hydro-static
1	30.18	94.47	Open To Flow (1)
45	124.84	104.25	Shut-h(1)
90	600.88	104.71	End Shut-h(1)
91	130.64	104.60	Open To Flow (2)
136	199.64	106.99	Shut-h(2)
180	568.48	106.40	End Shut-h(2)
184	1479.74	105.61	Final Hydro-static

Length (ft)	Description	Volume (bbl)
5.00	GO 15%G 85%O	0.07
385.00	VSMCW 5%M 95%W	5.40

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Mai Oil Operations, Inc.
 8411 Preston Rd
 STE 600 Dallas, TX 75225
 ATTN: Steve Murphy

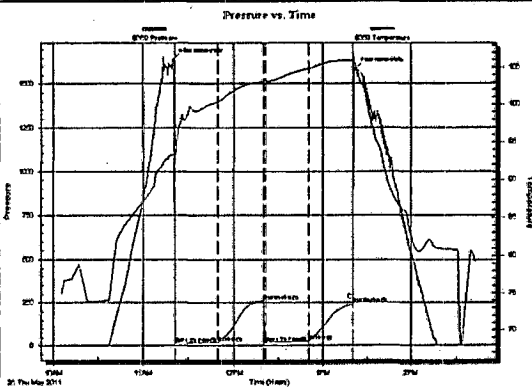
Schenk Trust #1
 29-17-14w Barton, KS
 Job Ticket: 42746 DST#: 4
 Test Start: 2011.05.26 @ 10:05:34

GENERAL INFORMATION:

Formation: KC "K"
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 11:21:04
 Time Test Ended: 14:43:04
 Interval: 3350.00 ft (KB) To 3366.00 ft (KB) (TVD)
 Total Depth: 3366.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole
 Tester: Brett Dickinson
 Unit No: 47
 Reference Elevations: 1918.00 ft (KB)
 1910.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8369 Outside
 Press@RunDepth: 27.00 psig @ 3356.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2011.05.26 End Date: 2011.05.26 Last Calib.: 2011.05.26
 Start Time: 10:05:39 End Time: 14:43:03 Time On Btm: 2011.05.26 @ 11:20:04
 Time Off Btm: 2011.05.26 @ 13:22:04

TEST COMMENT: IF-4 in blow
 IS- No blow
 FF-2.5 in blow died back to 2in
 FSI- No blow



PRESSURE SUMMARY

Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	1642.50	93.32	Initial Hydro-static
1	16.32	93.10	Open To Flow (1)
30	20.88	100.44	Shut-in(1)
60	261.73	103.00	End Shut-in(1)
61	19.85	103.27	Open To Flow (2)
90	27.00	104.84	Shut-in(2)
120	240.51	105.88	End Shut-in(2)
122	1586.61	104.95	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbf)
10.00	SGO 10%G 90%O	0.14
25.00	VSO/WCM 5%O 20%W 75%M	0.35
0.00	90ft GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Mal Oil Operations, Inc.
8411 Preston Rd
STE 800 Dallas, TX 75225
ATTN: Steve Murphy

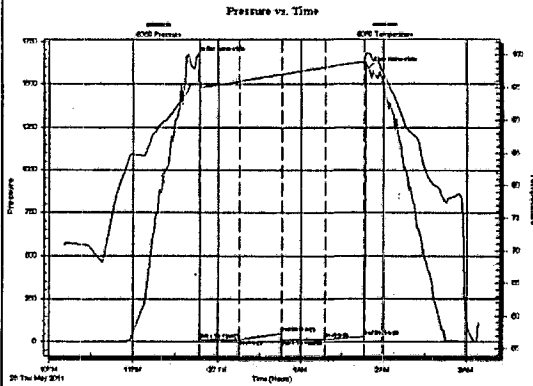
Schenk Trust #1
29-17-14w Barton, KS
Job Ticket: 42747 DST#: 5
Test Start: 2011.05.26 @ 22:10:57

