

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. 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
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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				

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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JAMES C. MUSGROVE

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

Office (620) 588-4250

Res. Claflin (620) 587-3444

Mai Oil Operations
Button #1
N/2-NE-SE-NE
Section 13-19s-13w
Barton County, Kansas

Page 1

Dry and Abandoned

Contractor: Southwind Drilling Co. (rig #3)
Commenced: June 30, 2017
Completed: July 6, 2017
Elevation: 1892' K.B., 1890' D.F., 1884' G.L.
Casing program: Surface; 8 5/8" @ 757'
Production, 5 1/2" @ none
Sample: Samples saved and examined 3000' to the Rotary Total Depth.
Drilling time: One (1) foot drilling time recorded and kept 3000' to the Rotary Total Depth.
Measurements: All depths measured from the Kelly Bushing.
Drill Stem Tests: There were two (2) Drill Stem Tests ran by Trilobite Testing Co.
Electric Log: By Eli Wireline Services, Dual Induction, Compensated Density/Neutron and Micro Log.

<u>Formation</u>	<u>Log Depth</u>	<u>Sub-Sea Datum</u>
Anhydrite	751	+1141
Base Anhydrite	777	+1115
Heebner	3082	-1190
Toronto	3099	-1207
Douglas	3113	-1221
Brown Lime	3190	-1298
Lansing	3203	-1311
Base Kansas City	3441	-1549
Conglomerate	3452	-1560
Arbuckle	3510	-1618
Rotary Total Depth	3555	-1663
Log Total Depth	3554	-1662

(All tops and zones corrected to Electric Log Measurement)

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

TOPEKA SECTION

3030-3036 Limestone, gray, tan, fossiliferous in part, sub-oomoldic, chalky, trace poor brown spotty stain, no free oil and no odor in fresh samples.

TORONTO SECTION

3099-3110' Limestone, gray, tan, fine and medium crystalline, chalky in part, no shows.

LANSING SECTION

3203-3208' Limestone, tan, fossiliferous, chalky in part, poor visible porosity; golden brown stain, no free oil and no odor in fresh samples

3228-3232' Limestone, white, tan, fossiliferous, chalky, poor porosity, poor stain, weak show of free oil and no odor in fresh samples.

3247-3252' Limestone, gray, fossiliferous, scattered vuggy type porosity, gray and black stain; no free oil and questionable odor in samples, broken.

3268-3272' Limestone, gray, oolitic, poor to fair porosity, golden brown stain; show of free oil and faint odor in fresh samples.

Drill Stem Test #1 3196-3276

Times: 30-30-45-60

Blow: Strong

**Recovery: 1736' gas in pipe
124' oil and gas cut mud
(20% gas; 15% oil; 65% mud)**

**Pressures: ISIP 355 psi
FSIP 797 psi
IFP 18-39 psi
FFP 46-61 psi
HSH 1564-1517 psi**

3290-3300' Limestone, tan, oomoldic, fair oomoldic porosity, (barren)

3300-3310' Limestone, as above, good oomoldic porosity, no shows.

3336-3342' Limestone, tan, sub-oomoldic, poor to fair porosity, poor brown stain, weak show of free oil and questionable odor in fresh samples.

3352-3355' Limestone, white, oolitic, chalky; poor porosity, brown spotty stain,, no free oil and no odor in fresh samples.

3367-3371' Limestone, as above, poorly developed porosity, poor spotty brown stain, no show of free oil and no odor in fresh samples.

- 3374-3380' Limestone, white, gray, fossiliferous, chalky, no show.
- 3396-3400' Limestone, white, fine to medium crystalline, fossiliferous, fair brown stain and saturation, show of free oil and faint odor in fresh samples.

Drill Stem Test #2 **3321-3410**

Times: 30-30-45-60

Blow: Strong

**Recovery: 1103' gas in pipe
(20% oil; 80% mud)**

**Pressures: ISIP 367 psi
FSIP 837 psi
IFP 17-30 psi
FFP 31-42 psi
HSH 1641-1606 psi**

CONGLOMERATE SECTION

- 3452-3464' Shale, maroon, blocky, plus orange, red opaque chert; plus white oolitic chert.
- 3464-3480' Chert and shale as above.
- 3480-3500' Chert; as above, plus white, oolitic, chert; and maroon blocky to soft shale.
- 3500-3513' Chert and shale as above.

