



**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
- Conv. to GSW
- Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_
- Commingled      Permit #: \_\_\_\_\_
- Dual Completion      Permit #: \_\_\_\_\_
- SWD      Permit #: \_\_\_\_\_
- ENHR      Permit #: \_\_\_\_\_
- GSW      Permit #: \_\_\_\_\_

Spud Date or Recompletion Date      Date Reached TD      Completion Date or Recompletion Date

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

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total 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**

- Letter of Confidentiality Received  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_



1066066

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**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 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 Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  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
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone				

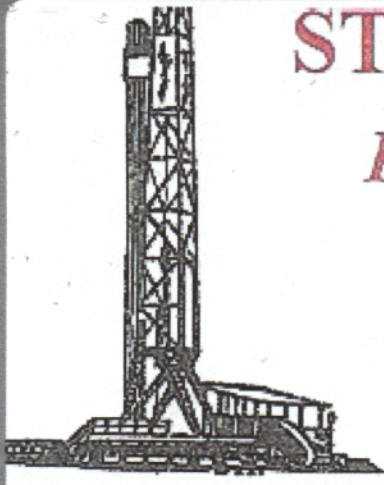
Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

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
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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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# 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:** Vinzant #2

**Location:** Rooks County

**License Number:** API# 15-163-23981-00-00

**Spud Date:** 9/29/11

**Region:** Kansas

**Drilling Completed:** 10/5/11

**Surface Coordinates:** 2175' FSL & 1200' FWL (Approx. SE NE NW SW)

Section 21-T10S-R20W

**Bottom Hole Coordinates:** Vertical Well w/minimal deviation

(Same as above)

**Ground Elevation (ft):** 2217'

**K.B. Elevation (ft):** 2225'

**Logged Interval (ft):** 3200' To: TD

**Total Depth (ft):** 3890'

**Formation:** Topeka through Arbuckle

**Type of Drilling Fluid:** Chemical (Mudco, Gary Schmidtberger-Mud Engineer)

Printed by STRIP.LOG from WellSight Systems 1-800-447-1534 [www.WellSight.com](http://www.WellSight.com)

### OPERATOR

**Company:** Mai Oil Operations, Inc.

**Address:** 8411 Preston Road

Suite 800

Dallas, TX 75225-5520

### GEOLOGIST

**Name:** Steven P. Murphy, PG (KS License #228)

**Company:** Consulting Petroleum Geologist

**Address:** 3365 CR 390

Otis, KS 67565

Cell: 620-639-3030



### LogTops (Datum)

The open-hole logging was performed by Jason Cappellucci 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:

Top Anhydrite - 1714 (+511)  
Base Anhydrite - 1753 (+472)  
Topeka - 3279 (-1504)  
Heebner - 3483 (-1258)  
Toronto - 3504 (-1279)  
Lansing - 3520 (-1295)  
Muncie Crk - 3643 (-1418)  
BKC - 3744 (-1519)  
Arbuckle - 3834 (-1609)

### DSTs

The following drillstem tests were performed by Brian Fairbank w/Trilobite Testing (Hays shop):

DST #1 3539-3599 (LKC "C-F") \*Depth corrected  
IF: Wk blow built to 1-1/4", no return  
FF: No blow, no return  
Recovery: 30' MW (85% W, 15% M),  
10' M  
IHP: 1743 FHP: 1687  
IFP: 30-41 ISIP: 826  
FFP: 42-47 FSIP: 824  
BHT: 101 F  
Chlorides - 45,000 ppm

DST #2 3702-3744 (LKC "J,K,L")  
15:30:15:30  
IF: Wk blow died in 7 min, no return  
FF: No blow - flushed, no return  
Recovery: 2' M  
IHP: 1851 FHP: 1795  
IFP: 14-14 ISIP: 23  
FFP: 15-17 FSIP: 23  
BHT - 103 F

DST #3 3826-3840 (Arbuckle)  
15:15:15:15  
IF: Weak surface blow died in 7 min, no return  
FF: No blow flushed tool, no return  
Recovery: 3' Mud w/oil spots in tool  
IHP: 1926 FHP: 1896  
IFP: 12-13 ISIP: 47  
FFP: 15-15 FSIP: 51  
BHT - 103 F



**COMMENTS**

Based on the negative results of drillstem tests, as well as sample & log analysis, it was recommended that this well be plugged at a total depth of 3890'.