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: **No Whipstock** ft (KB)
Time Tool Opened: **23:46:57**
Time Test Ended: **03:08:27**
Interval: **3378.00 ft (KB) To 3410.00 ft (KB) (TVD)**
Total Depth: **3410.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: **Fair**
Test Type: **Conventional Bottom Hole**
Tester: **Brett Dickinson**
Unit No: **47**
Reference Elevations: **1918.00 ft (KB)**
1910.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: **8369** Outside
Press@RunDepth: **17.39 psig @ 3382.00 ft (KB)** Capacity: **8000.00 psig**
Start Date: **2011.05.26** End Date: **2011.05.27** Last Calib.: **2011.05.27**
Start Time: **22:11:02** End Time: **03:08:26** Time On Btm: **2011.05.26 @ 23:44:27**
Time Off Btm: **2011.05.27 @ 01:49:27**

TEST COMMENT: IF-1/2 in blow
SI-No blow
FF-Weak surface blow died in 12 min
FSI-No blow



PRESSURE SUMMARY

Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	1655.88	95.51	Initial Hydro-static
3	15.12	95.17	Open To Flow (1)
31	15.43	95.95	Shut-In(1)
62	52.03	97.08	End Shut-In(1)
62	15.91	97.08	Open To Flow (2)
94	17.39	98.12	Shut-In(2)
122	30.77	98.93	End Shut-In(2)
125	1595.30	100.28	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1.00	Free Oil	0.01
5.00	VSOCM 5%O 95%M	0.07

Gas Rates

Choke (Inches)	Pressure (psig)	Gas Rate (Mc/d)

QUALITY OILWELL CEMENTING, INC.

Phone 785-483-2025

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

No. 5010

Cell 785-324-1041

Date	5/21/11	Sec	29	Twp	17	Range	11	County	Barton	State	KS	On Location		Finish	10:15
Lease	Schenk Trust		Well No.	1		Location		Hwy 4 + Hwy 281, 3 W 1/2 N, Ex 10							
Contractor	Southwind Drilling Rig #3				Owner										
Type Job	Surface				To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.										
Hole Size	12 1/4"		T.D.		901'		Charge To								
Csg.	8 5/8" 23#		Depth		901'		Main Oil Operations, Inc.								
Tbg. Size			Depth				Street								
Tool			Depth				City								
							State								
Cement Left in Csg.	42'		Shoe Joint		42'		The above was done to satisfaction and supervision of owner agent or contractor.								
Meas Line			Displace		53 3/4 Bbls.		Cement Amount Ordered 350 sx 60/40 3% CC 2 1/2 gal								
EQUIPMENT															
Pumptrk	9	No.	Cement Helper		Dont		Common								
Bulktrk	10	No.	Driver		Rocky		Poz. Mix								
Bulktrk	DV	No.	Driver		Matt		Gel.								
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														
Est. Csg.	Sand														
Mix 350sx	Handling														
Displace	Mileage														
Lead Plug	FLOAT EQUIPMENT														
Cement 53 gal total	Guide Shoe														
	Centralizer 8 1/8"														
	Baskets														
	AFU Inserts														
	Float Shoe														
	Latch Down														
	Rubber Plug														
	Baffle Plate														
	Pumptrk Charge														
	Mileage														
	Tax														
	Discount														
Signature	[Signature]														Total Charge

ALLIED CEMENTING CO., LLC. 039710

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

SERVICE POINT:
Russell Ks.

DATE <u>5-27-2011</u>	SEC. <u>29</u>	TWP. <u>17</u>	RANGE <u>14</u>	CALLED OUT	ON LOCATION	JOB START <u>1:00 AM</u>	JOB FINISH <u>1:30 AM</u>
LEASE <u>Schenk</u>	TRUST WELL # <u>#1</u>	LOCATION <u>Russell Ks. S. To 291 + Hwy 4 Jct</u>			COUNTY <u>Barton</u>	STATE <u>KANSAS</u>	
OLD OR NEW (Circle one) <u>NEW</u>		3 W 1/2 N 1/4 E + N INTO					

