



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1159598  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
August 2013

Form must be Typed  
Form must be Signed  
All blanks must be Filled

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # \_\_\_\_\_

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

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

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

Wellsite Geologist: \_\_\_\_\_

Purchaser: \_\_\_\_\_

Designate Type of Completion:

- New Well       Re-Entry       Workover
- Oil       WSW       SWD       SIOW
- Gas       D&A       ENHR       SIGW
- OG       GSW       Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic       Other (Core, Expl., etc.): \_\_\_\_\_

If Workover/Re-entry: Old Well Info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

- Deepening       Re-perf.       Conv. to ENHR       Conv. to SWD
- Plug Back       Conv. to GSW       Conv. to Producer
- Commingled      Permit #: \_\_\_\_\_
- Dual Completion      Permit #: \_\_\_\_\_
- SWD      Permit #: \_\_\_\_\_
- ENHR      Permit #: \_\_\_\_\_
- GSW      Permit #: \_\_\_\_\_

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_-  
Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_-  
Feet from  North /  South Line of Section

\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_-  
Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE       NW       SE       SW

GPS Location: Lat: \_\_\_\_\_, Long: \_\_\_\_\_  
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum:  NAD27       NAD83       WGS84

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

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

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

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

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

Total Vertical Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from: \_\_\_\_\_

feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan

*(Data must be collected from the Reserve Pit)*

Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: \_\_\_\_\_

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

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



1159598

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  List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*  
 Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 3)*  
 Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?  Yes  No *(If No, fill out Page Three of the ACO-1)*

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

TUBING RECORD:      Size: \_\_\_\_\_ Set At: \_\_\_\_\_ Packer At: \_\_\_\_\_ Liner Run:  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

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <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>	<b>PRODUCTION INTERVAL:</b> _____ _____
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Form	ACO1 - Well Completion
Operator	Shakespeare Oil Co., Inc.
Well Name	Tucker 2-9
Doc ID	1159598

All Electric Logs Run

Array Induction
Photo Density
Comp Neutron
Microlog
Sonic

Form	ACO1 - Well Completion
Operator	Shakespeare Oil Co., Inc.
Well Name	Tucker 2-9
Doc ID	1159598

Tops

Name	Top	Datum
Base Anhydrite	2494	+655
Heebner	3996	-847
Lansing	4042	-893
Muncie Creek	4221	-1072
Stark Shale	4314	-1165
Hushpuckney	4360	-1211
Pawnee	4530	-1381
Cherokee Shale	4608	-1459
Johnson	4651	-1502
Morrow Shale	4734	-1585
Mississippian	4786	-1637



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Shakespeare Oil Company, Inc.

**9-16-13 Scott Co KS**

202 West Main Street  
Salem II 62881

**Tucker 2-9**

Job Ticket: 52918

**DST#: 1**

ATTN: Tim Priest

Test Start: 2013.09.15 @ 20:36:15

## GENERAL INFORMATION:

Formation: **I-J**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 23:01:30  
 Time Test Ended: 04:02:45  
 Interval: **4272.00 ft (KB) To 4310.00 ft (KB) (TVD)**  
 Total Depth: 4310.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: Mike Roberts  
 Unit No: 65  
 Reference Elevations: 3144.00 ft (KB)  
 3139.00 ft (CF)  
 KB to GR/CF: 5.00 ft

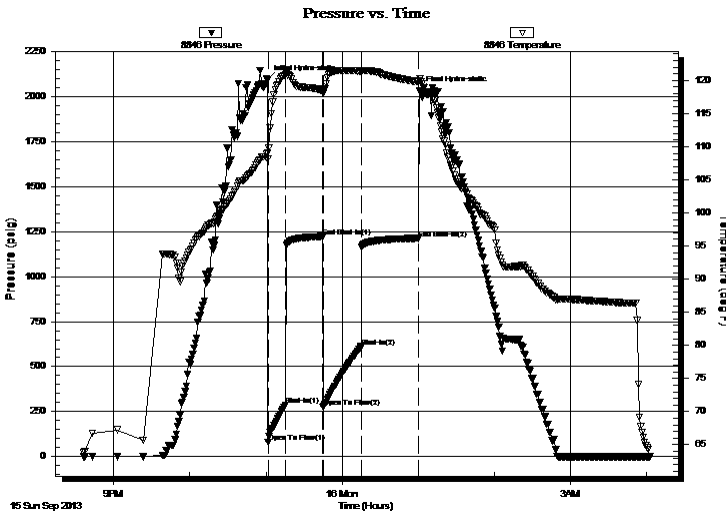
**Serial #: 8846**

**Outside**

Press @ Run Depth: 610.54 psig @ 4273.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2013.09.15 End Date: 2013.09.16 Last Calib.: 2013.09.16  
 Start Time: 20:36:15 End Time: 04:02:45 Time On Btm: 2013.09.15 @ 23:01:15  
 Time Off Btm: 2013.09.16 @ 01:00:45

TEST COMMENT: IF:BOB in 4 min.  
 IS:No return blow  
 FF:BOB in 3 min.  
 FS:No return blow

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2093.77	109.01	Initial Hydro-static
1	80.58	108.15	Open To Flow (1)
14	286.94	120.90	Shut-In(1)
44	1223.18	118.45	End Shut-In(1)
44	272.53	118.08	Open To Flow (2)
74	610.54	121.41	Shut-In(2)
119	1213.11	119.76	End Shut-In(2)
120	2032.53	119.98	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
485.00	sw 100%sw	5.72
366.00	w cm 30%w 70%m	5.13

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Shakespeare Oil Company, Inc.

**9-16-13 Scott Co KS**

202 West Main Street  
Salem II 62881

**Tucker 2-9**

Job Ticket: 52918

**DST#: 1**

ATTN: Tim Priest

Test Start: 2013.09.15 @ 20:36:15

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

19000 ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.97 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4700.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
485.00	sw 100%sw	5.719
366.00	w cm 30%w 70%m	5.134

Total Length: 851.00 ft      Total Volume: 10.853 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

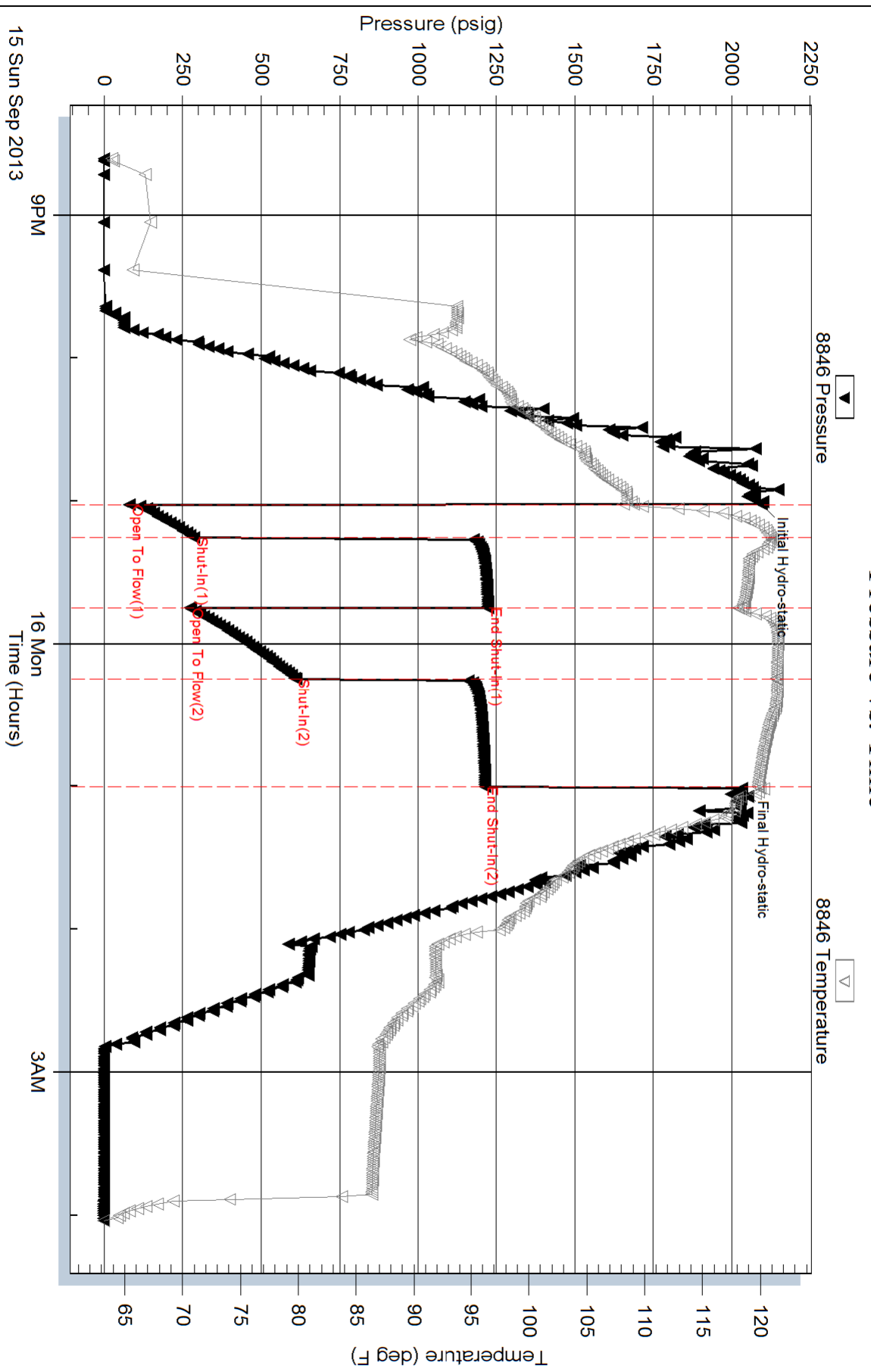
Serial #:

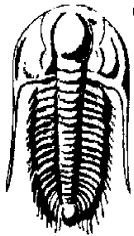
Laboratory Name:

Laboratory Location:

Recovery Comments: RW= .567@63\*=19,000 ppm

### Pressure vs. Time





**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Shakespeare Oil Company, Inc.

**9-16-13 Scott Co KS**

202 West Main Street  
Salem II 62881

**Tucker 2-9**

Job Ticket: 52919

**DST#: 2**

ATTN: Tim Priest

Test Start: 2013.09.17 @ 06:33:15

## GENERAL INFORMATION:

Formation: **Marmaton A-B**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:29:00

Time Test Ended: 13:23:45

Test Type: Conventional Bottom Hole (Reset)

Tester: Mike Roberts

Unit No: 65

**Interval: 4451.00 ft (KB) To 4500.00 ft (KB) (TVD)**

Reference Elevations: 3144.00 ft (KB)

Total Depth: 4500.00 ft (KB) (TVD)