ARBUCKLE SECTION

- 3510-3520' Dolomite, tan, finely crystalline, sucrosic, scattered porosity, no shows.
- 3520-3530' Dolomite, as above, poor visible porosity, no shows.
- 3530-3540' Dolomite, tan, sucrosic, poorly developed porosity, trace white to clear to translucent chert and no shows.
- 3540-3555' Dolomite, white and gray, finely crystalline, sucrosic in part, poor porosity, plus trace white chert; no shows.

Rotary Total Depth 3555

Log Total Depth 3554

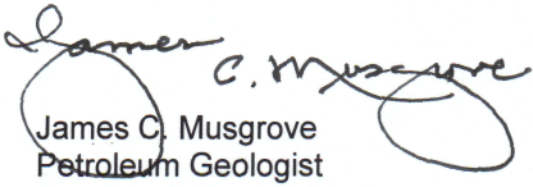
Mai Oil Operations
Button #1
N/2-NE-SE-NE
Section 13-19s-13w
Barton County, Kansas

Page 4

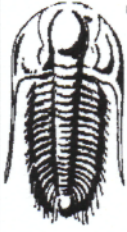
Recommendations:

The Button #1 was plugged and abandoned at the Rotary Total Depth 3555

Respectfully yours,


James C. Musgrove
Petroleum Geologist





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Mai Oil Operations Incorporated
8411 Preston Road Suite 800
Dallas TX 75225+5520
ATTN: Jim Musgrove

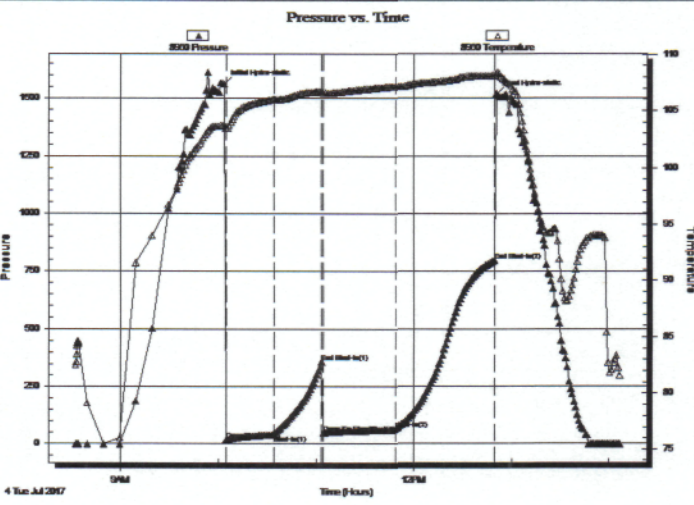
13-19S-13W Barton,KS
Button #1
Job Ticket: 64799 **DST#: 1**
Test Start: 2017.07.04 @ 08:32:00

GENERAL INFORMATION:

Formation: **LKC A-F**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 10:04:30
Time Test Ended: 14:06:30
Interval: **3196.00 ft (KB) To 3276.00 ft (KB) (TVD)**
Total Depth: 3276.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Initial)
Tester: Ken Sw inney
Unit No: 72
Reference Elevations: 1892.00 ft (KB)
1884.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 8960 Outside
Press@RunDepth: 797.64 psig @ 3198.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2017.07.04 End Date: 2017.07.04 Last Calib.: 2017.07.04
Start Time: 08:32:05 End Time: 14:06:29 Time On Btm: 2017.07.04 @ 10:03:30
Time Off Btm: 2017.07.04 @ 12:50:30

TEST COMMENT: IFP 30 Mintues Blow built to BOB in 7 minutes
ISI 30 Mintues No blow back
FFP 45 Mintues Blow built to BOB in 20 seconds
FSI 60 Minutes 1 inch blow back in 5 minutes then died in 15 minutes



PRESSURE SUMMARY

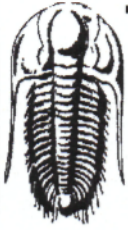
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1563.36	103.75	Initial Hydro-static
1	18.22	103.47	Open To Flow (1)
31	39.88	106.00	Shut-In(1)
60	356.30	106.71	End Shut-In(1)
61	46.18	106.60	Open To Flow (2)
105	61.95	107.16	Shut-In(2)
166	797.64	108.12	End Shut-In(2)
167	1517.84	108.34	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	GOCM Oil 15% Gas 20% Mud 65%	1.74
0.00	1736' GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Mai Oil Operations Incorporated
8411 Preston Road Suite 800
Dallas TX 75225+5520
ATTN: Jim Musgrove

