



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: _____



1069739

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 (Specify) _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Shakespeare Oil Co., Inc.
Well Name	FREY 2-9
Doc ID	1069739

All Electric Logs Run

DIL/GR
CDL
CNL
ML
Sonic
CBL/GR

Form	ACO1 - Well Completion
Operator	Shakespeare Oil Co., Inc.
Well Name	FREY 2-9
Doc ID	1069739

Tops

Name	Top	Datum
Base Anhydrite	2513	+496
Topeka	3796	-787
Heebner	3956	-947
Lansing	3999	-990
Stark Shale	4227	-1218
BKC	4299	-1290
Cherokee Shale	4512	1503
Johnson	4555	-1546
Mississippian	4612	-1603

Form	ACO1 - Well Completion
Operator	Shakespeare Oil Co., Inc.
Well Name	FREY 2-9
Doc ID	1069739

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
4	Johnson	500 gal 15% MCA	4558-62
4	Johnson	500 gal 15% MCA	4569-72
4	Ft Scott	500 gal 15% MCA	4496-99
4	Upper Ft Scott	250 gal 15% MCA	4484-86
4	Pawnee	500 gal 15% MCA	4430-38
4	LKC "L"	250 gal 15% MCA	4274-77
4	LKC "K"	250 gal 15% MCA	4240-44
4	LKC "I"	250 gal 15% MCA	4195-98



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Shakespeare Oil Co., Inc.

202 W. Main St.
Salem, IL 62881

ATTN: Tim Priest

Frey #2-9

Sec.9 13s32w Logan

Job Ticket: 29680

DST#: 1

Test Start: 2007.10.17 @ 10:06:00

GENERAL INFORMATION:

Formation: **L/KC "B & C"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:58:15

Time Test Ended: 16:20:00

Test Type: Conventional Bottom Hole

Tester: Chuck Smith

Unit No: 37

Interval: 4010.00 ft (KB) To 4060.00 ft (KB) (TVD)

Reference Elevations: 3009.00 ft (KB)

Total Depth: 4060.00 ft (KB) (TVD)

2999.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8017 Inside

Press@RunDepth: 347.20 psig @ 4012.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2007.10.17

End Date:

2007.10.17

Last Calib.: 2007.10.17

Start Time: 10:06:01

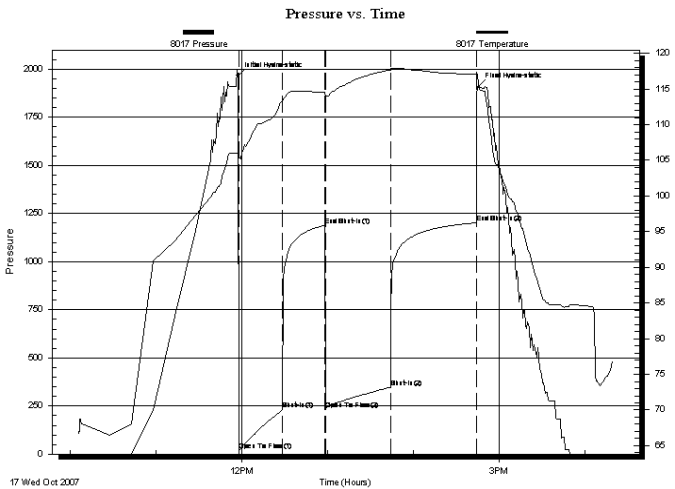
End Time:

16:20:00

Time On Btm: 2007.10.17 @ 11:57:15

Time Off Btm: 2007.10.17 @ 14:45:45

TEST COMMENT: IF: B.O.B. @ 20 min.
ISI: No return.
FF: B.O.B. @ 24 min.
FSI: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1964.99	105.99	Initial Hydro-static
1	19.58	105.49	Open To Flow(1)
32	229.51	113.24	Shut-In(1)
61	1188.89	114.49	End Shut-In(1)
62	232.31	114.03	Open To Flow(2)
107	347.20	117.67	Shut-In(2)
167	1201.65	117.11	End Shut-In(2)
169	1908.40	115.65	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
700.00	MCW 10%M 90%W	5.01

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespeare Oil Co., Inc.

