

Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1

January 2018

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

Gas  DH  EOR

OG  GSW

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 EOR  Conv. to SWD

Plug Back  Liner  Conv. to GSW  Conv. to Producer

Commingled Permit #: \_\_\_\_\_

Dual Completion Permit #: \_\_\_\_\_

SWD Permit #: \_\_\_\_\_

EOR Permit #: \_\_\_\_\_

GSW Permit #: \_\_\_\_\_

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: \_\_\_\_\_

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  Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

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](mailto: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 Geologist Report / Mud Logs <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
--	---

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				

1. Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 3)*
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)*

Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5) (Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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Form	ACO1 - Well Completion
Operator	Mai Oil Operations, Inc.
Well Name	J.A. STICE 12
Doc ID	1601416

Tops

Name	Top	Datum
Anhydrite	1375	590
Topeka	2901	-936
Heebner	3110	-1145
Toronto	3131	-1166
Lansing	3151	-1186
Base KC	3369	-1404
Conglomerate	3373	-1407
Arb	3393	-1428





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Mai Oil Operations E 800

**27-8s-19w, Rooks, KS**

8411 Preston RD STE 800  
Dallas, TX 75225-5520

**J A Stice #12**

Job Ticket: 67805

**DST#: 1**

ATTN: Jim Musgrove

Test Start: 2021.09.18 @ 09:19:00

## GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:09:17

Time Test Ended: 16:27:02

Test Type: Conventional Bottom Hole (Initial)

Tester: Kevin Webster

Unit No: 72

**Interval: 3345.00 ft (KB) To 3401.00 ft (KB) (TVD)**

Reference Elevations: 1965.00 ft (KB)

Total Depth: 3401.00 ft (KB) (TVD)

1955.00 ft (CF)

Hole Diameter: 7.78 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

**Serial #: 6755**

**Inside**

Press@RunDepth: 115.06 psig @ 3346.00 ft (KB)

Capacity: psig

Start Date: 2021.09.18

End Date: 2021.09.18

Last Calib.: 2021.09.18

Start Time: 09:19:01

End Time: 16:27:02

Time On Btm: 2021.09.18 @ 11:08:17

Time Off Btm: 2021.09.18 @ 14:11:17

TEST COMMENT: IF- WSB built to 15.54, 32 min to BOB

45 min

IS- No blow back

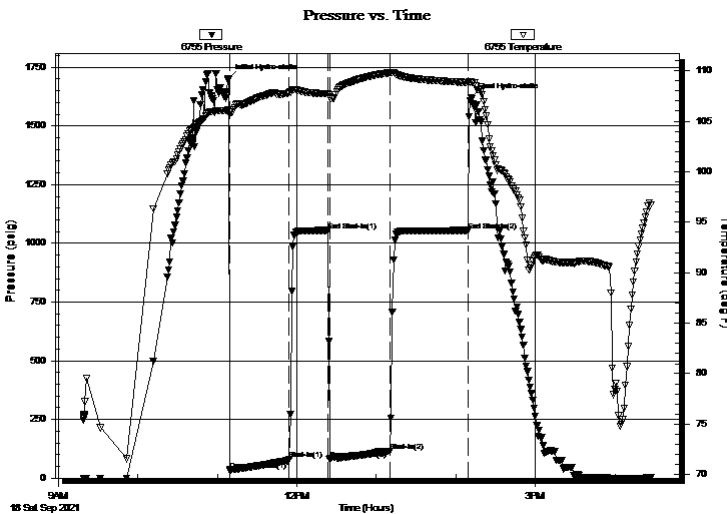
30 min

FF- WSB built to 10.98"

45 min

FS- No blow back

60 min



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1700.62	106.17	Initial Hydro-static
1	34.46	105.90	Open To Flow (1)
46	80.51	107.81	Shut-In(1)
76	1055.03	107.68	End Shut-In(1)
77	81.81	107.39	Open To Flow (2)
122	115.06	109.79	Shut-In(2)
181	1055.16	108.86	End Shut-In(2)
183	1620.49	108.86	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
0.00	1763 100% Gas	0.00
124.00	20% Gas 80% Oil	1.74
124.00	10% Oil 15% Water 75% Mud	1.74