3139.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

**Serial #: 8846 Outside**

Press @ Run Depth: 27.66 psig @ 4485.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.09.17 End Date: 2013.09.17

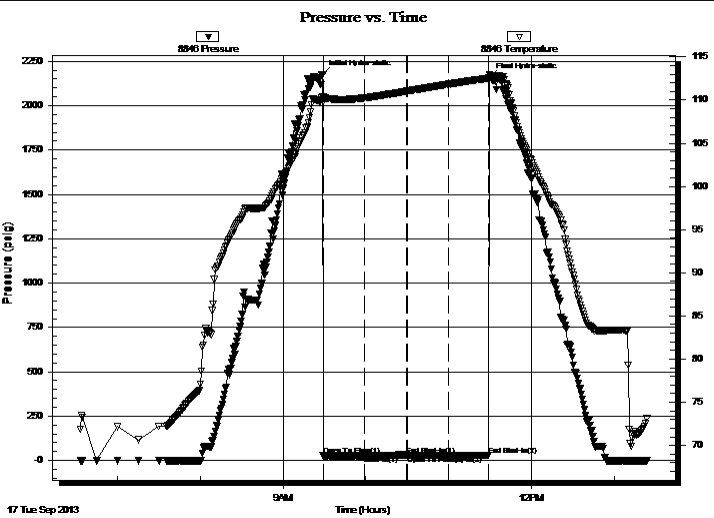
Last Calib.: 2013.09.17

Start Time: 06:33:15 End Time: 13:23:45

Time On Btm: 2013.09.17 @ 09:28:45

Time Off Btm: 2013.09.17 @ 11:29:30

**TEST COMMENT:** IF:Weak surface blow died in 15 min.  
IS:No return blow  
FF:No blow  
FS:No return blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2174.45	110.41	Initial Hydro-static
1	26.65	109.87	Open To Flow (1)
31	27.54	110.25	Shut-In(1)
61	32.04	111.02	End Shut-In(1)
62	27.68	111.03	Open To Flow (2)
92	27.66	111.83	Shut-In(2)
121	29.61	112.53	End Shut-In(2)
121	2155.68	112.97	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud	0.02

## Gas Rates

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

\* Recovery from multiple tests





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Shakespeare Oil Company, Inc.

**9-16-13 Scott Co KS**

202 West Main Street  
Salem IL 62881

**Tucker 2-9**

Job Ticket: 52919

**DST#: 2**

ATTN: Tim Priest

Test Start: 2013.09.17 @ 06:33:15

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	mud	0.025

Total Length: 5.00 ft      Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

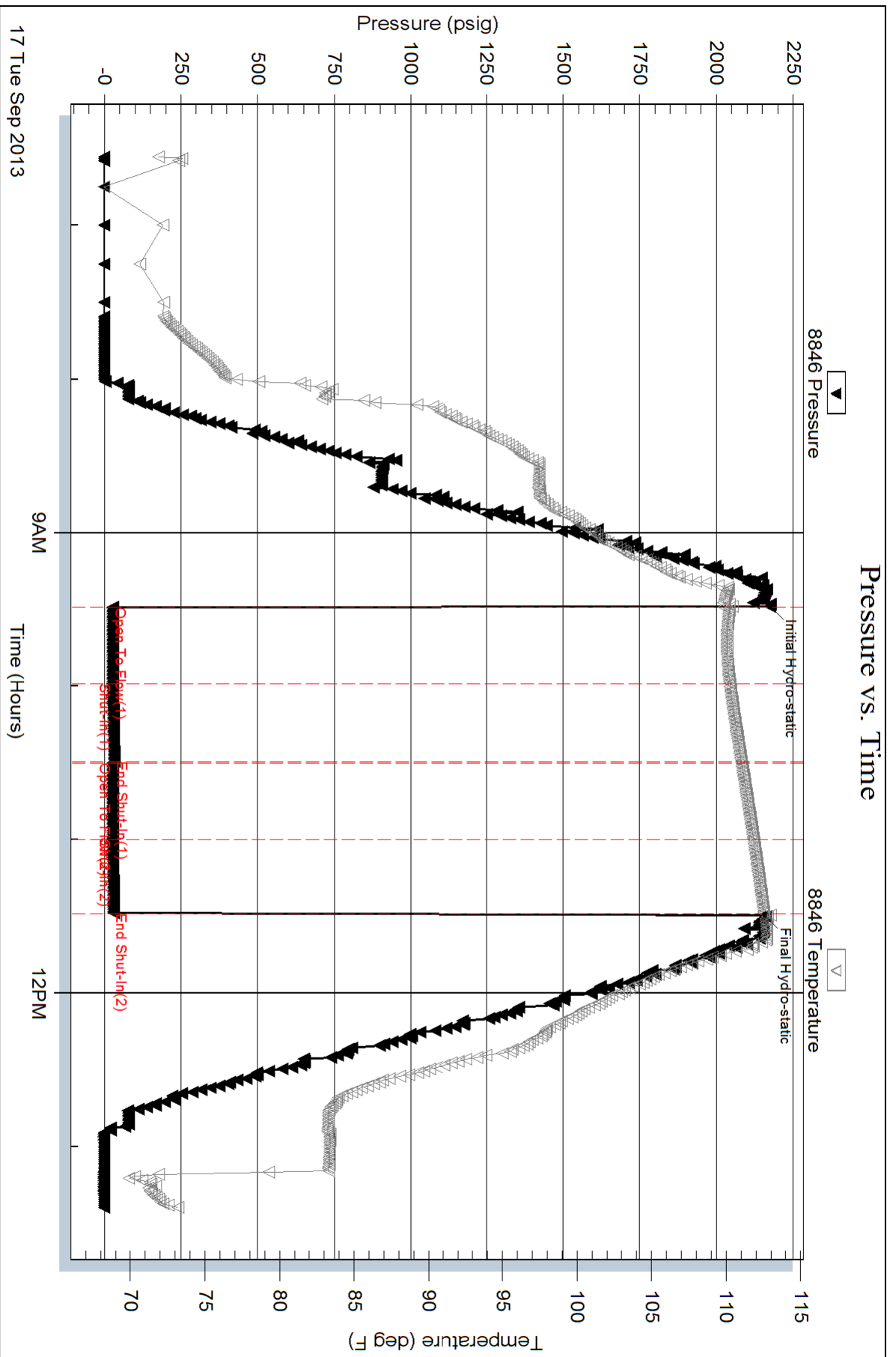
Recovery Comments:

Serial #: 8846

Outside Shakespeare Oil Company, Inc.

Tucker 2-9

DST Test Number: 2





**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Shakespeare Oil Company, Inc.

**9-16-13 Scott Co KS**

202 West Main Street  
Salem II 62881

**Tucker 2-9**

Job Ticket: 52920

**DST#: 3**

ATTN: Tim Priest

Test Start: 2013.09.18 @ 03:37:15

## GENERAL INFORMATION:

Formation: **Marmaton C**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:11:45

Time Test Ended: 10:08:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Mike Roberts

Unit No: 65

**Interval: 4505.00 ft (KB) To 4530.00 ft (KB) (TVD)**

Reference Elevations: 3144.00 ft (KB)

Total Depth: 4505.00 ft (KB) (TVD)

3139.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

**Serial #: 8846 Outside**

Press @ Run Depth: 11.36 psig @ 4506.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.09.18

End Date:

2013.09.18

Last Calib.:

2013.09.18

Start Time: 03:37:15

End Time:

10:08:30

Time On Btm:

2013.09.18 @ 06:10:45

Time Off Btm:

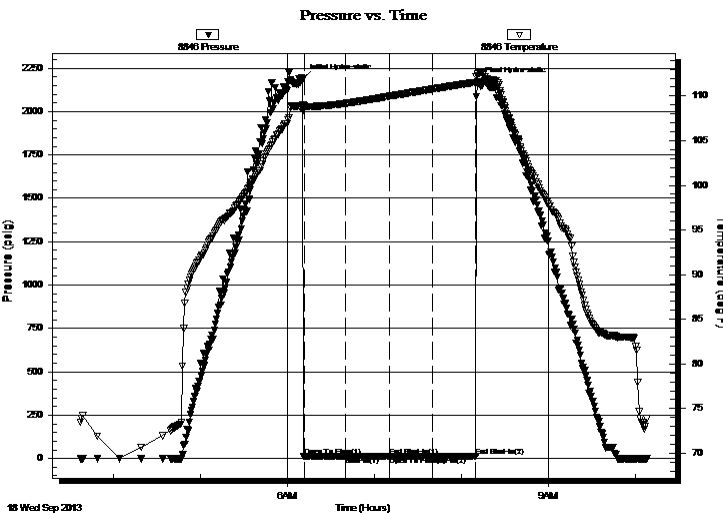
2013.09.18 @ 08:11:30

TEST COMMENT: IF:Weak surface blow died in 14 min.

IS:No return blow

FF:No blow

FS:No return blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2190.49	109.05	Initial Hydro-static
1	10.99	108.85	Open To Flow (1)
30	11.45	109.18	Shut-In(1)
60	12.06	109.97	End Shut-In(1)
60	11.35	109.98	Open To Flow (2)
90	11.36	110.77	Shut-In(2)
120	12.17	111.54	End Shut-In(2)
121	2173.67	112.44	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud	0.02

## Gas Rates

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

\* Recovery from multiple tests



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Shakespeare Oil Company, Inc.