Respectfully submitted,

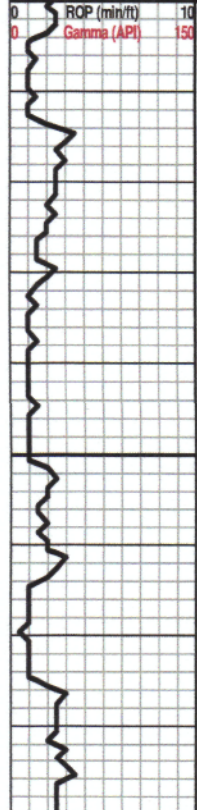
Steven P. Murphy, PG  
 Consulting Petroleum Geologist  
 (KS License #228)

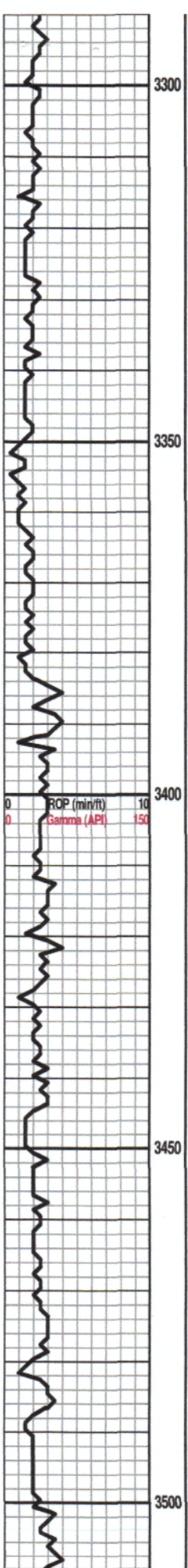
**ROCK TYPES**

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

**OTHER SYMBOLS**

<b>OIL SHOW</b>	 Dead	<b>INTERVAL</b>	<b>EVENT</b>
 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 align="center">3250</p>			<p>SH: gry-blk, silty</p> <p>LS: crm-tan-gry, vbdn, sl chalky, sl foss, dense, NS</p>	<p>The following are sample formation tops &amp; associated datums (with KB of 2225'). Please refer to the main header for electric log tops &amp; datums:</p> <p>TOP ANHYDRITE - 1718 (+507)*                  BASE ANHYDRITE - 1767 (+458)*</p> <p>NOTES:</p> <p>8-5/8" Surface casing set @ 221' w/150 sacks cement                  Deviation survey @ 221' - 1 degree</p> <p>Very poor sample quality                  Geologist on location @ 4:30 AM on 10/2/11 @ depth of 3170'</p> <p>TOPEKA 3276 (-1051)</p>



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

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

SH: gry-blk-grn

LS: crm-tan, vfxdn, foss, sl chalky, mottled, dense, NS

SH: gry-red-grn-red

LS: wh-tan, vfxdn, foss, dense, NS

SH: blk-gry

LS: crm-tan, fxdn, sl foss, dense, NS

LS: crm-tan, fxdn, sl foss, dense, NS

SH: gry-grn-red, silty

SH: gry-blk-gry-red

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

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

SH: gry-grn-red

LS: crm-gry, vfxdn, sl foss, chalky, dense, NS

SH: gry-grn-brn-blk

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

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

SH: gry-brn-grn

LS: wh-tan, fxdn, chalky, dense, minor cht, NS

SH: gry-grn

LS: wh-tan, vfxdn, chalky, dense, NS

SH: blk-gry

SH: gry-grn (silty)

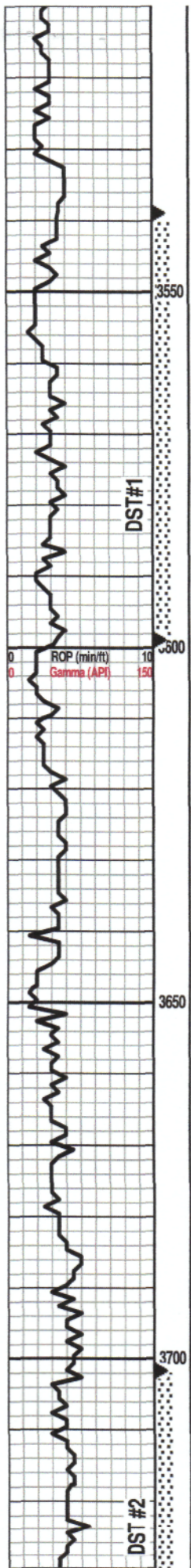
LS: wh-tan-gry, vfxdn, sl foss, chalky, minor grycht, dense, NS

\*Strap @ DST #1 showed an 11.01' shortage to the board. After drilling out from under surface, an error was made on the geolograph.