## Gas Rates

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





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Mai Oil Operations E 800

**27-8s-19w, Rooks, KS**

8411 Preston RD STE 800  
Dallas, TX 75225-5520

**J A Stice #12**

Job Ticket: 67805

**DST#: 1**

ATTN: Jim Musgrove

Test Start: 2021.09.18 @ 09:19:00

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.99 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5500.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	1763 100% Gas	0.000
124.00	20% Gas 80% Oil	1.739
124.00	10% Oil 15% Water 75% Mud	1.739

Total Length: 248.00 ft      Total Volume: 3.478 bbl

Num Fluid Samples: 0

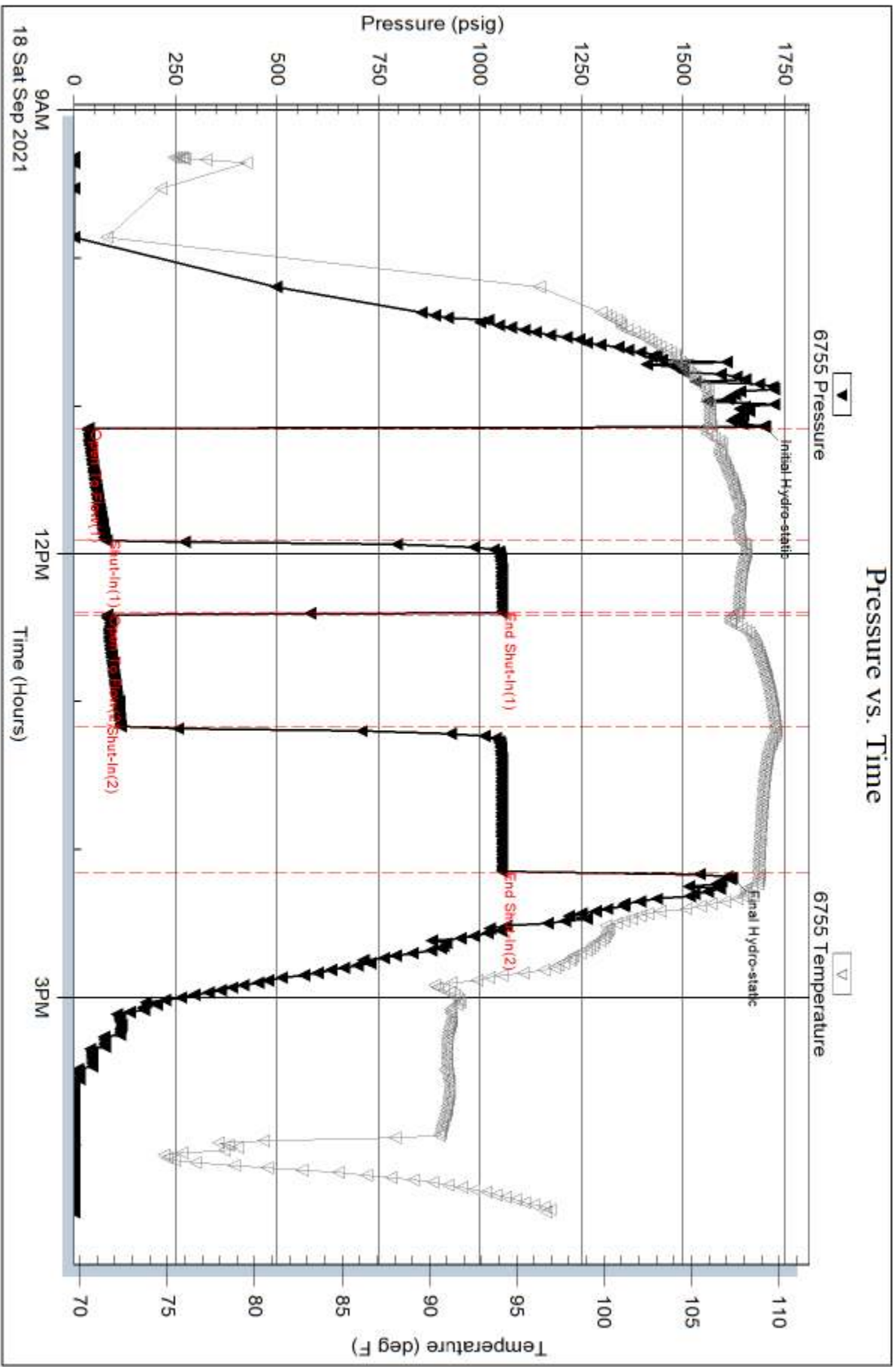
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 1# LCM