**9-16-13 Scott Co KS**

202 West Main Street  
Salem II 62881

**Tucker 2-9**

Job Ticket: 52920

**DST#: 3**

ATTN: Tim Priest

Test Start: 2013.09.18 @ 03:37:15

## 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: 45.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.97 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	mud	0.025

Total Length: 5.00 ft      Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

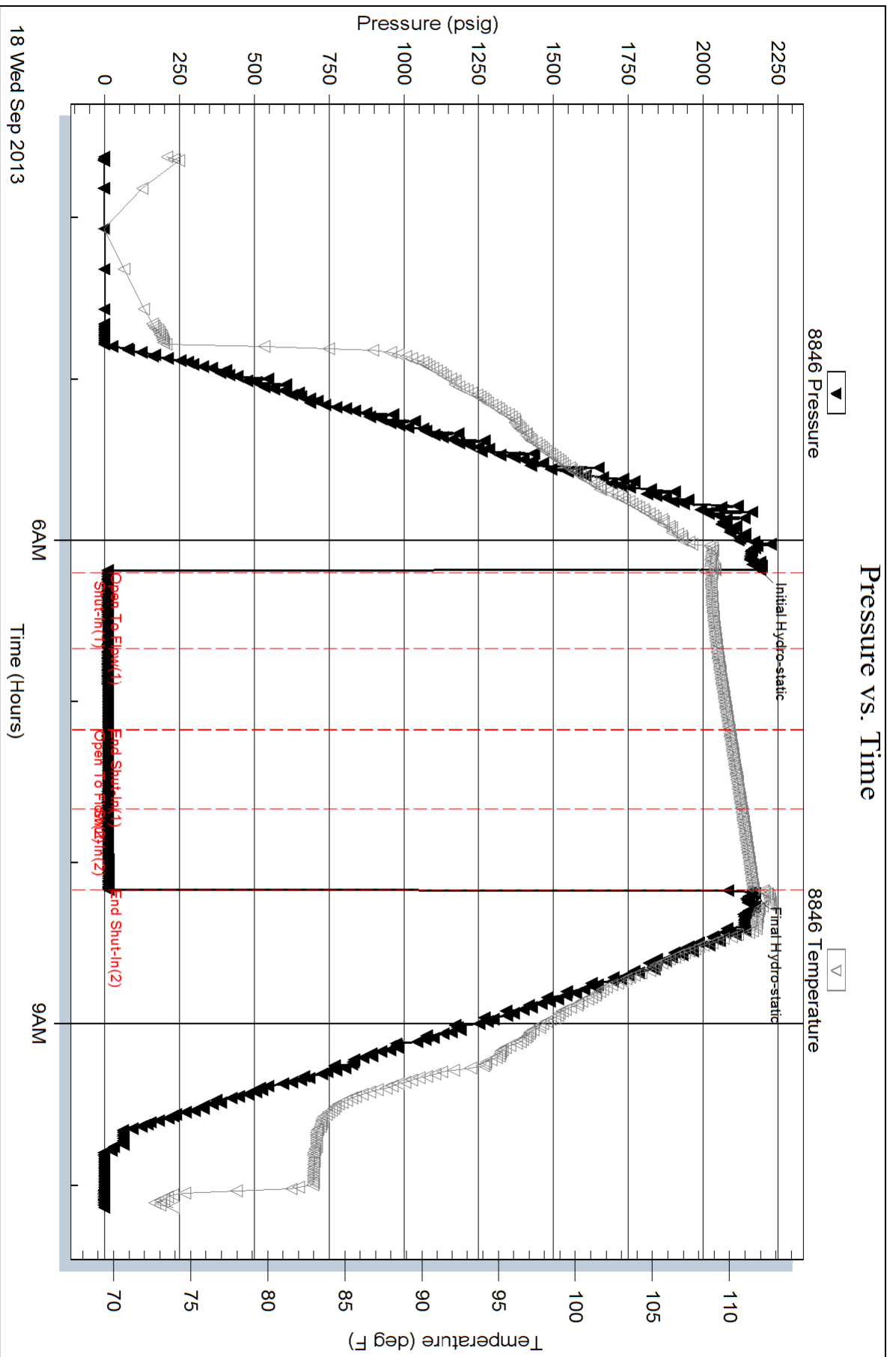
Recovery Comments:

Serial #: 8846

Outside Shakespeare Oil Company, Inc.

Tucker 2-9

DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 52920

Printed: 2013.09.18 @ 10:33:47



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Shakespeare Oil Company, Inc.

**9-16-13 Scott Co KS**

202 West Main Street  
Salem II 62881

**Tucker 2-9**

Job Ticket: 52921

**DST#: 4**

ATTN: Tim Priest

Test Start: 2013.09.19 @ 10:26:15

## GENERAL INFORMATION:

Formation: **Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:48:45

Time Test Ended: 18:42:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Mike Roberts

Unit No: 65

**Interval: 4648.00 ft (KB) To 4725.00 ft (KB) (TVD)**

Reference Elevations: 3144.00 ft (KB)

Total Depth: 4725.00 ft (KB) (TVD)

3139.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

**Serial #: 8846 Outside**

Press @ Run Depth: 72.53 psig @ 4715.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.09.19

End Date: 2013.09.19

Last Calib.: 2013.09.19

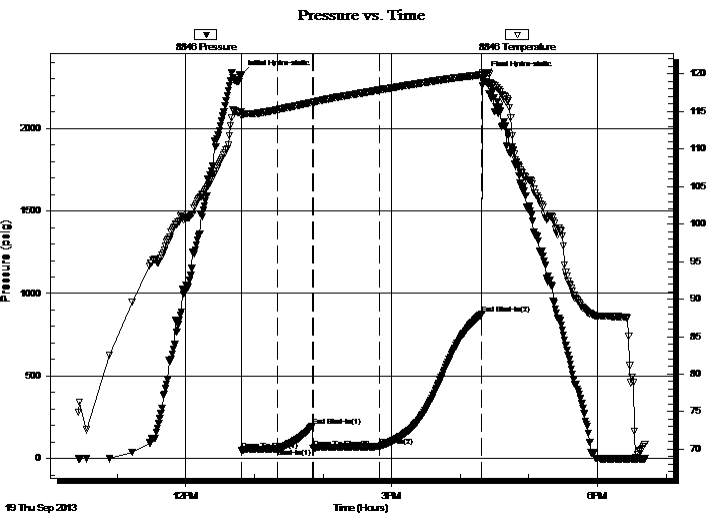
Start Time: 10:26:15

End Time: 18:42:00

Time On Btm: 2013.09.19 @ 12:48:30

Time Off Btm: 2013.09.19 @ 16:20:45

**TEST COMMENT:** IF: Built to 2" blow  
IS: No return blow  
FF: Built to 2" blow  
FS: No return blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2326.85	114.94	Initial Hydro-static
1	51.17	114.46	Open To Flow (1)
32	59.41	115.20	Shut-In(1)
62	197.22	116.19	End Shut-In(1)
63	63.63	116.19	Open To Flow (2)
121	72.53	117.83	Shut-In(2)
211	874.41	119.85	End Shut-In(2)
213	2322.33	119.53	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
119.00	mco 30% m 70% o	0.59

\* Recovery from multiple tests

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Shakespeare Oil Company, Inc.

**9-16-13 Scott Co KS**

202 West Main Street  
Salem II 62881

**Tucker 2-9**

Job Ticket: 52921

**DST#: 4**

ATTN: Tim Priest

Test Start: 2013.09.19 @ 10:26:15

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 45.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.98 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6700.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
119.00	mco 30%m 70%o	0.585

Total Length: 119.00 ft      Total Volume: 0.585 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

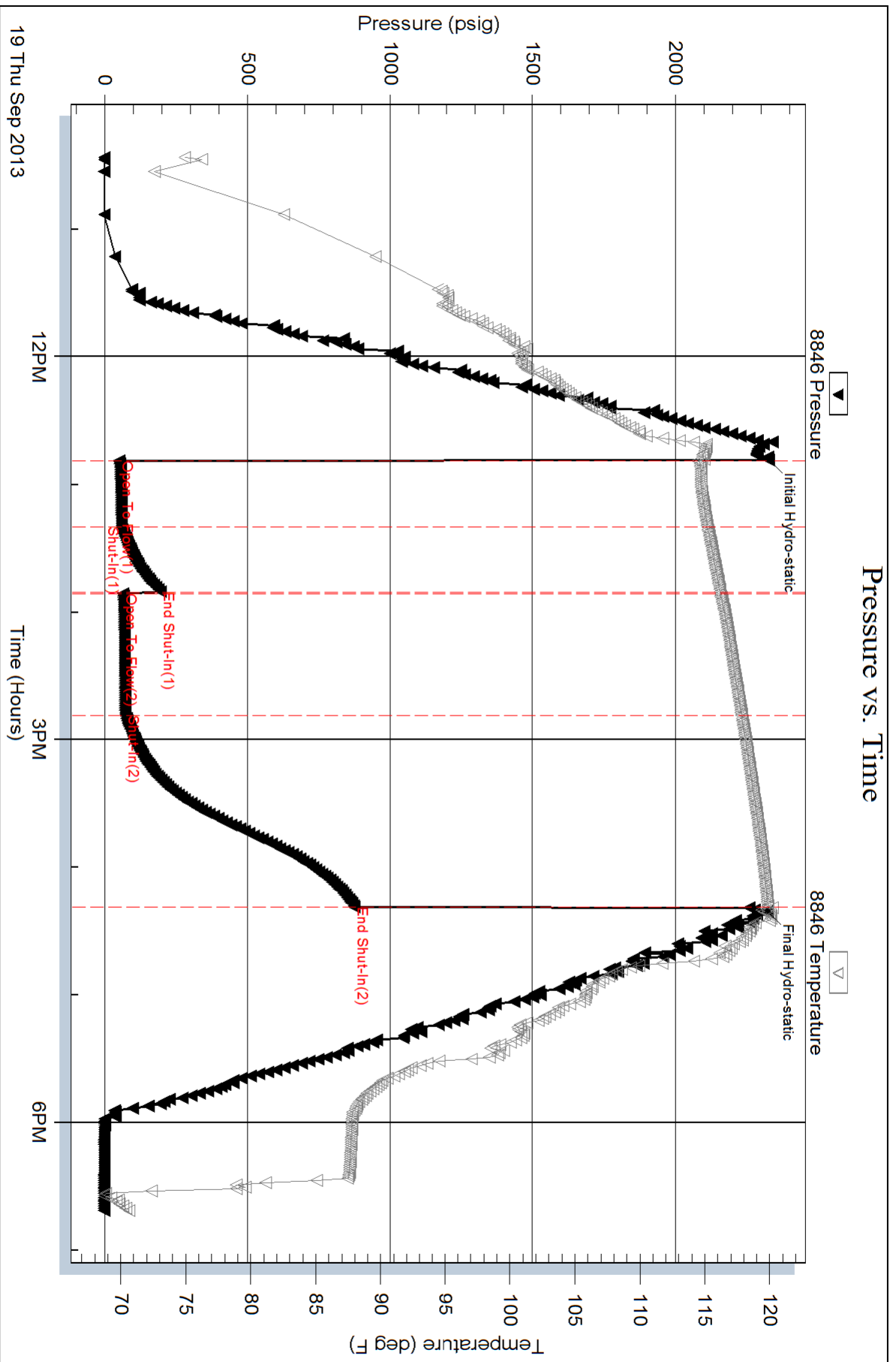
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time





PO Box 93999  
Southlake, TX 76092

Voice: (817) 546-7282  
Fax: (817) 246-3361

# INVOICE

Invoice Number: 138568  
Invoice Date: Sep 10, 2013  
Page: 1

**Bill To:**

Shakespeare Oil Co., Inc.  
202 West Main St.  
Salem, IL 62881

Now Includes:

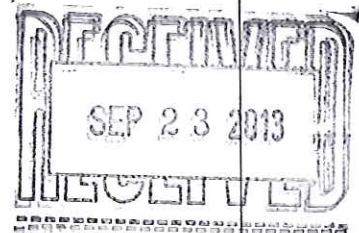


Customer ID	Field Ticket #	Payment Terms	
Shak	61101	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Oakley	Sep 10, 2013	10/10/13