13-19S-13W Barton,KS
Button #1
Job Ticket: 64799 **DST#: 1**
Test Start: 2017.07.04 @ 08:32:00

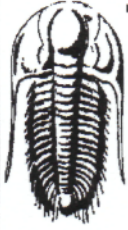
Tool Information

Drill Pipe:	Length: 3205.00 ft	Diameter: 3.80 inches	Volume: 44.96 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	40000.00 lb
			<u>Total Volume: 44.96 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	29.00 ft			String Weight: Initial	37000.00 lb
Depth to Top Packer:	3196.00 ft			Final	37000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	79.70 ft				
Tool Length:	99.70 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut-In Tool	5.00			3181.00	
Hydraulic tool	5.00			3186.00	
Top Packer	5.00			3191.00	
Packer	5.00			3196.00	20.00 Bottom Of Top Packer
Recorder	1.00	8354	Inside	3197.00	
Recorder	1.00	8960	Outside	3198.00	
Anchor	10.00			3208.00	
Change Over Sub	1.00			3209.00	
Drill Pipe	62.70			3271.70	
Change Over Sub	1.00			3272.70	
Bullnose	3.00			3275.70	79.70 Anchor Tool

Total Tool Length: 99.70



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Mai Oil Operations Incorporated
8411 Preston Road Suite 800
Dallas TX 75225+5520
ATTN: Jim Musgrove

13-19S-13W Barton,KS
Button #1
Job Ticket: 64799 **DST#: 1**
Test Start: 2017.07.04 @ 08:32:00

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: 68.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.78 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3500.00 ppm			
Filter Cake: 2.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
124.00	GOCM Oil 15%Gas20%Mud 65%	1.739
0.00	1736' GIP	0.000

Total Length: 124.00 ft Total Volume: 1.739 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Serial #: 8354

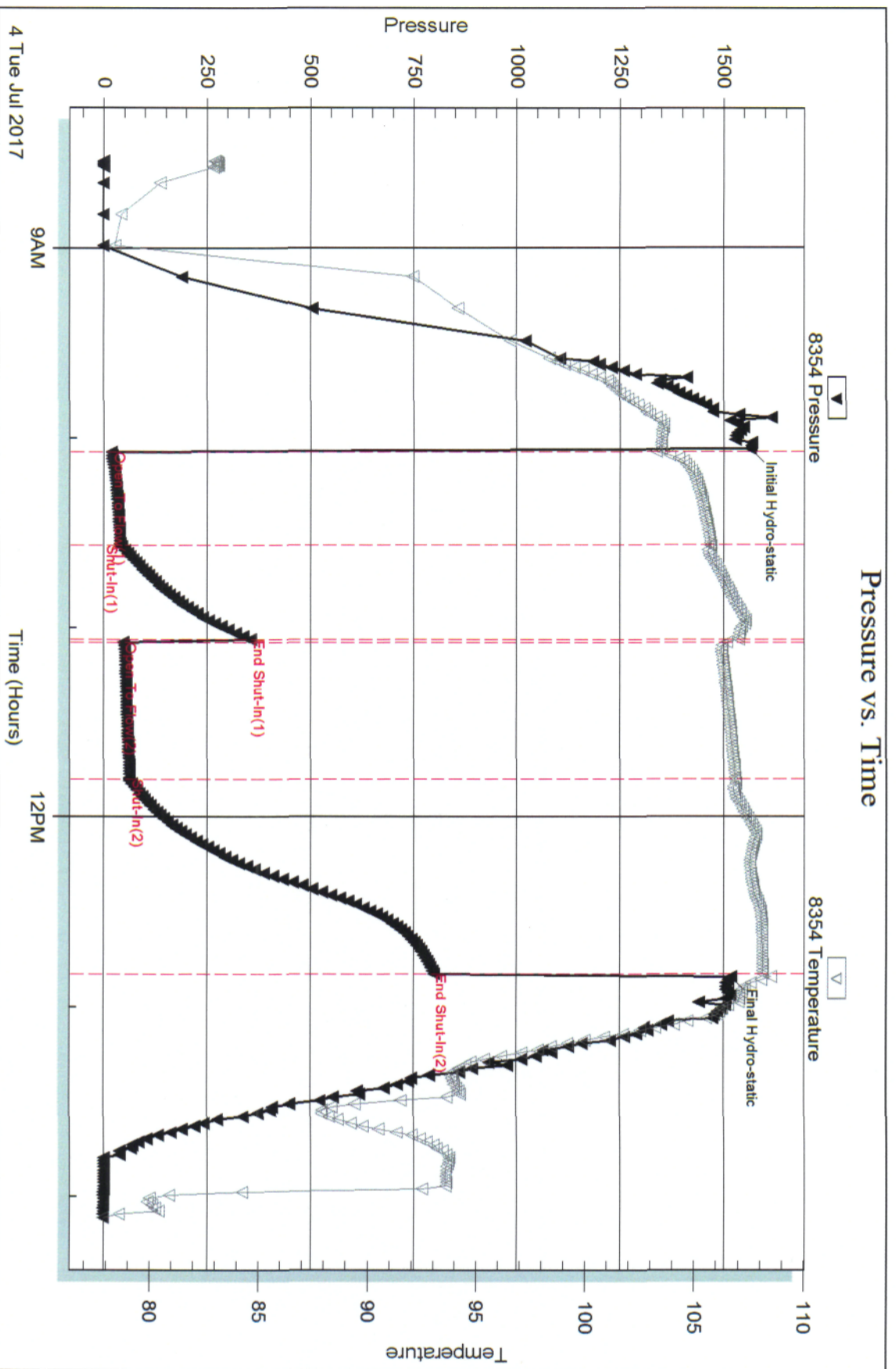
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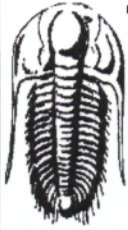
Mai Oil Operations Incorporated