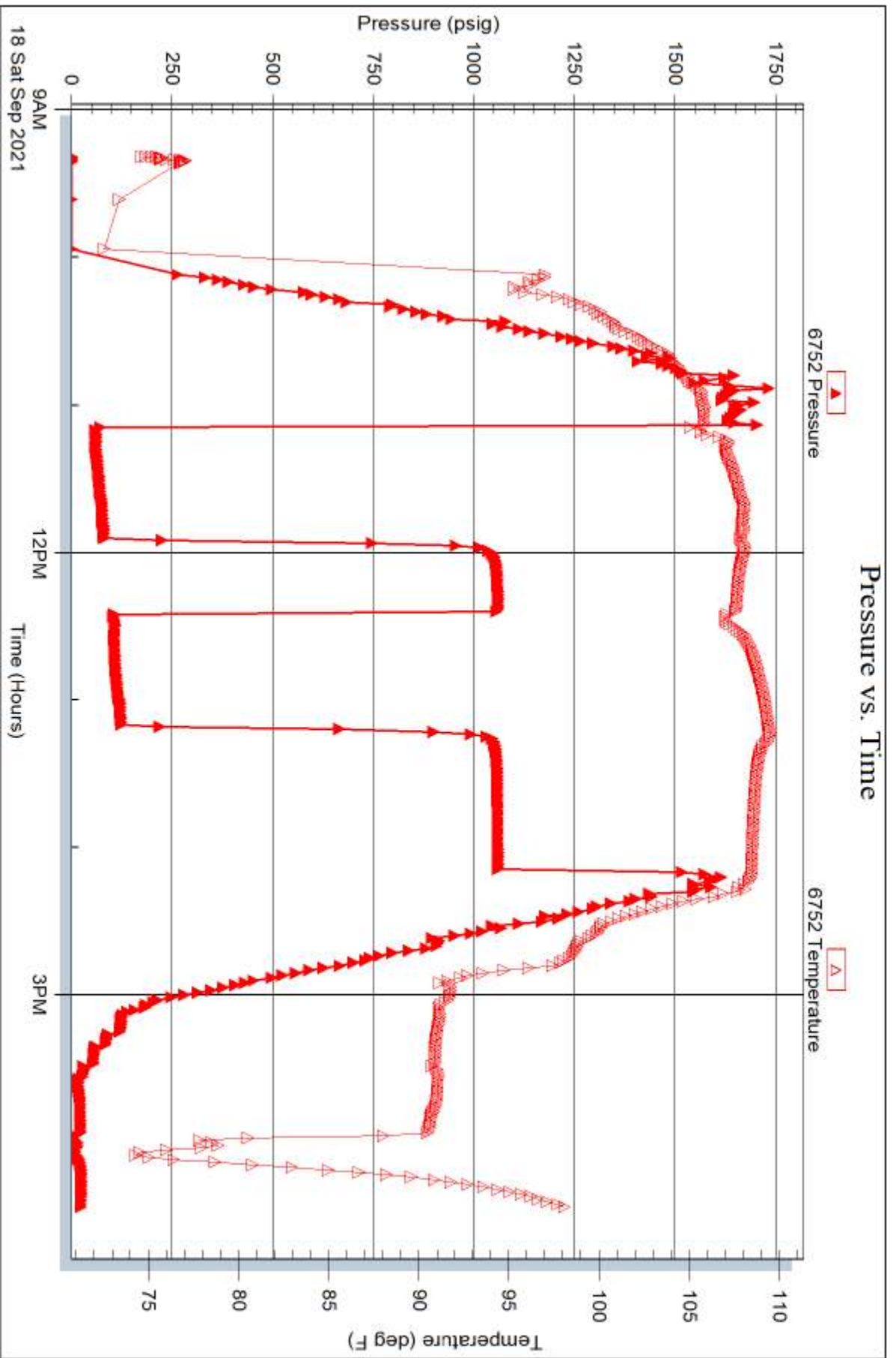


Serial #: 6752

Outside Mai Oil Operations E 800

J A Sice #12

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 67805

Printed: 2021.09.18 @ 18:39:02

**JAMES C. MUSGROVE**

Petroleum Geologist, LLC  
212 Main Street  
P.O. Box 215  
Claflin, KS 67525

Office (620) 588-4250

Res. Claflin (620) 786-0839

Mai Oil Operations, Inc.  
J.A. Stice #12  
NW-SE-NW-SE (1925' FSL & 1672' FEL)  
Section 27-8s-19w  
Rooks County, Kansas

Page 1

**5 1/2" Production Casing Set**

**Contractor:** Southwind Drilling Co. (rig #1)  
**Commenced:** September 13, 2021  
**Completed:** September 19, 2021  
**Elevation:** 1965' K.B., 1963' D.F., 1955' G.L.  
**Casing program:** Surface; 8 5/8" @ 263'  
Production, 5 1/2" @ 3397'  
**Sample:** Samples saved and examined 2800' to the Rotary Total Depth.  
**Drilling time:** One (1) foot drilling time recorded and kept 2800' to the Rotary Total Depth.  
**Measurements:** All depths measured from the Kelly Bushing.  
**Drill Stem Tests:** There was one (1) Drill Stem Tests ran by Trilobite Testing Co.  
**Electric Log:** By Eli; Dual Induction, Compensated Density/Neutron and Micro Log

<u>Formation</u>	<u>Log Depth</u>	<u>Sub-Sea Datum</u>
Anhydrite	1375	+590
Base Anhydrite	1407	+558
Topeka	2901	-936
Heebner	3110	-1145
Toronto	3131	-1166
Lansing	3151	-1186
Base Kansas City	3369	-1404
Conglomerate	3373	-1407
Arbuckle	3393	-1428
Rotary Total Depth	3401	-1436