Quantity	Item	Description	Unit Price	Amount
180.00	CEMENT MATERIALS	Tucker #2-9		
		Class A Common	17.90	3,222.00
4.00	CEMENT MATERIALS	Gel	23.40	93.60
6.00	CEMENT MATERIALS	Chloride	64.00	384.00
194.00	CEMENT SERVICE	Cubic Feet	2.25	436.50
169.23	CEMENT SERVICE	Ton Mileage	2.60	440.00
1.00	CEMENT SERVICE	Surface ✓	1,512.25	1,512.25
40.00	CEMENT SERVICE	Pump Truck Mileage	7.70	308.00
1.00	CEMENT SERVICE	Swedge Manifold Renal	325.00	325.00
40.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	176.00
1.00	CEMENT SUPERVISOR	Kelly Gabel		
1.00	EQUIPMENT OPERATOR	Wayne McGhghy		

INT

10502-5



ALL PRICES ARE NET, PAYABLE  
30 DAYS FOLLOWING DATE OF  
INVOICE. 1 1/2% CHARGED  
THEREAFTER. IF ACCOUNT IS  
CURRENT, TAKE DISCOUNT OF

\$ 1,793.31 ✓

ONLY IF PAID ON OR BEFORE  
Oct 5, 2013

Subtotal	6,897.35
Sales Tax	301.52
Total Invoice Amount	7,198.87
Payment/Credit Applied	
<b>TOTAL</b>	<b>7,198.87</b>

DW

# ALLIED OIL & GAS SERVICES, LLC 061101

Federal Tax I.D. # 20-3651475

REMIT TO P.O. BOX 93999  
SOUTHLAKE, TEXAS 76092

SERVICE POINT:  
Oakley KS

DATE <u>9-10-13</u>	SEC. <u>9</u>	TWP. <u>16</u>	RANGE <u>13</u>	CALLED OUT <u>Nood</u>	ON LOCATION <u>1:30 PM</u>	JOB START <u>6:30 PM</u>	JOB FINISH <u>6:00 PM</u>
LEASE <u>Tucker</u>	WELL# <u>2-9</u>		LOCATION <u>Pense 2nd 2nd E into</u>	COUNTY <u>Scott</u>	STATE <u>KS</u>		
<input checked="" type="checkbox"/> OLD OR NEW (Circle one)							

CONTRACTOR ND drilling  
TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 268'  
CASING SIZE 8 5/8 DEPTH 268'  
TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_  
TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_  
PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_  
MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_  
CEMENT LEFT IN CSG. 15#  
PERFS. \_\_\_\_\_  
DISPLACEMENT 16 bbl

OWNER same

CEMENT  
AMOUNT ORDERED 180 SKS com 3+2

EQUIPMENT

PUMP TRUCK CEMENTER Kelly Eubel  
# 372 HELPER Wayne Maitly  
BULK TRUCK  
# 5664595 DRIVER Alex (TWS)  
BULK TRUCK  
# \_\_\_\_\_ DRIVER \_\_\_\_\_

COMMON 180 SKS @ 17.90 3222.00  
POZMIX \_\_\_\_\_ @ \_\_\_\_\_  
GEL 45 SKS @ 23.40 93.60  
CHLORIDE 65 SKS @ 6.40 384.00  
ASC \_\_\_\_\_ @ \_\_\_\_\_  
\_\_\_\_\_ @ \_\_\_\_\_  
\_\_\_\_\_ @ \_\_\_\_\_  
\_\_\_\_\_ @ \_\_\_\_\_  
\_\_\_\_\_ @ \_\_\_\_\_  
\_\_\_\_\_ @ \_\_\_\_\_  
HANDLING 194 cu ft @ 2.35 436.90  
MILEAGE 110 SK mi x 180 SKS 4180.00  
TOTAL 4576.10

REMARKS:  
Safety meeting, rigged up, hooked up to circulate mixed 180 SKS com 3+2 gel, displaced with 16 bbl water, cement did circulate

Thank you Kelly crew

SERVICE

DEPTH OF JOB 268  
PUMP TRUCK CHARGE \_\_\_\_\_ 1512.35  
EXTRA FOOTAGE \_\_\_\_\_ @ \_\_\_\_\_  
MILEAGE MILV 40 @ 7.70 308.00  
MANIFOLD Swagge @ 325.00  
MILV 40 @ 4.40 176.00  
TOTAL 2321.35

CHARGE TO: Shakespeare  
STREET \_\_\_\_\_  
CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

PLUG & FLOAT EQUIPMENT

\_\_\_\_\_ @ \_\_\_\_\_  
\_\_\_\_\_ @ \_\_\_\_\_  
\_\_\_\_\_ @ \_\_\_\_\_  
\_\_\_\_\_ @ \_\_\_\_\_  
TOTAL \_\_\_\_\_

To: Allied Oil & Gas Services, LLC.  
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME Doug Roberts  
SIGNATURE Doug Roberts

SALES TAX (if Any) \_\_\_\_\_  
TOTAL CHARGES 6,897.35  
DISCOUNT 1,793.31 IF PAID IN 30 DAYS  
5,104.03 Net.

PO Box 93999  
Southlake, TX 76092

Voice: (817) 546-7282  
Fax: (817) 246-3361

# INVOICE

Invoice Number: 138722  
Invoice Date: Sep 21, 2013  
Page: 1

**Bill To:**

Shakespeare Oil Co., Inc.  
202 West Main St.  
Salem, IL 62881

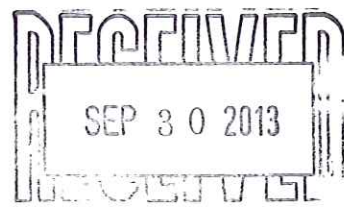
Now Includes:



Customer ID	Field Ticket #	Payment Terms	
Shak	61155	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-03	Oakley	Sep 21, 2013	10/21/13

Quantity	Item	Description	Unit Price	Amount
		Tucker #2-9		
168.00	CEMENT MATERIALS	Class A Common	17.90	3,007.20
112.00	CEMENT MATERIALS	Pozmix	9.35	1,047.20
10.00	CEMENT MATERIALS	Gel	23.40	234.00
70.00	CEMENT MATERIALS	Flo Seal	2.97	207.90
300.72	CEMENT SERVICE	Cubic Feet	2.48	745.79
502.40	CEMENT SERVICE	Ton Mileage	2.60	1,306.24
1.00	CEMENT SERVICE	Rotary Plug	2,483.59	2,483.59
40.00	CEMENT SERVICE	Pump Truck Mileage	7.70	308.00
40.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	176.00
1.00	CEMENT SUPERVISOR	Alan Ryan		
1.00	OPERATOR ASSISTANT	Kevin Ryan		

INT



10502-5

ALL PRICES ARE NET, PAYABLE 30 DAYS FOLLOWING DATE OF INVOICE. 1 1/2% CHARGED THEREAFTER. IF ACCOUNT IS CURRENT, TAKE DISCOUNT OF

\$ 2,474.13

ONLY IF PAID ON OR BEFORE  
Oct 16, 2013

Subtotal	9,515.92
Sales Tax	775.55
Total Invoice Amount	10,291.47
Payment/Credit Applied	
<b>TOTAL</b>	<b>10,291.47</b>

DW

# ALLIED OIL & GAS SERVICES, LLC 061155

Federal Tax I.D. # 20-8651476

REMIT TO P.O. BOX 93999  
SOUTHLAKE, TEXAS 76092

SERVICE POINT:  
Dakley, TX

DATE <u>9/2/13</u>	SEC <u>19</u>	TWP <u>16</u>	RANGE <u>13</u>	CALLED OUT	ON LOCATION	JOB START <u>4:30 AM</u>	JOB FINISH <u>5:00 PM</u>
LEASE <u>Tudler</u>	WELL # <u>2-9</u>	LOCATION <u>Pence 1W 1 3/4 W Finto</u>			COUNTY <u>Suitt</u>	STATE <u>TX</u>	
OLD OR NEW (Circle one)							

CONTRACTOR H.D. 2

TYPE OF JOB ROTARY

HOLE SIZE 2 1/8" T.D. \_\_\_\_\_

CASING SIZE 6 3/8" DEPTH 263'

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_

CEMENT LEFT IN CSG. \_\_\_\_\_

PERFS. \_\_\_\_\_

DISPLACEMENT \_\_\_\_\_

OWNER Same

CEMENT AMOUNT ORDERED 280 SK 60/40 40 ggal  
14 PLO

EQUIPMENT

PUMP TRUCK CEMENTER Alan RYAN

# 423-2A1 HELPER Kevin RYAN

BULK TRUCK # 396 DRIVER Elia (TMS)

BULK TRUCK # \_\_\_\_\_ DRIVER \_\_\_\_\_

COMMON	<u>168</u>	@ <u>17.80</u>	<u>3007.20</u>
POZMIX	<u>118</u>	@ <u>9.33</u>	<u>1097.20</u>
GEL	<u>10</u>	@ <u>23.40</u>	<u>234.00</u>
CHLORIDE		@	
ASC		@	
<u>Ploceel</u>	<u>70lb</u>	@ <u>2.97</u>	<u>207.90</u>
HANDLING	<u>300.72</u>	@ <u>2.48</u>	<u>745.29</u>
MILEAGE	<u>200 miles</u>	@ <u>12.56</u>	<u>2512.00</u>
			TOTAL <u>6548.33</u>

REMARKS:

2490' - 50SK

1620' - 80SK

810' - 50SK

300' - 50SK

60' - 20SK

R.Hole 30 SK

SERVICE

DEPTH OF JOB 2490'

PUMP TRUCK CHARGE 2413.59

EXTRA FOOTAGE @ \_\_\_\_\_

MILEAGE 40 miles @ 7.20 288.00

MANIFOLD @ 4.40 176.00

40 mile late vehicle

TOTAL 2967.59

CHARGE TO Shallegeance

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

To: Allied Oil & Gas Services, LLC.  
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME Ryan Baker

SIGNATURE Ryan Baker

PLUG & FLOAT EQUIPMENT

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

TOTAL \_\_\_\_\_

SALES TAX (If Any) \_\_\_\_\_

TOTAL CHARGES 9,515.92

DISCOUNT 2,474.13 IF PAID IN 30 DAYS

7,041.78 Net.