Burton #1

DST Test Number: 1

Pressure vs. Time





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Mai Oil Operations Incorporated
 8411 Preston Road Suite 800
 Dallas TX 75225+5520
 ATTN: Jim Musgrove

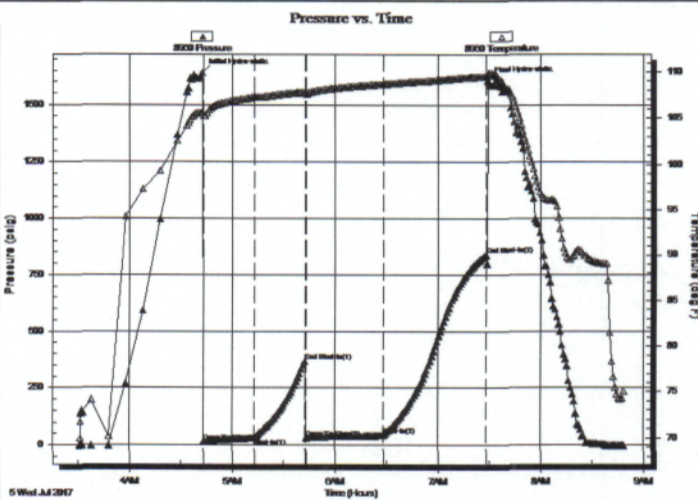
13-19S-13W Barton,KS
Button #1
 Job Ticket: 64800 **DST#: 2**
 Test Start: 2017.07.05 @ 03:31:00

GENERAL INFORMATION:

Formation: **LKC H-K**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 04:43:30
 Time Test Ended: 08:49:00
 Interval: **3321.00 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 (Initial)
 Tester: Ken Swinney
 Unit No: 72
 Reference Elevations: 1892.00 ft (KB)
 1884.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8960 **Outside**
 Press@RunDepth: 837.24 psig @ 3323.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2017.07.05 End Date: 2017.07.05 Last Calib.: 2017.07.05
 Start Time: 03:31:05 End Time: 08:48:59 Time On Btm: 2017.07.05 @ 04:42:30
 Time Off Btm: 2017.07.05 @ 07:29:00

TEST COMMENT: IFP 30 Minutes Blow built to BOB in 6 1/2 minutes
 ISI 30 Minutes No blow back
 FFP 45 Minutes Blow built to BOB in 15 seconds
 FSI 60 Minutes Surface blow back died in 5 minutes



PRESSURE SUMMARY

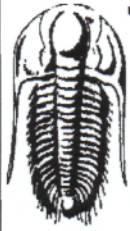
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1640.16	105.61	Initial Hydro-static
1	14.84	105.30	Open To Flow (1)
31	30.00	107.24	Shut-In(1)
60	367.20	107.82	End Shut-In(1)
61	29.93	107.58	Open To Flow (2)
106	41.98	108.65	Shut-In(2)
166	837.24	109.53	End Shut-In(2)
167	1606.00	109.82	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
75.00	OCM Oil 20% Mud 80%	1.05
0.00	1103' GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Mai Oil Operations Incorporated
8411 Preston Road Suite 800
Dallas TX 75225+5520
ATTN: Jim Musgrove