Frey #2-9

202 W. Main St.
Salem, IL 62881

Sec.9 13s32w Logan

Job Ticket: 29680

DST#: 1

ATTN: Tim Priest

Test Start: 2007.10.17 @ 10:06:00

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: 17000ppm
Viscosity: 50.00 sec/qt	Cushion Volume: bbl	
Water Loss: 6.39 in ³	Gas Cushion Type:	
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 1700.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
700.00	MCW 10%M 90%W	5.009

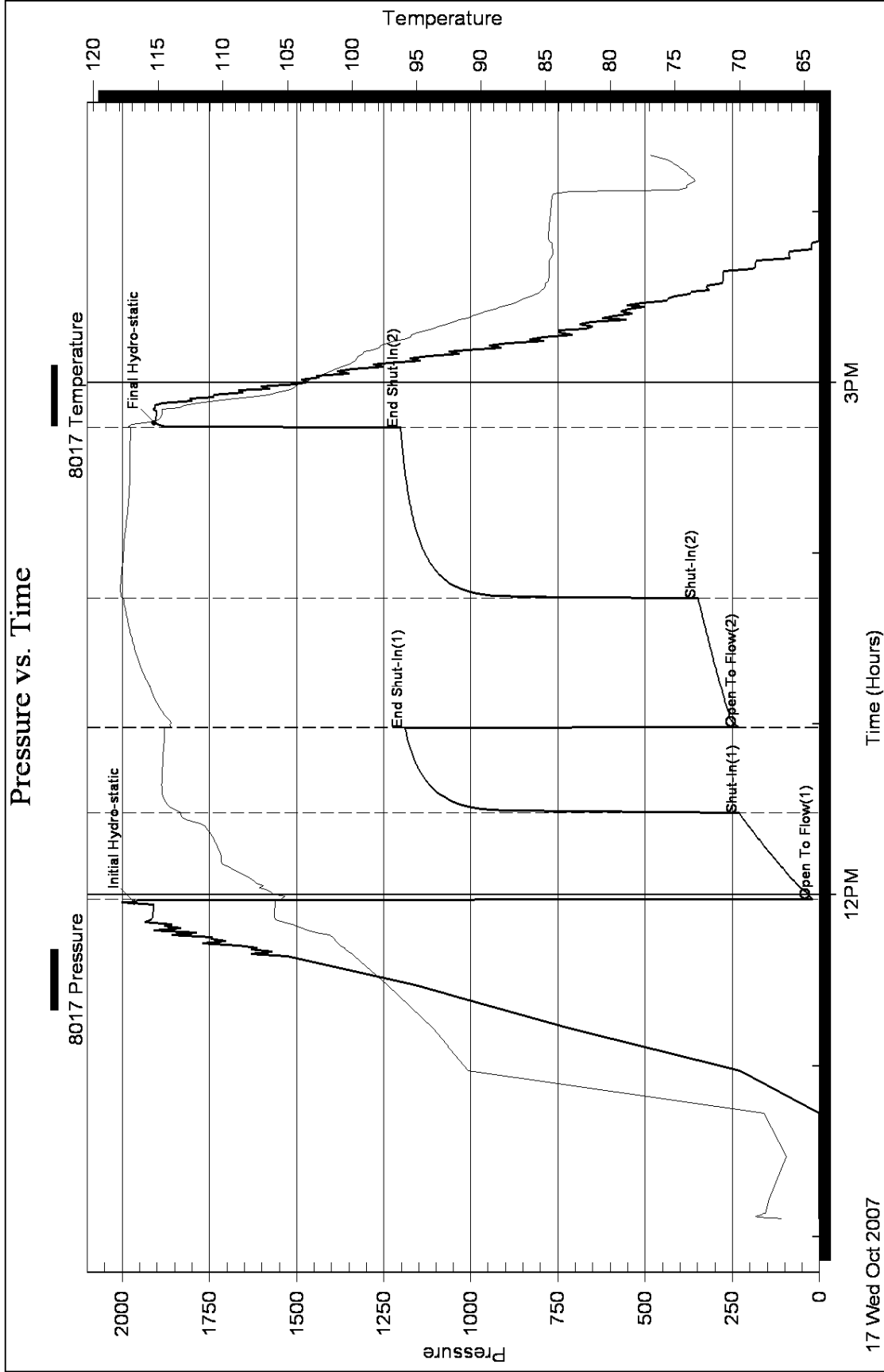
Total Length: 700.00ft Total Volume: 5.009 bbl