Log Total Depth	3402	-1437

(All tops and zone(s) corrected to Electric Log Measurements)

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

**TOPEKA SECTION**

3060-3066' Limestone; tan, finely crystalline, oolitic; chalky in part; scattered porosity; light brown stain, no free oil and no odor in fresh samples.  
3080-3090' Limestone, gray, white; oolitic, chalky; poor developed porosity; spotty brown stain, no free oil and no odor in fresh samples.

**TORONTO SECTION**

3131-3140' Limestone, tan, fossiliferous, chalky; few cherty; discoloration in a few cherty pieces; no free oil and no odor in fresh samples.

**LANSING SECTION**

3158-3166' Limestone, white, gray, fossiliferous/oolitic, few medium crystalline, chalky in part; fair porosity; brown and golden brown stain; show of free oil and questionable odor when samples broken.

3191-3200' Limestone, white, cream, highly oolitic, chalky, poor visible porosity, trace spotty brown stain, trace of free oil, with chert, white, orange, yellow, oolitic opaque.

3207-3218' Limestone, white, gray, chalky; poor porosity, no shows.

3226-3230' Limestone; white, gray, fossiliferous, oolitic, chalky; no shows.

3231-3240' Limestone, gray white, cream, oolitic, fair inter-oolitic/vuggy type porosity; brown stain, show of free oil and faint odor.

3240-3250' Limestone, white, cream, fine crystalline to micro-crystalline; chalky (dense) poor porosity; with chert, white/gray, fossiliferous, boney.