13-19S-13W Barton,KS
Button #1
Job Ticket: 64800 **DST#: 2**
Test Start: 2017.07.05 @ 03:31:00

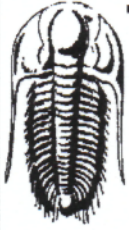
Tool Information

Drill Pipe:	Length: 3330.00 ft	Diameter: 3.80 inches	Volume: 46.71 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	38000.00 lb
			<u>Total Volume: 46.71 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	29.00 ft			String Weight: Initial	34000.00 lb
Depth to Top Packer:	3321.00 ft			Final	36000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	88.70 ft				
Tool Length:	108.70 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut-In Tool	5.00			3306.00	
Hydraulic tool	5.00			3311.00	
Top Packer	5.00			3316.00	
Packer	5.00			3321.00	20.00 Bottom Of Top Packer
Recorder	1.00	8354	Inside	3322.00	
Recorder	1.00	8960	Outside	3323.00	
Anchor	19.00			3342.00	
Change Over Sub	1.00			3343.00	
Drill Pipe	62.70			3405.70	
Change Over Sub	1.00			3406.70	
Bullnose	3.00			3409.70	88.70 Anchor Tool

Total Tool Length: 108.70



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Mai Oil Operations Incorporated
8411 Preston Road Suite 800
Dallas TX 75225+5520
ATTN: Jim Musgrove

13-19S-13W Barton,KS
Button #1
Job Ticket: 64800 DST#: 2
Test Start: 2017.07.05 @ 03:31:00

Mud and Cushion Information

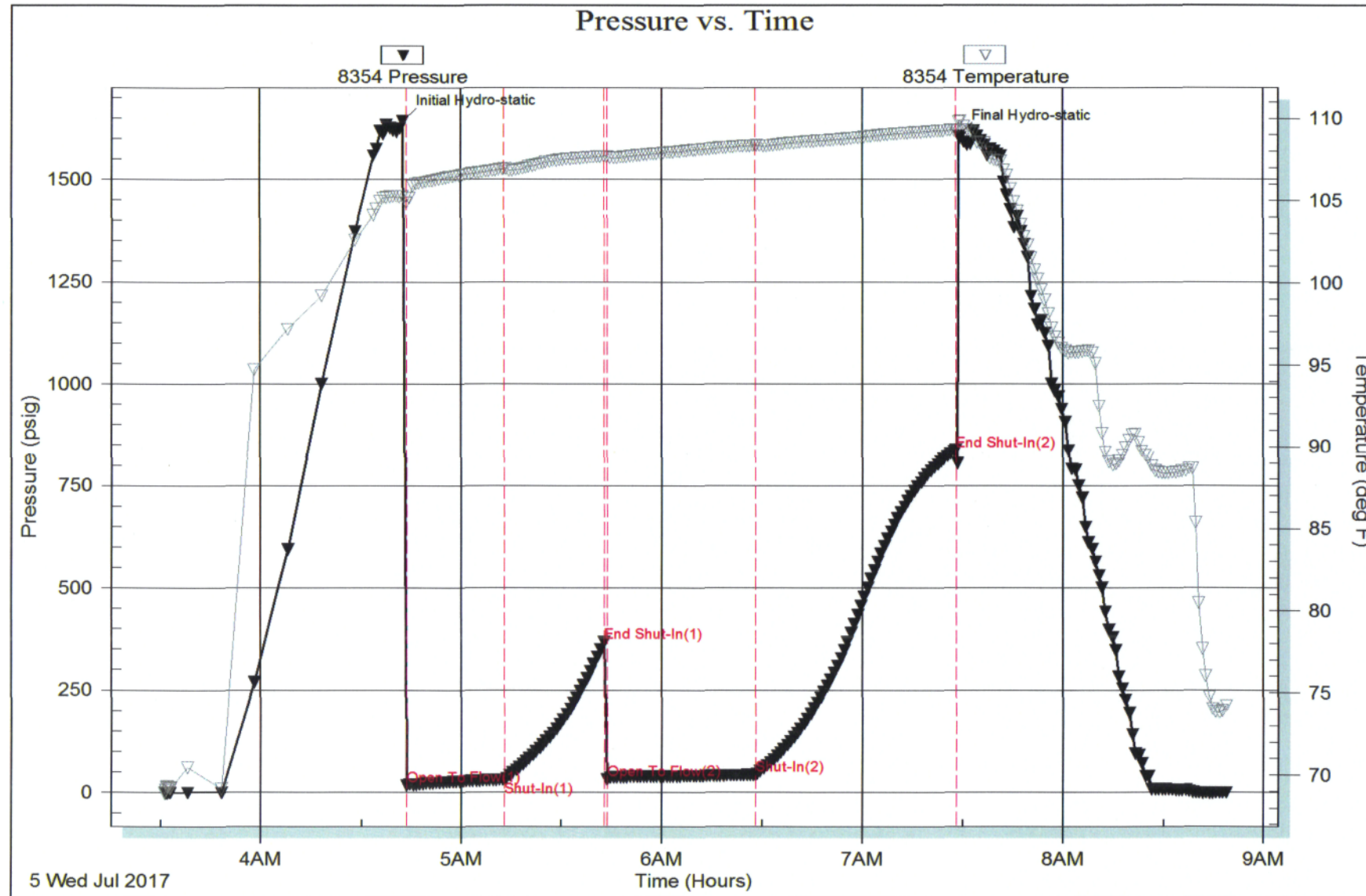
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 68.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.79 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3500.00 ppm			
Filter Cake: 2.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
75.00	OCM Oil 20% Mud 80%	1.052
0.00	1103' GIP	0.000