Num Fluid Samples:0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: Spots of oil in tool.

RW: .340 @ 82 degrees F = 17000 chlorides.





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Shakespeare Oil Co., Inc.

202 W. Main St.
Salem, IL 62881

ATTN: Tim Priest

Frey #2-9

Sec.9 13s32w Logan

Job Ticket: 29681

DST#: 2

Test Start: 2007.10.18 @ 06:30:00

GENERAL INFORMATION:

Formation: **KC "I"**

Deviated: Nb Whipstock: ft (KB)

Time Tool Opened: 08:20:00

Time Test Ended: 14:44:30

Test Type: Conventional Bottom Hole

Tester: Chuck Smith

Unit No: 37

Interval: 4170.00 ft (KB) To 4200.00 ft (KB) (TVD)

Total Depth: 4200.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3009.00 ft (KB)

2999.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8017 Inside

Press@RunDepth: 146.07 psig @ 4175.00 ft (KB)

Start Date: 2007.10.18

End Date: 2007.10.18

Capacity: 7000.00 psig

Last Calib.: 2007.10.18

Start Time: 06:30:01

End Time: 14:44:30

Time On Btm: 2007.10.18 @ 08:19:15

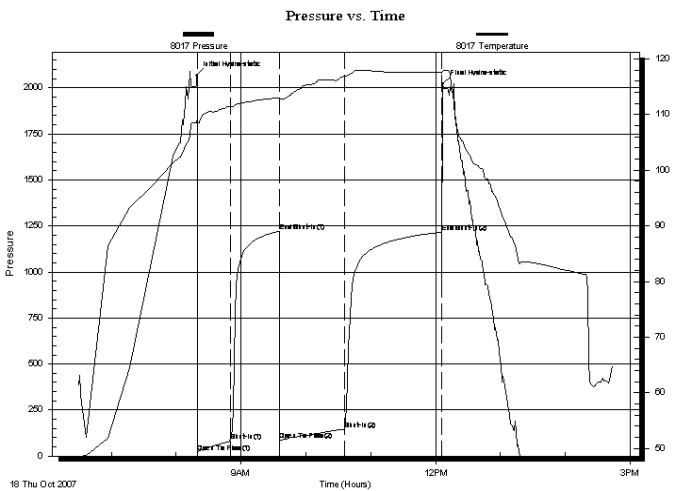
Time Off Btm: 2007.10.18 @ 12:07:00

TEST COMMENT: IF: Blow built to 11".

ISI: Weak return through out.

FF: B.O.B. @ 39 min.

FSI: Weak return died @ 45 min.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2069.01	108.63	Initial Hydro-static
1	19.41	108.34	Open To Flow(1)
31	79.90	111.44	Shut-In(1)
76	1221.04	113.03	End Shut-In(1)
77	85.13	112.72	Open To Flow(2)
137	146.07	116.90	Shut-In(2)
227	1216.66	117.58	End Shut-In(2)
228	2020.98	117.86	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
185.00	GOCM 45%G 5%O 50%M	0.91
140.00	GMCO 20%G 10%M 70%O	0.69

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespeare Oil Co., Inc.