**TIM PRIEST**  
**Petroleum Geologist**  
 (316)-213-6115

**GEOLOGIST'S REPORT**  
**DRILLING TIME AND SAMPLE LOG**

COMPANY SHAKESPEARE OIL CO.  
 LEASE Tucker #2-9  
 FIELD Wildcat  
 LOCATION 2216' FSL 1695' FWL  
 SEC 9 TWSP 16S RGE 34W  
 COUNTY Scott STATE Kansas

**ELEVATIONS**

KB 3149'

DF         

GL 3139'

Measurements Are All  
 From KB

CONTRACTOR HD Rig 2  
 SPUD 9-9-13 COMP 9-21-13  
 RTD 4865' LTD 4862'  
 MUD UP 3500' TYPE MUD Chemical

**CASING**

CONDUCTOR N/A

SURFACE 8-5/8" @ 264'

PRODUCTION None

SAMPLES SAVED FROM 3800' to RTD  
 DRILLING TIME KEPT FROM 3800' to RTD  
 SAMPLES EXAMINED FROM 3800' to RTD  
 GEOLOGICAL SUPERVISION FROM 3900' to RTD  
 GEOLOGIST ON WELL Tim Priest

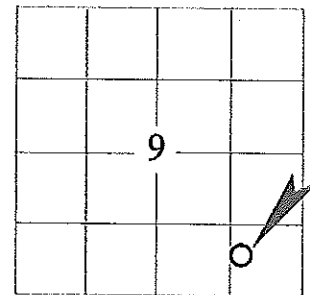
**ELECTRICAL  
 SURVEYS**

CND;D/SP;P.E.

Micro, sonic

By: Weatherford

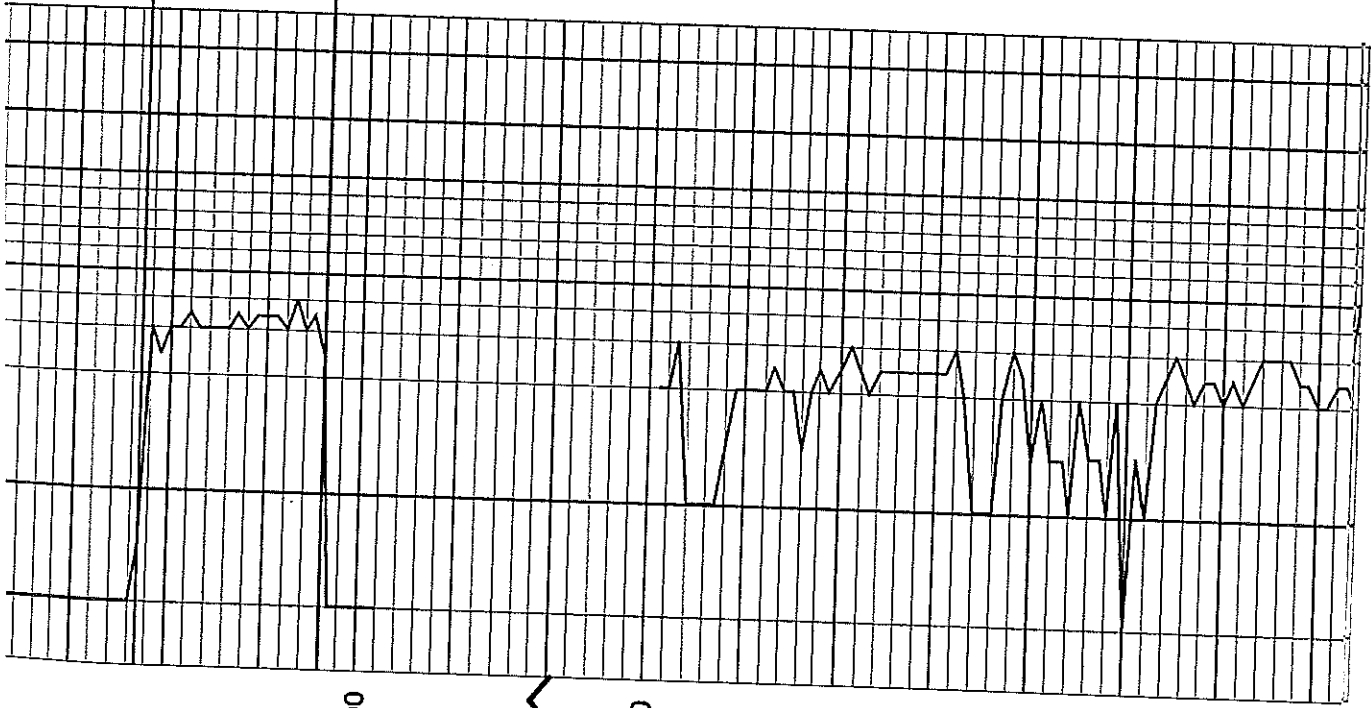
FORMATION TOPS	ELECTRIC LOG	SAMPLE
Anhydrite	2474 (+675)	2477 (+672)
Heebner Shale	3996 (-847)	3998 (-849)
Lansing	4042 (-893)	4043 (-894)
Stark	4314 (-1165)	4316 (-1167)
BKC	4410 (-1261)	4407 (-1258)
Fort Scott	4580 (-1431)	4581 (-1432)
Cherokee Shale	4608 (-1459)	4610 (-1461)
Mississippian	4786 (-1637)	4787 (-1638)





Anhydrite  
2477(+672)

Base/ Anhydrite  
2496(+653)

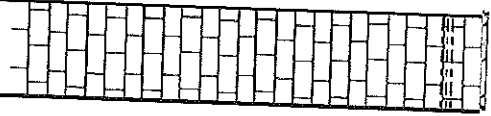


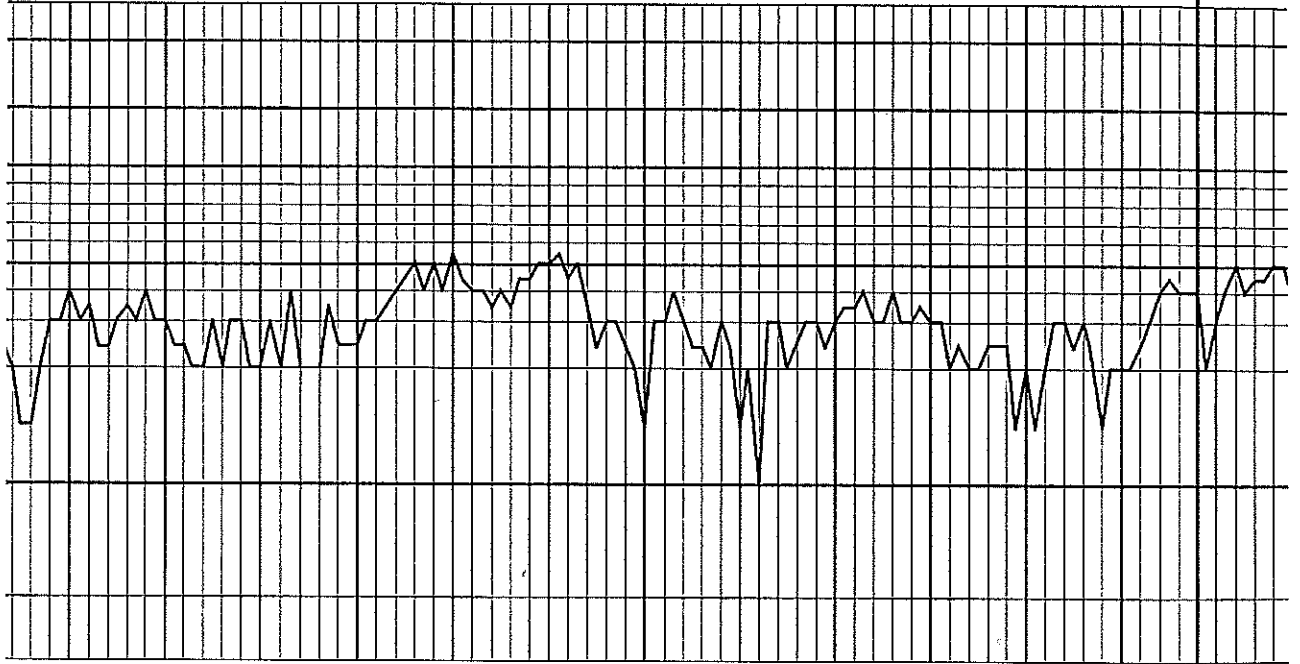
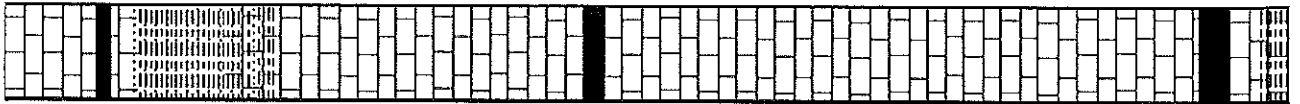
2500



3800

50

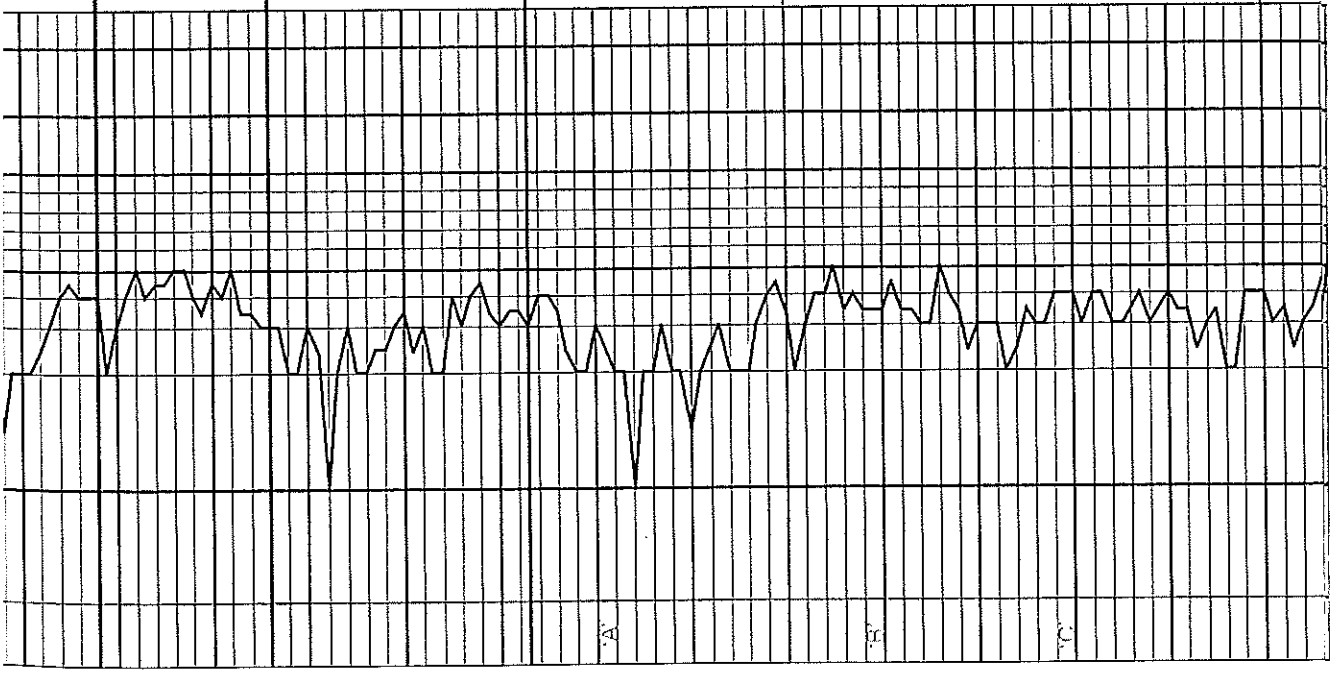




Ls crm-gry mold, fos, sli chky, p-f int xtl-pp por, NS	Heebner 3998 (-849)
Sh blk, carb	
Sh/SS red-gry, fn-med gm, p sort, friable, NS	
Ls crm-tan-gry, fn xtl, arg in prt no vis por	
Ls tan, vfn xtl, sli fos, dnse	
Sh blk, carb	
Sh red-maroon	
Ls crm-lt gry, fos, chky, p-f int xtl & int frag por, NS	
Ls crm, vfn xtl, chty, dnse	
Ls crm-tan, fn xtl, fos, p-f int xtl-pp por, NS	
Ls crm-tan, fn xtl, fos, f int xtl-pp por, NS	
Sh blk, carb	