CONTRACTOR <u>SOUTHWIND DAIG. Ry #3</u>	OWNER
TYPE OF JOB <u>PRODUCTION STRING</u>	CEMENT
HOLE SIZE <u>7 7/8</u> T.D. <u>3474'</u>	AMOUNT ORDERED <u>160 cx 60/40 10% SALT</u>
CASING SIZE <u>5 1/2</u> NEW DEPTH <u>3473'</u>	<u>2% GEL 1/4 # FLO-SEAL PER SX</u>
TUBING SIZE <u>14" CSG</u> DEPTH	<u>1000 GAL WFR-2 MUD-FLUSH</u>
DRILL PIPE <u>898</u> SURFACE DEPTH <u>891</u>	
TOOL LATCH <u>Down Plug Assy.</u> DEPTH <u>3452'</u>	
PRES. MAX <u>1500#</u> MINIMUM	
MEAS. LINE SHOE JOINT <u>21.10</u>	
CEMENT LEFT IN CSG. <u>21.10</u>	
PERFS.	
DISPLACEMENT <u>84 1/4 / BBL</u>	

COMMON <u>96</u>	@ <u>16.25</u>	<u>1560.00</u>
POZMIX <u>64</u>	@ <u>8.50</u>	<u>544.00</u>
GEL <u>3</u>	@ <u>21.25</u>	<u>63.75</u>
CHLORIDE	@	
ASC	@	
<u>Sg/H 14</u>	@ <u>23.95</u>	<u>335.30</u>
<u>Flo Seal 40#</u>	@ <u>2.70</u>	<u>108.00</u>
<u>WFR-2 1000gal</u>	@ <u>1.10</u>	<u>N-C</u>
HANDLING <u>177</u>	@ <u>2.25</u>	<u>398.25</u>
MILEAGE <u>40</u>	@ <u>11#</u>	<u>389.40</u>
TOTAL		<u>3398.70</u>

EQUIPMENT	
PUMP TRUCK	CEMENTER <u>Glewn</u>
# <u>398</u>	HELPER <u>Heath</u>
BULK TRUCK	
# <u>378</u>	DRIVER <u>Nick</u>
BULK TRUCK	
#	DRIVER

REMARKS:

Ran 84 Joints of New 5 1/2 csg. (14#)
Set Pipe @ 3473' Circulate on
Bottom. 1 HR. min Flush, Cement
w/ 130 sx 60/40 10% SALT 2% GEL, 1/4 # FLO-SEAL
Clear-Line, Release Latch Down Plug & Displace
84 1/4 BBL LAND Plug @ 1500# Release (Hw)
30 sx @ Reelate

THANK'S

SERVICE	
DEPTH OF JOB	
PUMP TRUCK CHARGE	<u>2225.00</u>
EXTRA FOOTAGE	@
MILEAGE <u>40</u>	@ <u>7.00</u> <u>280.00</u>
MANIFOLD	@
<u>60m 40</u>	@ <u>4.00</u> <u>160.00</u>
TOTAL <u>2665.00</u>	

CHARGE TO: MAJ Oil Operations Inc.
 STREET _____
 CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

(B) <u>Floeshoe</u>	@	<u>245.00</u>
(R) <u>10 Turbo Centralizers</u>	@ <u>60.00</u>	<u>600.00</u>
(S) <u>1 - LATCH Down Plug Assy</u>	@	<u>194.00</u>
	@	
	@	
	@	

To Allied Cementing Co., LLC.
 You are hereby requested to rent cementing equipment

Conservation Division
Finney State Office Building
130 S. Market, Rm. 207B
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

September 27, 2011

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

Re: ACO1
API 15-009-25549-00-00
Schenk Trust 1
SW/4 Sec.29-17S-14W
Barton 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

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

September 30, 2011

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

Re: ACO-1
API 15-009-25549-00-00
Schenk Trust 1
SW/4 Sec.29-17S-14W
Barton County, Kansas

Dear Allen Bangert:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 05/19/2011 and the ACO-1 was received on September 27, 2011 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department