Frey #2-9

202 W. Main St.
Salem, IL 62881

Sec.9 13s32w Logan

Job Ticket: 29681

DST#: 2

ATTN: Tim Priest

Test Start: 2007.10.18 @ 06:30:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 36 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 0 ppm
Viscosity: 55.00 sec/qt	Cushion Volume: bbl	
Water Loss: 7.19 in ³	Gas Cushion Type:	
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 1900.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
185.00	GOCM 45%G 5%O 50%M	0.910
140.00	GMCO 20%G 10%M 70%O	0.688

Total Length: 325.00ft Total Volume: 1.598 bbl

Num Fluid Samples:0

Num Gas Bombs: 0

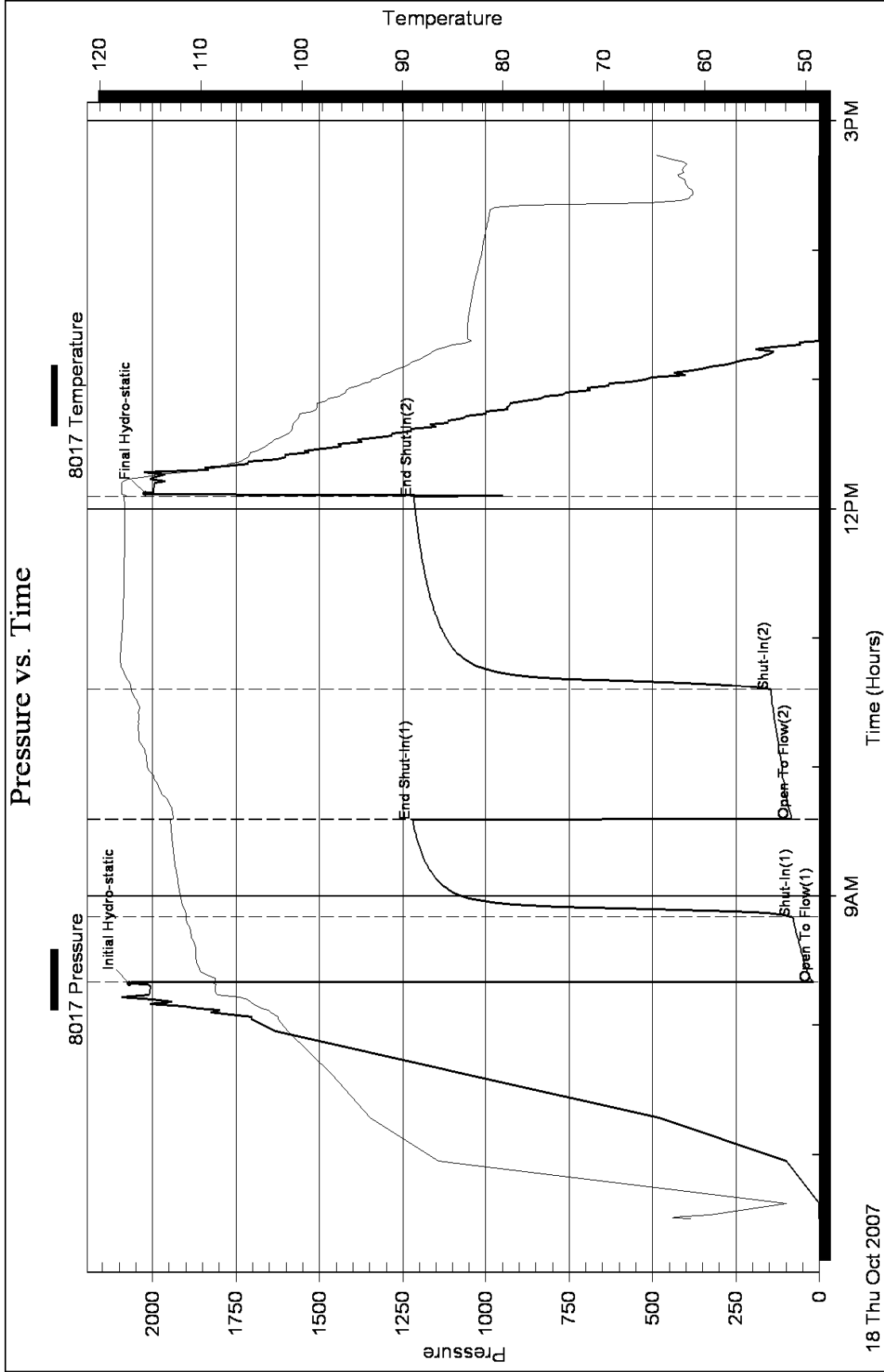
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 425 Feet of gas in pipe.