pp por, NS	Heebner 3998 (-849)
Sh blk, carb	
Sh gry-dk gry, calc	
Ls crm-lt gry, fn xtl, fos, v chky, f int xtl-pp por, NS	Toronto 4016 (-867)
Ls crm-lt gry, vfn xtl, sli chty, dnse	
Sh red-grn-gry, calc	Lansing 4043 (-894)
Ls crm-lt gry, fn xtl, fos, chky, f int xtl & int frag por, NS	
Ls crm, fn xtl, fos, v chky, p-f int xtl-pp por, NS	
Sh grn-gry	
Ls crm-lt gry, fn xtl, fos-sub ool, chky, p-f int xtl-pp por, NS	
Sh red-grm	
Ls crm, fn xtl, fos, v chky, p-f int xtl-pp por, NS	
Ls crm-lt gry, vfn xtl, sli chky, dnse	
Ls crm-lt gry, fn xtl, sli fos, chky, p-f int xtl-pp por, NS	



4000

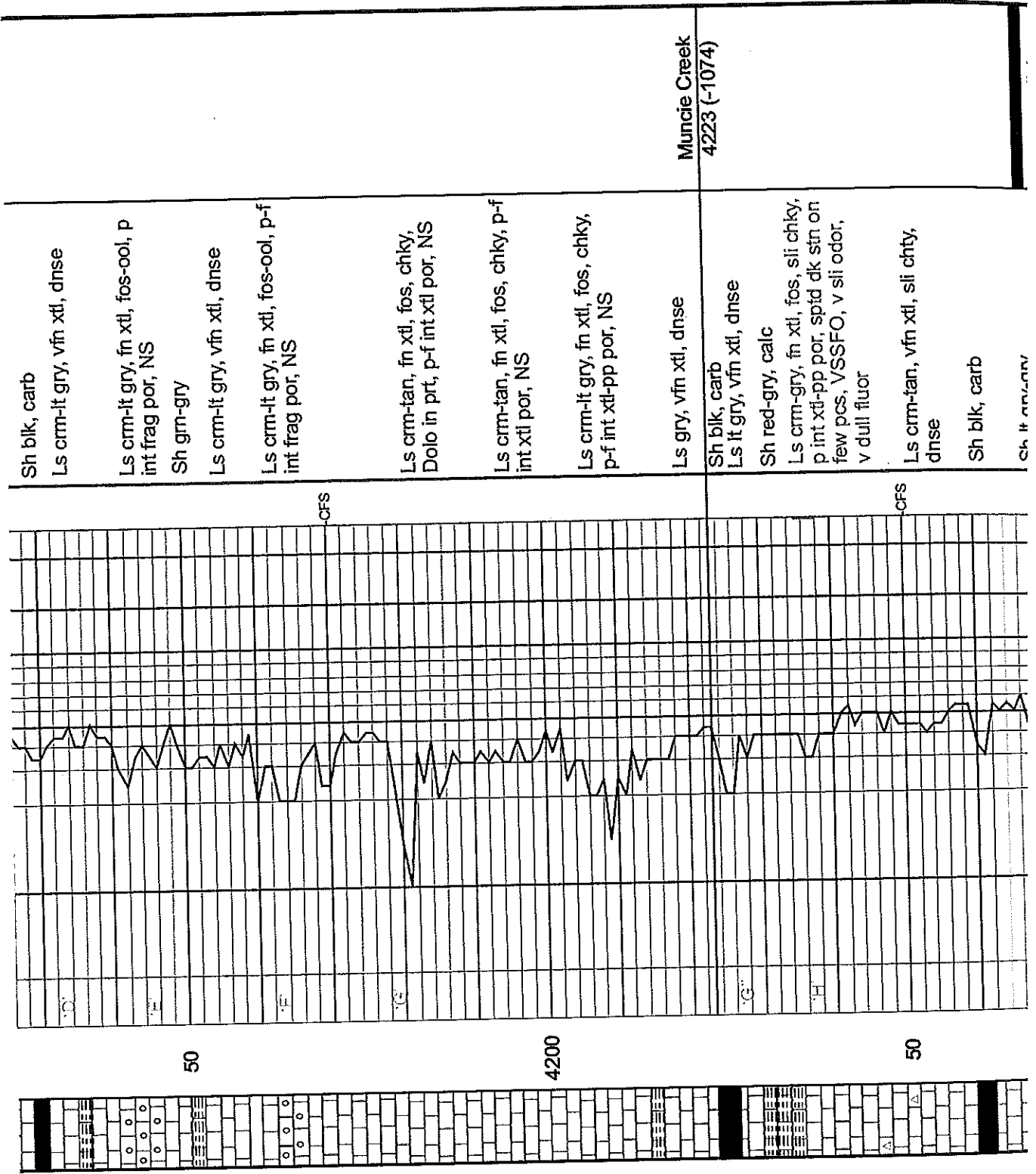
50

4100



-CFS

-CFS



50

4200

50

CFS

CFS

few pcs, VSSFO, v sli odor, v dull fluor

Ls crm-tan, vfn xtl, sli chty, dnse

Sh blk, carb

Sh lt gry-gry

Ls crm-tan, vfn xtl, dnse

Ls lt gry, fn xtl, fos, sli chky, p-f int xtl-pp por, sptd-sli sat str, SSFO, f odor, dull fluor

Sh red-gry, calc

Ls tan-gry, vfn xtl, dnse

Sh gm-gry

Ls crm-lt gry, fn xtl, ool, f int ool-ool por, sptd-sat dk str on 70%, sme barren, SFO, f odor, dull fluor

Ls lt gry-gry, vfn xtl, dnse

Sh blk, carb

Ls tan-gry, vfn xtl, dnse

Sh gry-dk gry

Ls lt gry, fn xtl, fos-sub ool, sli chky, f int xtl-pp por w/scat vugs, sptd-sat dk str, SFO, f odor, no fluor

Ls crm-gry, fn xtl, fos, v chky, p-f int xtl & int frag por, NS

Ls crm-lt gry, vfn xtl, chty, dnse

Sh blk, carb

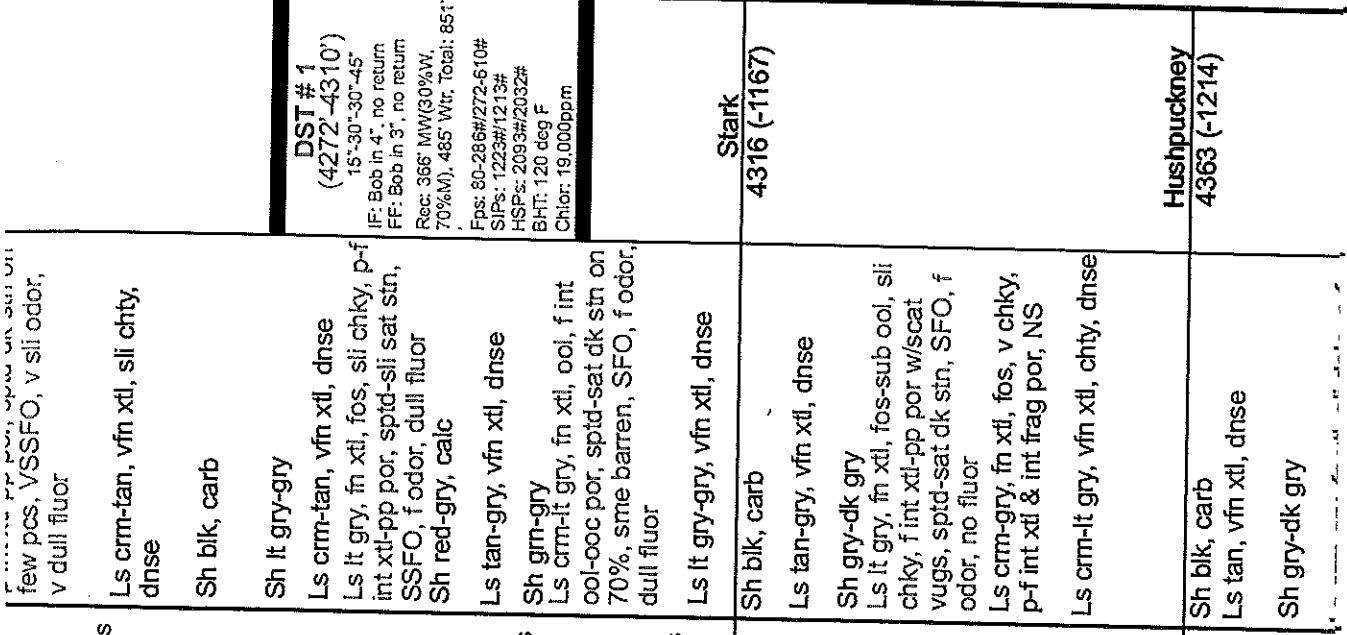
Ls tan, vfn xtl, dnse

Sh gry-dk gry

**DST # 1**  
**(4272-4310')**  
 15'-30"-30'-45"  
 IF: Bob in 4', no return  
 FF: Bob in 3', no return  
 Rec: 366' MW(30%W,  
 70%M), 465' Wtr. Total: 851'  
 Fps: 80-286#/272-610#  
 SIPs: 1229#/1213#  
 HSPs: 2093#/2032#  
 BHT: 120 deg F  
 Chlor: 19,000ppm