HEEBNER 3480 (-1255)

TORONTO 3501 (-1276)





SH: blk-gry-red

LS: wh-tan-brn, vtdn, sl foss, sl chalky, dense, NS

LS: wh-tan, vtdn, minor chert, sl chalky, dense, NS

SH: blk-gry-grn-red

● LS: wh-tan-gry, ftdn, mostly dense, rare pr-fr inxdn por, vssfo on brk, minor spotty stn, v. sl odor

SH: gry-grn-brn

● LS: wh-tan, ftdn, pr-fr inxdn por, ssfo, spotty-even stn, sl odor

SH: gry-grn-red

● LS: wh-tan-gry, ftdn, chalky, fr inxdn por, ssfo, spotty stn, fr odor

● LS: wh-tan, ftdn, sl chalky, fr-gd inxdn por, fsfo, even stn, fr odor

● LS: wh-tan, ftdn, ool in pt, sl foss, sl chalky, fr-gd inxdn & vug por, fsfo, even sat stn, str odor

LS: crm-tan-gry, ftdn, sl foss, sl chalky, dense, nsfo, spotty stn, no odor

LS: as above w/minor chert

LS: as above

SH: blk-gry

SH: blk-gry-grn-red

LS: wh-brn, vtdn, sl chalky, dense, NS

SH: gry-red-brn

LS: crm-tan, vtdn, sl chalky, dense, NS

SH: gry-blk-red

LS: crm-tan-gry, vtdn, sl chalky, dense, NS

SH: blk-gry

● LS: wh-tan, ftdn, chalky, sl foss, pr-fr inxdn por, ssfo, spotty stn, fr odor

LS: wh-tan, vtdn, dense, NS

SH: gry-blk-grn-red

● LS: wh-tan, ftdn, mostly dense, rare fr-gd inxdn/vug por, ssfo, spotty stn, fr odor

**LANSING 3528 (-1303)**

DST #1 3539-3599 (LKC "C-F") \*Depth corrected  
 IF: Wk blow built to 1-1/4", no return  
 FF: No blow, no return  
 Recovery: 30' MW (85% W, 15% M),  
 10' M  
 IHP: 1743 FHP: 1687  
 IFP: 30-41 ISIP: 826  
 FFP: 42-47 FSIP: 824  
 BHT: 101 F  
 Chlorides - 45,000 ppm

Strap @ 3610' (uncorrected depth) - 11.01' short to board -  
 corrected geo report & re-set geolograph to 3600'

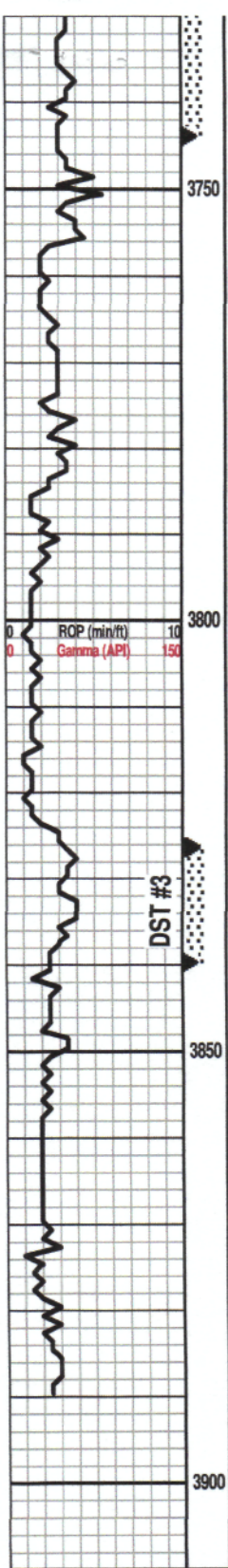
Survey @ 3600' (corrected) - 1/2 degree

CFS @ 3599' (Corrected to strap)

**MUNCIE CREEK 3640 (-1415)**

DST #2 3702-3744 (LKC "J,K,L")  
 15:30:15:30  
 IF: Wk blow died in 7 min, no return  
 FF: No blow - flushed, no return  
 Recovery: 2' M  
 IHP: 1051 FHP: 1795  
 IFP: 14-14 ISIP: 23  
 FFP: 15-17 FSIP: 23