API; 36 @ 60 degrees F = 36.





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Shakespeare Oil Co., Inc.

Frey #2-9

202 W. Main St.
Salem, IL 62881

Sec.9 13s32w Logan

ATTN: Tim Priest

Job Ticket: 29682

DST#: 3

Test Start: 2007.10.18 @ 21:44:00

GENERAL INFORMATION:

Formation: **KC "J"**

Deviated: Nb Whipstock: ft (KB)

Time Tool Opened: 23:40:00

Time Test Ended: 05:09:45

Test Type: Conventional Bottom Hole

Tester: Chuck Smith

Unit No: 37

Interval: 4200.00 ft (KB) To 4226.00 ft (KB) (TVD)

Reference Elevations: 3009.00 ft (KB)

Total Depth: 4226.00 ft (KB) (TVD)

2999.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8017 Inside

Press@RunDepth: 384.31 psig @ 4201.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2007.10.18

End Date: 2007.10.19

Last Calib.: 2007.10.19

Start Time: 21:44:01

End Time: 05:09:45

Time On Btm: 2007.10.18 @ 23:39:00

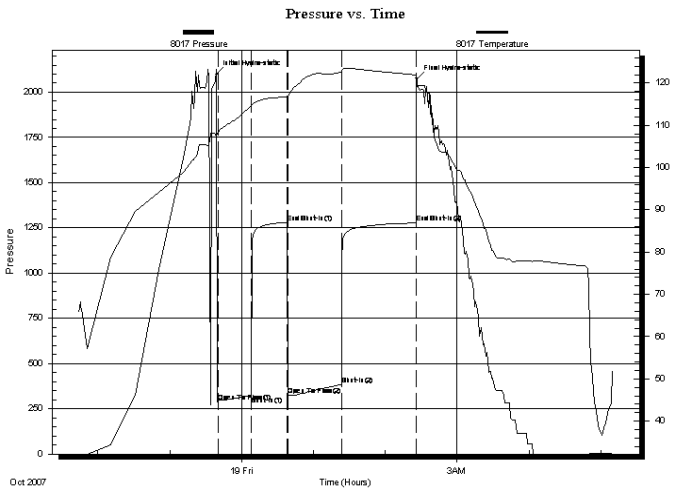
Time Off Btm: 2007.10.19 @ 02:26:15

TEST COMMENT: IF: Packer failure on initial open. 2nd attempt held, B.O.B. @ 29 min.

ISI: Weak return died @ 4 min.

FF: B.O.B. @ 26 min.

FSI: Return built to 5".



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2099.35	107.60	Initial Hydro-static
1	290.12	108.09	Open To Flow(1)
29	321.12	114.43	Shut-In(1)
59	1280.85	116.73	End Shut-In(1)
60	323.99	116.66	Open To Flow(2)
105	384.31	122.58	Shut-In(2)
167	1277.25	121.98	End Shut-In(2)
168	2074.84	120.55	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
370.00	GMCW 10%G 10%M 80%W	1.82
375.00	GOCM 15%G 12%O 73%M	3.82
45.00	GOCM 10%G 5%O 85%M	0.63

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespeare Oil Co., Inc.