**Stark**  
**4316 (-1167)**

**Hushpuckney**  
**4363 (-1214)**

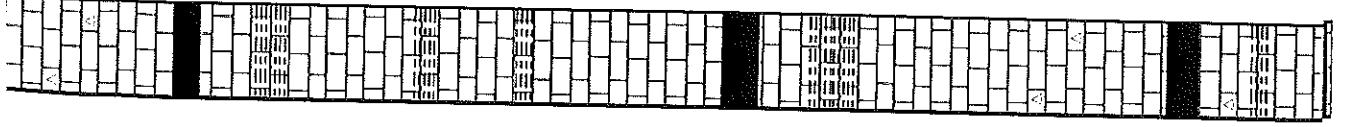


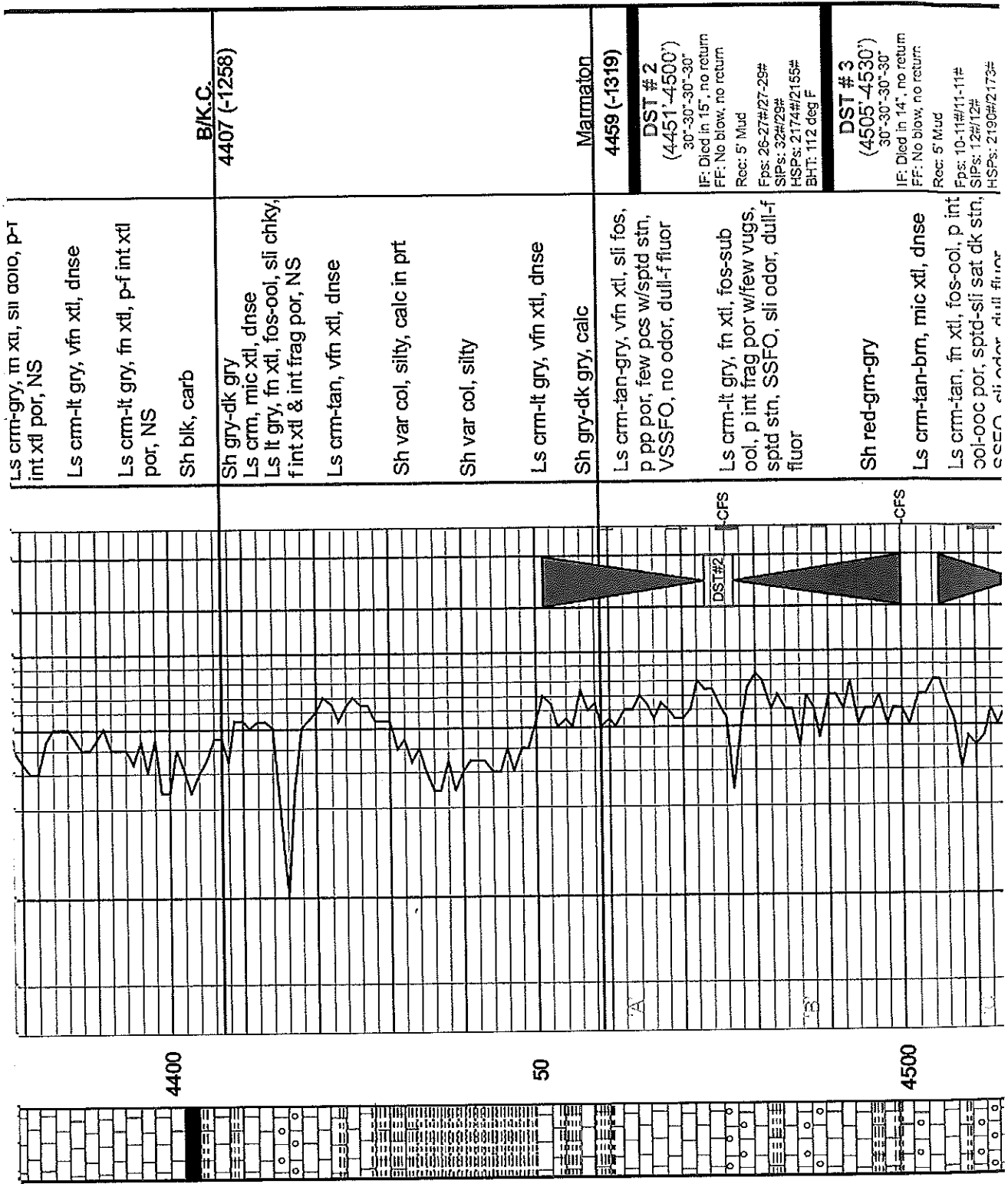
CFS

CFS

CFS

CFS





Ls crm-gry, m xtl, sil ool, p-t  
int xtl por, NS

Ls crm-lt gry, vfn xtl, dnse

Ls crm-lt gry, fn xtl, p-f int xtl  
por, NS

Sh blk, carb

Sh gry-dk gry

Ls crm, mic xtl, dnse

Ls lt gry, fn xtl, fos-ool, sil chky,  
f int xtl & int frag por, NS

Ls crm-tan, vfn xtl, dnse

Sh var col, silty, calc in prt

Sh var col, silty

Ls crm-lt gry, vfn xtl, dnse

Sh gry-dk gry, calc

Ls crm-tan-gry, vfn xtl, sil fos,  
p pp por, few pcs w/spid stn,  
VSSFO, no odor, dull-f fluor

Ls crm-lt gry, fn xtl, fos-sub  
ool, p int frag por w/few vugs,  
spid stn, SSFO, sil odor, dull-f  
fluor

Sh red-gm-gry

Ls crm-tan-brn, mic xtl, dnse

Ls crm-tan, fn xtl, fos-ool, p int  
ool-ool por, spid-sil sat dk stn,  
SSFO, sil odor, dull fluor

B/K.C.  
4407 (-1258)

Marmaton  
4459 (-1319)

DST # 2  
(4451'-4500')  
30"-30"-30"-30"  
IF: Died in 15", no return  
FF: No blow, no return  
Rec: 5' Mud  
Fps: 26-27#/27-29#  
SIPs: 32#/29#  
HSPs: 2174#/2155#  
BHT: 112 deg F

DST # 3  
(4505'-4530')  
30"-30"-30"-30"  
IF: Died in 14", no return  
FF: No blow, no return  
Rec: 5' Mud  
Fps: 10-11#/11-11#  
SIPs: 12#/12#  
HSPs: 2190#/2173#

4400

50

4500

A

B

C

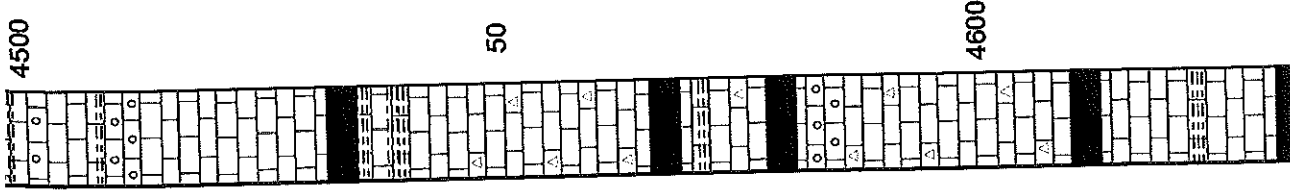
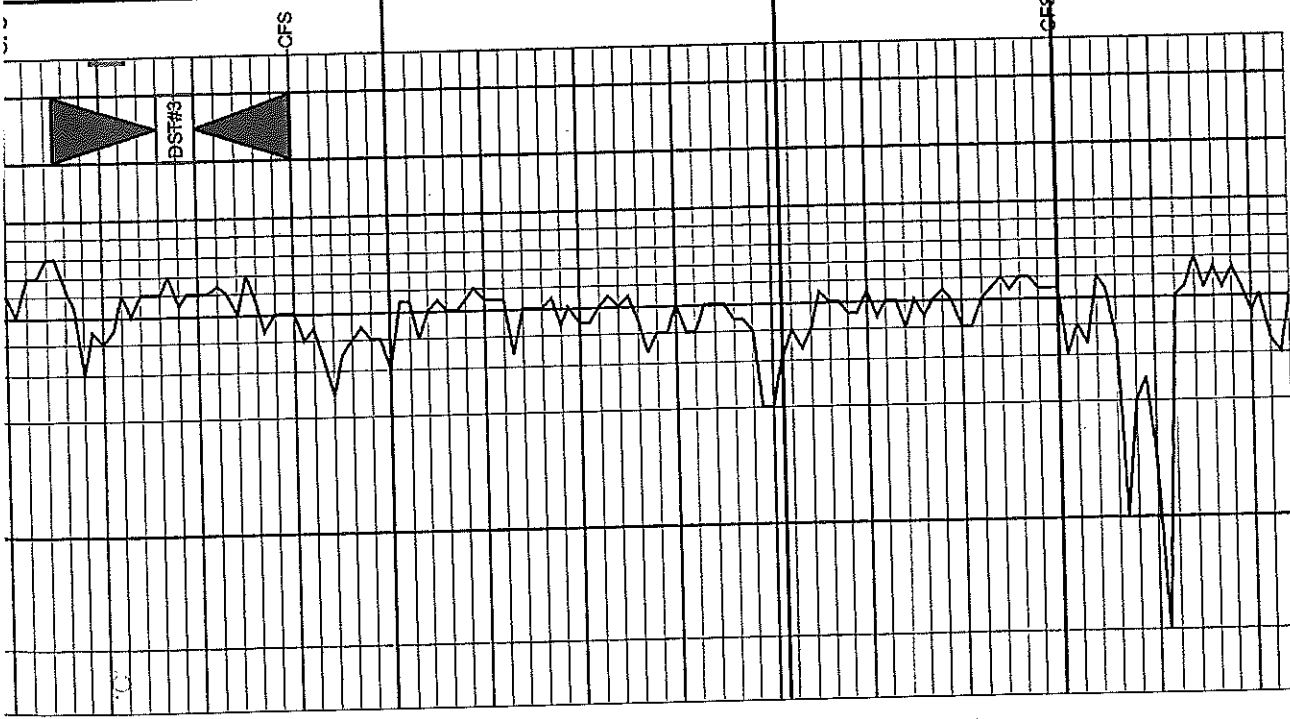
DST #2