Total Length: 75.00 ft Total Volume: 1.052 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:



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. 254

Date	6-30-17	Sec.	13	Twp.	19	Range	13	County	Barton	State	Ks	On Location		Finish	10:15 PM
------	---------	------	----	------	----	-------	----	--------	--------	-------	----	-------------	--	--------	----------

Location: 281 + Juice Rd - 4E to 40th Ave

Lease	Button	Well No.	1	Owner	V45 W15
Contractor	Southwind	#3		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	Surface			Charge To	Main oil operations
Hole Size	12 1/4"	T.D.	757'	Street	
Csg.	8 3/8"	Depth	757'	City	
Tbg. Size		Depth		State	
Tool		Depth		The above was done to satisfaction and supervision of owner agent or contractor.	
Cement Left in Csg.	20'	Shoe Joint	20'	Cement Amount Ordered	300 60/40 4% CC 3% Gel
Meas Line		Displace	47 BS		

EQUIPMENT

Pumptrk	16	No.	Cementer	Rick	Common	180
			Helper		Poz. Mix	120
Bulktrk	9	No.	Driver	Doug	Gel.	6
			Driver		Calcium	13
Bulktrk		No.	Driver			

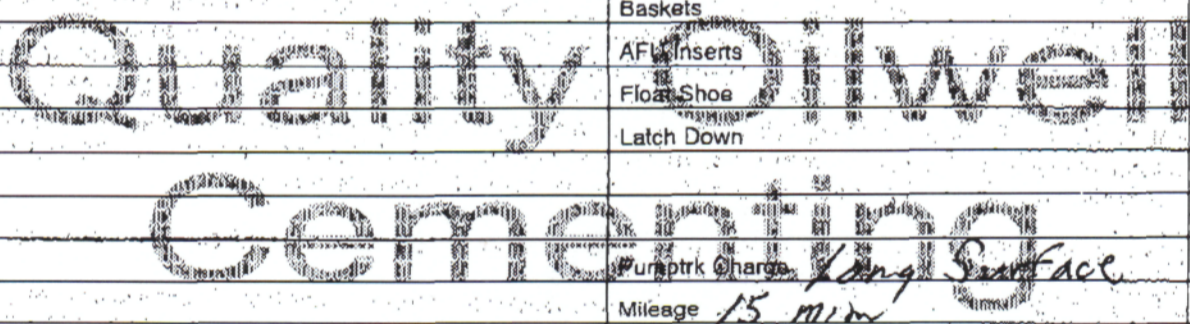
JOB SERVICES & REMARKS

Remarks:	Cement did Circulate	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	

Handling	
Mileage	

HEAT EQUIPMENT

Float Shoe	Rubber plug
Centralizer	
Baskets	
AFW Inserts	
Float Shoe	
Latch Down	



Pumptrk Charge	Long Surface
Mileage	15 min

X Signature *Jay Davis*

Tax	
Discount	
Total Charge	