Frey #2-9

202 W. Main St.
Salem, IL 62881

Sec.9 13s32w Logan

Job Ticket: 29682

DST#: 3

ATTN: Tim Priest

Test Start: 2007.10.18 @ 21:44:00

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: 20000ppm
Viscosity: 56.00 sec/qt	Cushion Volume: bbl	
Water Loss: 7.20 in ³	Gas Cushion Type:	
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 1700.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

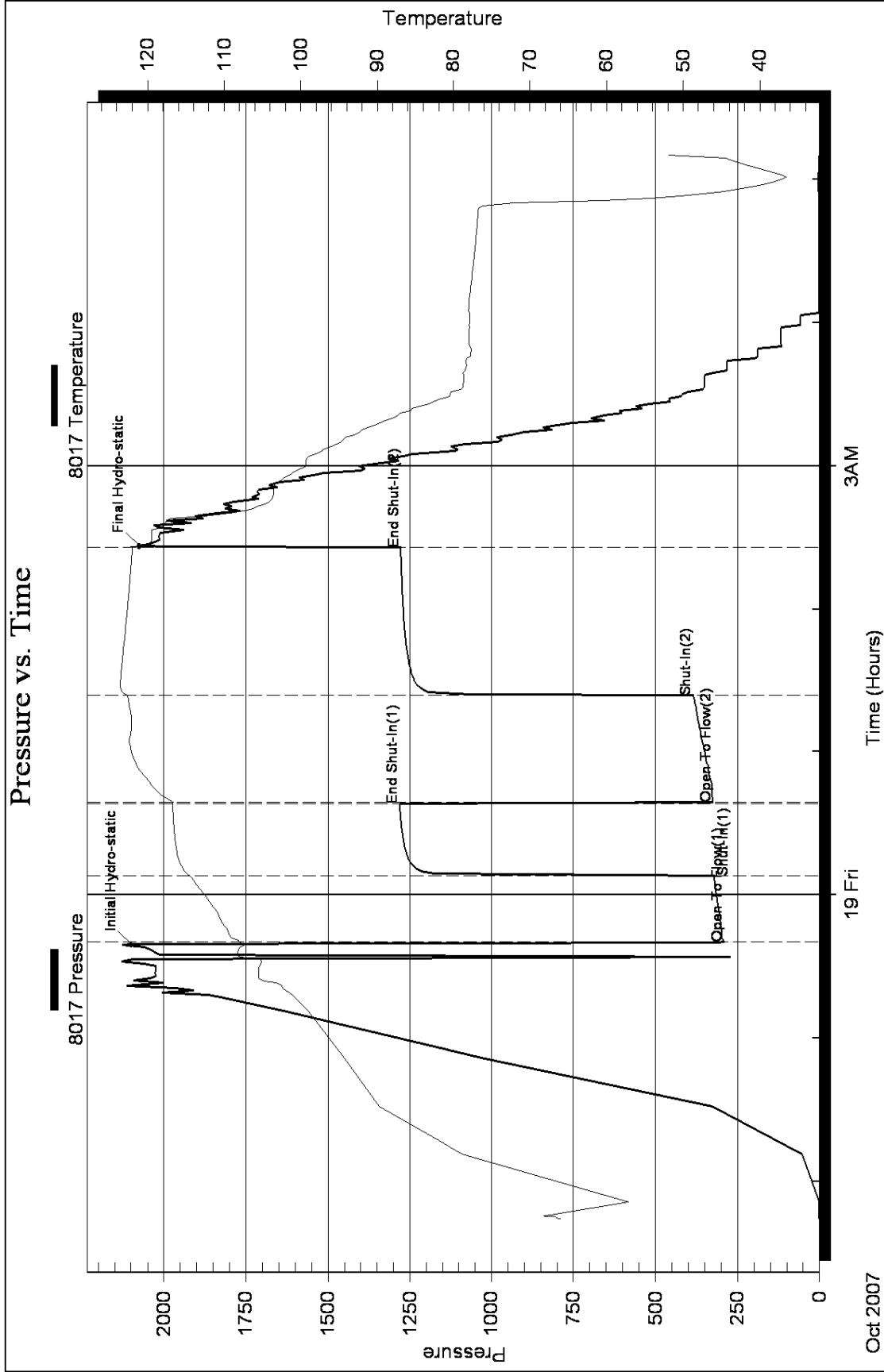
Length ft	Description	Volume bbl
370.00	GMCW 10%G 10%M 80%W	1.820
375.00	GOCM 15%G 12%O 73%M	3.821
45.00	GOCM 10%G 5%O 85%M	0.631

Total Length: 790.00ft Total Volume: 6.272 bbl

Num Fluid Samples:0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: 140 Feet of gas in pipe.
Scum of oil in 370 feet of water.