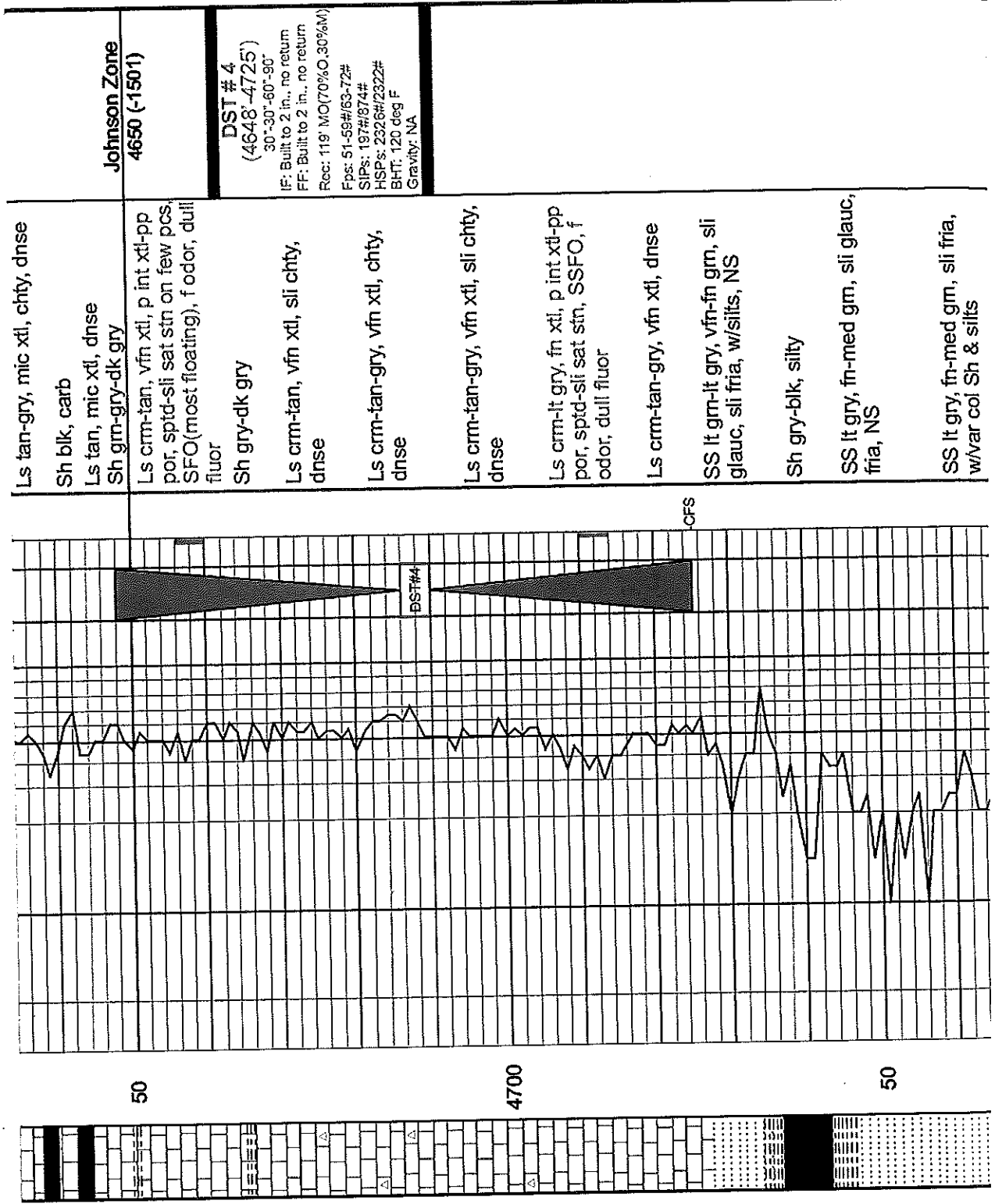
CFS

CFS

FF: No blow, no return  
 Rec: 5 Nuc  
 Fps: 10-11#/11-11#  
 SPS: 12#/12#  
 HSPs: 2190#/2173#  
 BHT: 114 deg F

Ls crm-tan-brn, mic xtl, dnse	Pawnee 4540 (-1391)
Ls crm-tan, fn xtl, fos-ool, p int ool-ool por, spid-sli sat dk stn, SSFO, sli odor, dull fluor	
Ls crm-gry, vfn xtl, sli fos, sli chky, dnse	Fort Scott 4581 (-1432)
Sh blk, carb	
Ls tan-gry, vfn xtl, arg in prt	
Ls crm-tan-it gry, vfn xtl, sli chty, dnse	
Ls crm-it gry, vfn xtl, sli chty, dnse	Cherokee Shale 4610 (-1461)
Sh blk, carb	
Ls crm-tan, vfn xtl, fos-ool in prt, sli chty, dnse	
Sh blk, carb	
Ls crm-tan-gry, vfn xtl, sli ool in prt, no vis por, NS	
Ls tan-gry, vfn xtl, sli fos, sli chty, dnse	
Sh grm-gry	
Ls crm-gry, vfn xtl, sli chty, dnse	
Sh blk, carb	
Ls gry-tan, fn xtl, fos, chky, fgd int xtl & int frag por, NS	
Sh dk gry	
Ls gry, mic xtl, dnse	
Sh blk, carb	





Ls tan-gry, mic xtl, chty, dnse  
 Sh blk, carb  
 Ls tan, mic xtl, dnse  
 Sh gm-gry-dk gry  
 Ls crm-tan, vfn xtl, p int xtl-pp  
 por, sptd-sli sat strn on few pcs,  
 SFO(most floating), f odor, dull  
 fluor  
 Sh gry-dk gry  
 Ls crm-tan, vfn xtl, sli chty,  
 dnse  
 Ls crm-tan-gry, vfn xtl, chty,  
 dnse  
 Ls crm-tan-gry, vfn xtl, sli chty,  
 dnse  
 Ls crm-lt gry, fn xtl, p int xtl-pp  
 por, sptd-sli sat strn, SSFO, f  
 odor, dull fluor  
 Ls crm-tan-gry, vfn xtl, dnse  
 SS lt gm-lt gry, vfn-fn gm, sli  
 glauc, sli fria, w/silts, NS  
 Sh gry-blk, silty  
 SS lt gry, fn-med gm, sli glauc,  
 fria, NS  
 SS lt gry, fn-med gm, sli fria,  
 w/var col Sh & silts

Johnson Zone  
 4650 (-1501)

DST# 4  
 (4648-4725)  
 30"-30"-60"-90"  
 IF: Built to 2 in., no return  
 FF: Built to 2 in., no return  
 Rec: 119' MO(70%O,30%M)  
 Fps: 51-59#/63-72#  
 SIPs: 197#/874#  
 HSPs: 2326#/2322#  
 BHT: 120 deg F  
 Gravity: NA

50

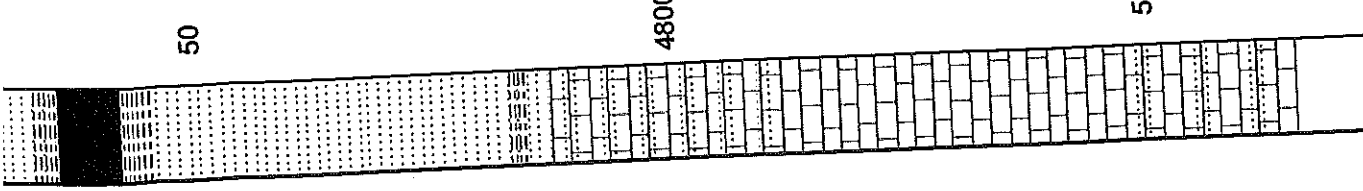
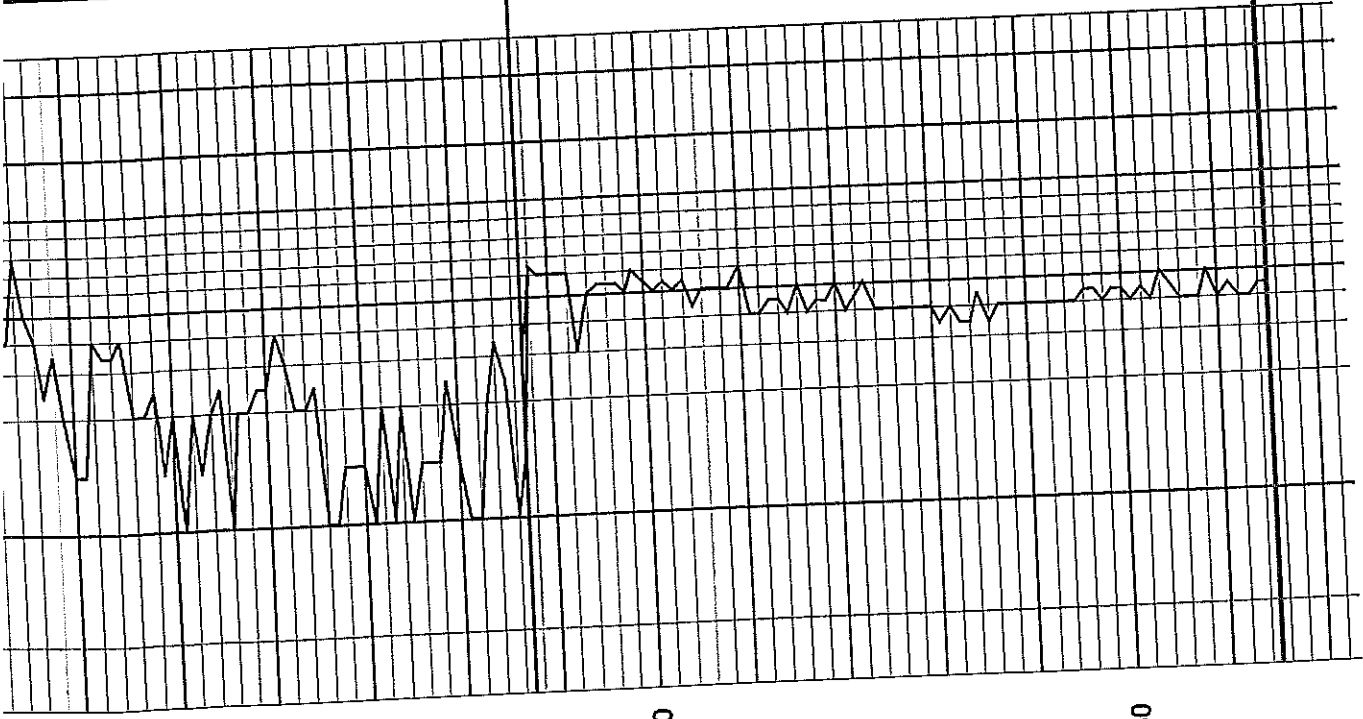
4700

50

CFS

DST#4

Sh gry-blk, silty	Mississippian 4787 (-1638)
SS lt gry, fn-med gm, sli glauc, fria, NS	
SS lt gry, fn-med gm, sli fria, w/var col Sh & silts	
SS clear-lt gry, fn-med xtl, sub rmd, fria, NS	
Ls crm-lt gry, vfn xtl, dnse, w/ fn-coarse gm SS inclus	Total Depth 4865' (-1716)
Ls crm-tan, mic xtl, sli chky, dnse	
Ls crm-tan, mic xtl, v chky, dnse	
Ls crm-tan, vfn xtl, chky, sli sandy, dnse	



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  
Thomas E. Wright, Commissioner  
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

October 07, 2013

Don Williams  
Shakespeare Oil Co., Inc.  
202 W MAIN ST  
SALEM, IL 62881-1519

Re: ACO1  
API 15-171-20973-00-00  
Tucker 2-9  
SW/4 Sec.09-16S-34W  
Scott 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,  
Don Williams