3250-3266' Chert; gray, tan, speckled; opaque to boney "fresh" with limestone; tan; re-crystallized sub-rounded oolites; chalky; poor visible porosity; no shows.

3281-3291' Limestone, gray and white, fossiliferous, chalky, poor porosity; trace of light brown spotty stain, no free oil and no odor in fresh samples.

3301-3312' Limestone; white, tan, finely crystalline, chalky, scattered pinpoint porosity, brown and golden brown stain and saturation, no free oil and faint odor in fresh samples.

3341-3350' Limestone, gray, white, fossiliferous/oolitic; slightly chalky; brown stain, trace of free oil and faint odor in fresh samples.

3361-3369' Limestone, white, gray, chalky, few maroon tinted, no shows.

**CONGLOMERATE SECTION**

3373-3393' Shale, blood red, red; blocky; silty; and sand with soft blood red shale (washed red)

**ARBUCKLE SECTION**

3393-3397' Dolomite; tan, grayish pink, finely crystalline, highly cherty; poor porosity, trace of brown and black edge stain, no free oil and faint odor.

Mai Oil Operations, Inc.  
J.A. Stice #12  
NW-SE-NW-SE (1925' FSL & 1672' FEL)  
Section 27-8s-19w  
Rooks County, Kansas

Page 3

3397-3401' Dolomite, tan, gray, fine and medium crystalline, fair to good inter-crystalline and vuggy type porosity, fair to good brown and golden brown stain and saturation, fair show of free oil and good odor in fresh samples.

**Drill Stem Test #1 3345-3401'**

**Times: 45-30-45-60**

**Blow: Good**

**Recovery: 1763' gas in pipe  
125' gassy oil  
(80% oil; 20% gas)  
125' oil cut watery mud  
(10% oil; 15% water; 75% mud)**

**Pressures: ISIP 1055 psi  
FSIP 1055 psi  
IFP 34-80 psi  
FFP 81-115 psi  
HSH 1701-1620 psi**

**Rotary Total Depth: 3401 (-1436)  
Log Total Depth: 3402 (-1437)**

**Recommendations:**

5 1/2" production casing was set and cemented on the Mai Operations Oil Inc., J.A. Stice #12.

Respectfully yours,

James C. Musgrove  
Petroleum Geologist



**QUALITY OILWELL CEMENTING, INC.**  
 PO Box 32 - 740 West Wichita Ave, Russell KS 67665  
 Phone:785-324-1041 fax:785-483-1087  
 Email: cementing@ruralatel.net

**Date:** 9/14/2021  
**Invoice #** 2435

**P.O.#:**  
**Due Date:** 10/14/2021  
**Division:** *Russell*

# Invoice

**Contact:**  
 Mai Oil Operations  
**Address/Job Location:**  
 8411 Preston Rd. Ste 800  
 Dallas TX 75225-5520

**Reference:**  
 J A STICE 12 SEC 27-8-19

**Description of Work:**  
 SURFACE JOB

Services / Items Included:	Quantity	Price	Taxable	Item	Quantity	Price	Taxable
Labor		\$ 684.02	No				
Common-Class A	105	\$ 1,658.30	Yes				
POZ Mix-Standard	70	\$ 375.67	Yes				
Calcium Chloride	8	\$ 343.47	Yes				
Bulk Truck Matl-Material Service Charge	186	\$ 142.60	No				
Pump Truck Mileage-Job to Nearest Camp	40	\$ 138.00	No				
Bulk Truck Mileage-Job to Nearest Bulk Plant	40	\$ 107.33	No				
Premium Gel (Bentonite)	3	\$ 66.70	Yes				

**Invoice Terms:**

Net 30

	<i>SubTotal:</i>	\$ 3,516.09
	<i>Discount Available <u>ONLY</u> if Invoice is Paid &amp; Received within listed terms of invoice:</i>	\$ (87.90)
<hr/>		
	SubTotal for Taxable Items:	\$ 2,383.03
	SubTotal for Non-Taxable Items:	\$ 1,045.15
<hr/>		
	Total:	\$ 3,428.19
	Tax:	\$ 166.81
<hr/>		
	<b>Amount Due:</b>	<b>\$ 3,595.00</b>
	<b>Applied Payments:</b>	
	<b>Balance Due:</b>	<b>\$ 3,595.00</b>

**Thank You For Your Business!**

Past Due Invoices are subject to a service charge (annual rate of 24%)  
 This does not include any applicable taxes unless it is listed.  
 ©2008-2013 Straker Investments, LLC. All rights reserved.