● LS: wht-tan-gry, fxdn, sl foss, sl chalkyk, fr-gd inxdn/vug por, fsfo, even sat stn, str odor

BHT - 103 F

SH: gry-blk-red-brn-grn

**BKC 3742 (-1517)**

CFS @ 3744'

SH: as above

LS: crm-gry, vfxdn, dense, NS

SH: red-gry-grn-blk

SH: red-gry-grn-blk w/assoc crm-gry dense LS

SH: red-gry-grn-blk w/assoc crm-gry dense LS

SH: multicol w/assoc multicol chert

SH & Cht: as above

CHT: multicol, fresh, sharp w/abund gils stn

CHT: multicol, fresh, sharp w/abund gils stn

CFS @ 3820'

SH: multicol.

**ARBUCKLE 3835 (-1610)**

DST #3 3826-3840 (Arbuckle)

15:15:15

IF: Weak surface blow died in 7 min, no return

FF: No blow flushed tool, no return

Recovery: 3' Mud w/oil spots in tool

IHP: 1926 FHP: 1896

IFP: 12-13 ISIP: 47

FFP: 15-15 FSIP: 51

BHT - 103 F

● DOL: tan, f-mxdn, rhombic & sucrosic, mostly dense, rare fr inxdn por, fsfo, even sat stn, str odor

● DOL: crm-tan, f-mxdn, rhombic & sucrosic, fr inxdn & vug por, fsfo, even sat stn, str odor

○ DOL: crm-tan, f-mxdn, rhombic & sucrosic, fr inxdn & vug por, fsfo, spotty stn, str odor

○ DOL: crm-tan, f-mxdn, rhombic & sucrosic, fr inxdn & vug por, ssfo, spotty stn, fr odor

○ DOL: crm-tan, f-mxdn, rhombic & sucrosic, fr inxdn & vug por, ssfo, spotty stn, fr odor (some gilsonite)

○ DOL: crm-tan-pink, v-f-mxdn, rhombic, much dense, pr-fr inxdn por, vssfo (mostly gilsonite), rare spotty stn, sl odor

RTD - 3890'

LTD - 3894'







**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

Mai Oil Operations

8411 Preston Rd. Ste. 800  
Dallas, TX 75225

ATTN: Steve Murphy

Vinzant #2

21-10s-20w Rooks,KS

Job Ticket: 45157

DST#: 2

Test Start: 2011.10.03 @ 23:57:41

### GENERAL INFORMATION:

Formation: LKC "J-L"

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:54:11

Time Test Ended: 04:39:11

Test Type: Conventional Bottom Hole (Reset)

Tester: Brian Fairbank

Unit No: 41

Interval: 3702.00 ft (KB) To 3744.00 ft (KB) (TVD)

Total Depth: 3744.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2225.00 ft (KB)

2217.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8734 Outside

Press@RunDepth: 17.28 psig @ 3706.00 ft (KB)

Start Date: 2011.10.03

End Date:

2011.10.04

Start Time: 23:57:42

End Time:

04:39:11

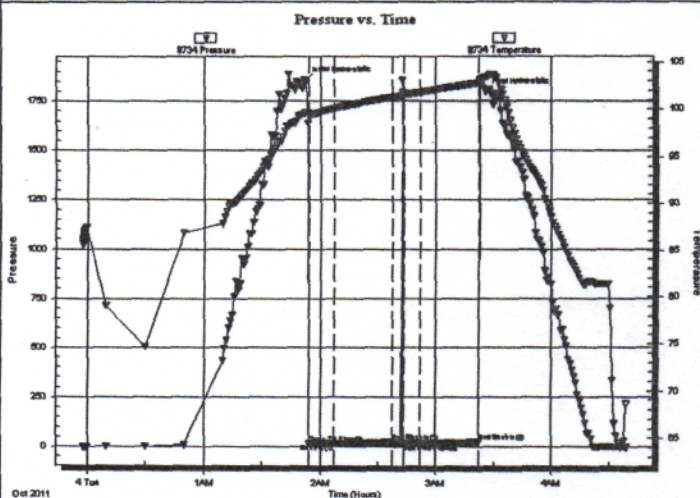
Capacity: 8000.00 psig

Last Calib.: 2011.10.04

Time On Btm: 2011.10.04 @ 01:52:11

Time Off Btm: 2011.10.04 @ 03:25:41

TEST COMMENT: IFP - sur blow - died 7 min  
ISI - no blow back  
FFP - no blow - flush - no blow  
FSI - no blow back



### PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1851.38	99.58	Initial Hydro-static
2	13.91	99.33	Open To Flow (1)
15	14.18	100.04	Shut-In(1)
46	22.97	101.28	End Shut-In(1)
51	15.17	101.23	Open To Flow (2)
60	17.28	101.80	Shut-In(2)
90	23.41	102.77	End Shut-In(2)
94	1795.27	103.29	Final Hydro-static

### Recovery

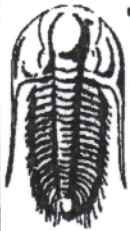
Length (ft)	Description	Volume (bbl)
2.00	DRL MUD 100%	0.03

\* 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: Steve Murphy

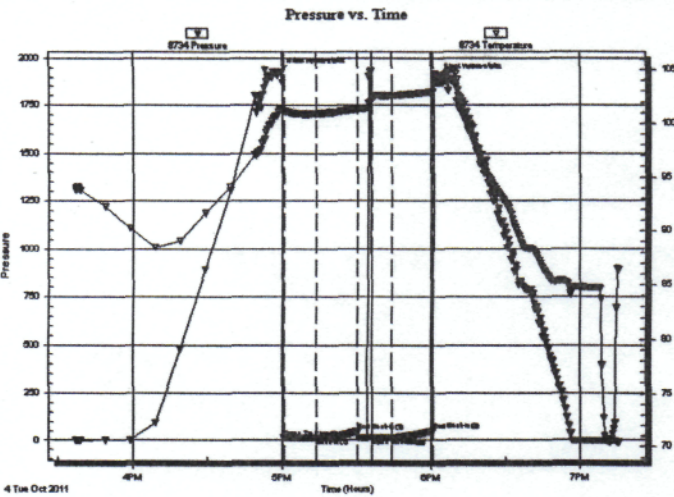
**Vinzant #2**  
**21-10s-20w Rooks,KS**  
 Job Ticket: 45158      **DST#: 3**  
 Test Start: 2011.10.04 @ 15:37:02

**GENERAL INFORMATION:**

Formation: **Arbuckle**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 17:00:32  
 Time Test Ended: 19:15:32  
 Interval: **3826.00 ft (KB) To 3840.00 ft (KB) (TVD)**  
 Total Depth: 3840.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Good  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Brian Fairbank  
 Unit No: 41  
 Reference Elevations: 2225.00 ft (KB)  
 2217.00 ft (CF)  
 KB to GR/CF: 8.00 ft

**Serial #: 8734**      **Outside**  
 Press@RunDepth: 14.66 psig @ 3827.00 ft (KB)  
 Start Date: 2011.10.04      End Date: 2011.10.04  
 Start Time: 15:37:03      End Time: 19:15:32  
 Capacity: 8000.00 psig  
 Last Calib.: 2011.10.04  
 Time On Btm: 2011.10.04 @ 16:59:02  
 Time Off Btm: 2011.10.04 @ 18:02:32

**TEST COMMENT:** IFF - sur blow - died 7 min  
 ISI - no blow back  
 FFP - no blow - flush - sur blow - died 1 min  
 FSI - no blow back



**PRESSURE SUMMARY**

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1925.59	101.22	Initial Hydro-static
2	12.39	101.08	Open To Flow (1)
15	13.09	100.88	Shut-In(1)
31	46.76	101.30	End Shut-In(1)
37	14.53	102.24	Open To Flow (2)
45	14.66	102.57	Shut-In(2)
62	51.13	102.93	End Shut-In(2)
64	1896.08	103.78	Final Hydro-static

**Recovery**

Length (ft)	Description	Volume (bbl)
3.00	drl mud 100%	0.04

\* Recovery from multiple tests

**Gas Rates**

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

Notice: Fill out COMPLETELY and return to Conservation Division at the address below within 60 days from plugging date.