7.00% Rooks County Sales Tax

# QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-1071  
Cell 785-324-1041

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

No. **2435**

Date	1# 9-14-21	Sec.	27	Twp.	8	Range	19	County	Rooks	State	Ks	On Location		Finish	4:30Am
------	---------------	------	----	------	---	-------	----	--------	-------	-------	----	-------------	--	--------	--------

Location **Zurich 6N 6E 2W**

Lease	<b>JA Stice</b>		Well No.	<b>12</b>		Owner					
Contractor	<b>Southwind</b>						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.				
Type Job	<b>SURFACE</b>						Charge To	<b>MAT OIL</b>			
Hole Size	<b>12 1/2</b>		T.D.	<b>264</b>		Street					
Csg.	<b>8 5/8</b>		Depth	<b>263</b>		City	State				
Tbg. Size			Depth			The above was done to satisfaction and supervision of owner agent or contractor.					
Tool			Depth			Cement Amount Ordered <b>175 5/4 60/40 4-2</b>					
Cement Left in Csg.			Shoe Joint								
Meas Line			Displace								

**EQUIPMENT**

Pumptrk	<b>17</b>	No.	Cementer		Common	<b>105</b>
			Helper	<b>Bill CRAIG</b>	Poz. Mix	<b>70</b>
Bulktrk		No.	Driver		Gel.	<b>3</b>
			Driver		Calcium	<b>8</b>
Bulktrk	<b>9</b>	No.	Driver	<b>Jordan</b>		
			Driver			

**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
<b>RAN 6 5/8 8 5/8 into 263</b>	Handling <b>186</b>
	Mileage

**Cement 175 at pump plug of cement did cure**

**FLOAT EQUIPMENT**

	Guide Shoe
	Centralizer
	Baskets
	AFU Inserts
	Float Shoe
	Latch Down

Pumptrk Charge **Surface**  
Mileage **40**

X Signature **Frank J. Rowe**

**Thanks**

Tax  
Discount  
Total Charge



**QUALITY OILWELL CEMENTING, INC.**  
 PO Box 32 - 740 West Wichita Ave, Russell KS 67665  
 Phone:785-324-1041 fax:785-483-1087  
 Email: cementing@ruraitel.net

Date: 9/19/2021  
 Invoice # 2440

P.O.#:  
 Due Date: 10/19/2021  
 Division: Russell

# Invoice

**Contact:**  
 Mai Oil Operations  
**Address/Job Location:**

8411 Preston Rd. Ste 800  
 Dallas TX 75225-5520

**Reference:**  
 J A STICE 12 SEC 27-8-19

**Description of Work:**  
 PROD STRING

Services / Items Included:	Quantity	Price	Taxable	Item	Quantity	Price	Taxable
Labor		\$ 949.90	No	Salt (Fine)	13	\$130.56	Yes
Multi Density- 80/20	400	\$ 5,520.00	Yes	Pump Truck Mileage-Job to Nearest Camp	40	\$138.00	No
Common-Class A	90	\$ 1,421.40	Yes	Bulk Truck Mileage-Job to Nearest Bulk Plant	40	\$107.33	No
5 1/2" Triplex Shoe	1	\$ 1,027.33	Yes	Premium Gel (Bentonite)	3	\$66.70	Yes
5 1/2" Basket	4	\$ 858.67	Yes	5 1/2" Limit Clamps	1	\$30.28	Yes
Mud Clear	500	\$ 559.67	Yes				
5 1/2" Turbolizer	9	\$ 496.80	Yes				
Bulk Truck Matl-Material Service Charge	553	\$ 423.97	No				
POZ Mix-Standard	60	\$ 322.00	Yes				
Flo Seal	140	\$ 214.67	Yes				
Latch Down Plug & Baffle, 5 1/2"	1	\$ 203.93	Yes				