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
**WELL PLUGGING RECORD**  
K.A.R. 82-3-117

Form CP-4  
March 2009  
Type or Print on this Form  
Form must be Signed  
All blanks must be Filled

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  
Type of Well: (Check one)  Oil Well  Gas Well  OG  D&A  Cathodic  
 Water Supply Well  Other: \_\_\_\_\_  SWD Permit #: \_\_\_\_\_  
 ENHR Permit #: \_\_\_\_\_  Gas Storage Permit #: \_\_\_\_\_  
Is ACO-1 filed?  Yes  No If not, is well log attached?  Yes  No  
Producing Formation(s): List All (If needed attach another sheet)  
\_\_\_\_\_  
Depth to Top: \_\_\_\_\_ Bottom: \_\_\_\_\_ T.D. \_\_\_\_\_  
\_\_\_\_\_  
Depth to Top: \_\_\_\_\_ Bottom: \_\_\_\_\_ T.D. \_\_\_\_\_  
\_\_\_\_\_  
Depth to Top: \_\_\_\_\_ Bottom: \_\_\_\_\_ T.D. \_\_\_\_\_

API No. 15 - 15-163-23981-00-00  
Spot Description:  
SE NE NW SW Sec. 21 Twp. 10 S. R. 20  East  West  
2,175 Feet from  North /  South Line of Section  
1,200 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
County: ROOKS  
Lease Name: VINZANT Well #: 2  
Date Well Completed: 10/05/2011  
The plugging proposal was approved on: 10/04/2011 (Date)  
by: ED SCHUMACHER (KCC District Agent's Name)  
Plugging Commenced: 10/04/2011  
Plugging Completed: 10/05/2011

Show depth and thickness of all water, oil and gas formations.

Oil, Gas or Water Records		Casing Record (Surface, Conductor & Production)			
Formation	Content	Casing	Size	Setting Depth	Pulled Out
		SURFACE	8 5/8	221	0

Describe in detail the manner in which the well is plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the hole. If cement or other plugs were used, state the character of same depth placed from (bottom), to (top) for each plug set.

Plugged well with 230 sacks of 60/40 Poz, 4% gel, 1/4# flo-seal, 1st plug @ 3814' with 25 sacks, 2nd plug @ 1740' with 25 sacks, 3rd plug @ 970' with 100 sacks, 4th plug @ 270' with 40 sacks, 5th plug @ 40 to surface with 10 sacks, 30 sacks for rat hole, by Quality (Ticket #5182), plug was down @ 2:30 pm on 10/5/2011.

Plugging Contractor License #: 33350 Name: SOUTHWIND DRILLING  
Address 1: 8 NORTH MAIN Address 2: PO BOX 276  
City: ELLINWOOD State: KANSAS Zip: 67526 + \_\_\_\_\_  
Phone: (620) 564-3800  
Name of Party Responsible for Plugging Fees: MAI OIL OPERATIONS, INC  
State of KANSAS County, BARTON, ss.  
JILL WAHLMEIER  Employee of Operator or  Operator on above-described well,  
(Print Name)

being first duly sworn on oath, says: That I have knowledge of the facts statements, and matters herein contained, and the log of the above-described well is as filed, and the same are true and correct, so help me God.

Signature: Jill Wahlmeier

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202



# QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025

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

No. 5211

Cell 785-324-1041

Date	9/29/11	Sec.	21	Twp.	10	Range	20	County	Boots	State	KS	On Location		Finish	9:00 AM
Lease	Vinzant	Well No.	2		Location		Pulco, SS, E into								
Contractor	Southwind Rig #3				Owner		To Quality Oilwell Cementing, Inc.								
Type Job	Surface				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.		221'		Charge To								
Csg.	8 5/8"		Depth		221'		Maj Oil Operations, Inc.								
Tbg. Size			Depth				Street								
Tool			Depth				City								
Cement Left in Csg.	15'		Shoe Joint				State								
Meas Line			Displace		13 Bbk.		The above was done to satisfaction and supervision of owner agent or contractor.								
							Cement Amount Ordered								
							150 5x60/40 3% gel 2% gel								

**EQUIPMENT**

Pumptrk	9	No.	Cementer	Paul	Common	90
			Helper			
Bulktrk	8	No.	Driver	Matt	Poz. Mix	60
			Driver			
Bulktrk	A	No.	Driver	Brian	Gel.	3
			Driver			
					Calcium	6

**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. Cir.	Sand
Mix 150 5x	Handling
Displace	Mileage
Cement Circulated	

**FLOAT EQUIPMENT**

Guide Shoe	4 3/8"
Centralizer	
Baskets	
AFU Inserts	
Float Shoe	
Latch Down	
	Head + manifold
	Wood Plug
Pumptrk Charge	Surface
Mileage	43

Thank You!

X Signature	Jay Shrin	Tax	
		Discount	
		Total Charge	







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

October 26, 2011

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

Re: ACO1  
API 15-163-23981-00-00  
Vinzant 2  
SW/4 Sec.21-10S-20W  
Rooks 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