SubTotal: \$ 12,471.21

**Invoice Terms:**

Net 30

Discount Available ONLY if Invoice is Paid & Received within listed terms of invoice: \$ (311.78)

SubTotal for Taxable Items:	\$ 10,580.71
SubTotal for Non-Taxable Items:	\$ 1,578.72
<b>Total:</b>	<b>\$ 12,159.43</b>
Tax:	\$ 740.65

7.00% Rooks County Sales Tax

**Amount Due: \$ 12,900.08**  
**Applied Payments:**  
**Balance Due: \$ 12,900.08**

**Thank You For Your Business!**

Past Due Invoices are subject to a service charge (annual rate of 24%)  
 This does not include any applicable taxes unless it is listed.  
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# QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-1071

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

No. 2440

Cell 785-324-1041

Date	9-9-74	Sec.	27	Twp.	8	Range	19	County	ROOKS	State	KS	On Location		Finish	1:15 PM
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Location ZURICH ON 4 E

Lease	<u>J.A. Stice</u>			Well No.	<u>12</u>	Owner	To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cement and helper to assist owner or contractor to do work as listed.
Contractor	<u>Southwind</u>					Charge To	<u>MAT OIL OP</u>
Type Job	<u>LONG STRING</u>			T.D.	<u>3401</u>	Street	
Hole Size	<u>7 7/8</u>	#1		Depth		City	State
Csg.	<u>5 1/2</u>			Depth		The above was done to satisfaction and supervision of owner agent or contractor.	
Tbg. Size				Depth		Cement Amount Ordered	<u>500 yd Flush 400 80/20 Qmjc</u>
Tool				Shoe Joint	<u>42.39</u>		<u>150 yd 40 109 Salt 2% Gel 4 # Floss 1 + P10</u>
Cement Left in Csg.	<u>42.39</u>			Displace	<u>81.8</u>	Common	<u>70</u>
Meas Line						Poz. Mix	<u>60</u>

**EQUIPMENT**

Pumptrk	<u>16</u>	No.		Cementer	<u>Bill</u>		
				Helper	<u>Craig</u>		
Bulktrk	<u>19</u>	No.		Driver	<u>Brett</u>		
				Driver	<u>Doog</u>		
Bulktrk	<u>14</u>	No.		Driver			
				Driver			
						Calcium	<u>400 90/20 Qmjc</u>

**JOB SERVICES & REMARKS**

Remarks:		Salt	<u>13</u>
Rat Hole	<u>5</u>	Flowseal	<u>140 #</u>
Mouse Hole	<u>30</u>	Kol-Seal	
Centralizers		Mud CLR 48	<u>500 gel</u>
Baskets		CFL-117 or CD110 CAF 38	
D/V or Port Collar		Sand	
<u>pipe ret e 3387.80</u>		Handling	<u>553</u>
<u>Shoe JT 42.39</u>		Mileage	
<u>Insert e 3345.41</u>			
<u>open shoe</u>			
<u>pump seal gel flush</u>			
<u>central 370 yd Qmjc Follow w/ 150 yd</u>			
<u>pump plug w/ 81.8 bbls water</u>			
<u>Land plug e 1700 #</u>			
<u>Float did hold</u>			
<u>1200 Li Set Pst</u>			

**FLOAT EQUIPMENT**

Guide Shoe	
Centralizer	<u>9</u>
Baskets	<u>4</u>
AFU Inserts	<u>1 LD</u>
Float Shoe	
Latch Down	
TRIPLEX shoe - 1	
STOPRING - 1	
Pumptrk Charge	<u>prod string</u>
Mileage	<u>40</u>

Signature [Handwritten Signature]

Thanks

Tax  
Discount  
Total Charge