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Shakespeare Oil Co., Inc.

Frey #2-9

202 W. Main St.
Salem, IL 62881

Sec.9 13s32w Logan

Job Ticket: 29683

DST#:4

ATTN: Tim Priest

Test Start: 2007.10.19 @ 12:10:00

GENERAL INFORMATION:

Formation: **KC "K"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:58:00

Time Test Ended: 19:00:30

Test Type: Conventional Bottom Hole

Tester: Chuck Smith

Unit No: 37

Interval: 4226.00 ft (KB) To 4258.00 ft (KB) (TVD)

Total Depth: 4258.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3009.00 ft (KB)

2999.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8017

Inside

Press@RunDepth: 428.13 psig @ 4233.00 ft (KB)

Start Date: 2007.10.19

End Date:

2007.10.19

Capacity: 7000.00 psig

Last Calib.: 2007.10.19

Start Time: 12:10:01

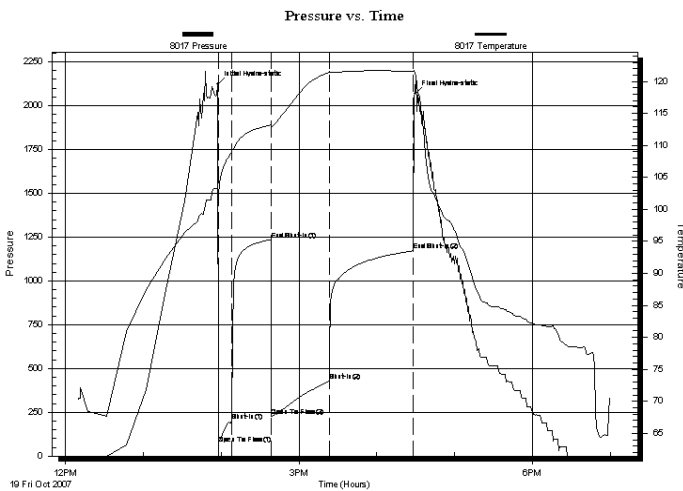
End Time:

19:00:30

Time On Btm: 2007.10.19 @ 13:57:15

Time Off Btm: 2007.10.19 @ 16:29:30

TEST COMMENT: IF: B.O.B. @ 3 min.
ISI: B.O.B. @ 21 min.
FF: B.O.B. @ 3 min.
FSI: B.O.B. @ 8 1/2 min.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2122.60	103.23	Initial Hydro-static
1	71.53	102.38	Open To Flow(1)
11	199.46	109.04	Shut-In(1)
41	1236.47	113.22	End Shut-In(1)
42	225.78	112.96	Open To Flow(2)
86	428.13	121.43	Shut-In(2)
151	1172.37	121.54	End Shut-In(2)
153	2067.19	121.25	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1129.00	GO 65%G 35%O	11.03
32.00	GO 45%G 55%O	0.45

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespeare Oil Co., Inc.

Frey #2-9

202 W. Main St.
Salem, IL 62881

Sec.9 13s32w Logan

Job Ticket: 29683

DST#:4

ATTN: Tim Priest

Test Start: 2007.10.19 @ 12:10:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 39 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 0 ppm
Viscosity: 57.00 sec/qt	Cushion Volume: bbl	
Water Loss: 9.58 in ³	Gas Cushion Type:	
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 2200.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1129.00	GO 65%G 35%O	11.027
32.00	GO 45%G 55%O	0.449

Total Length: 1161.00 ft Total Volume: 11.476 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

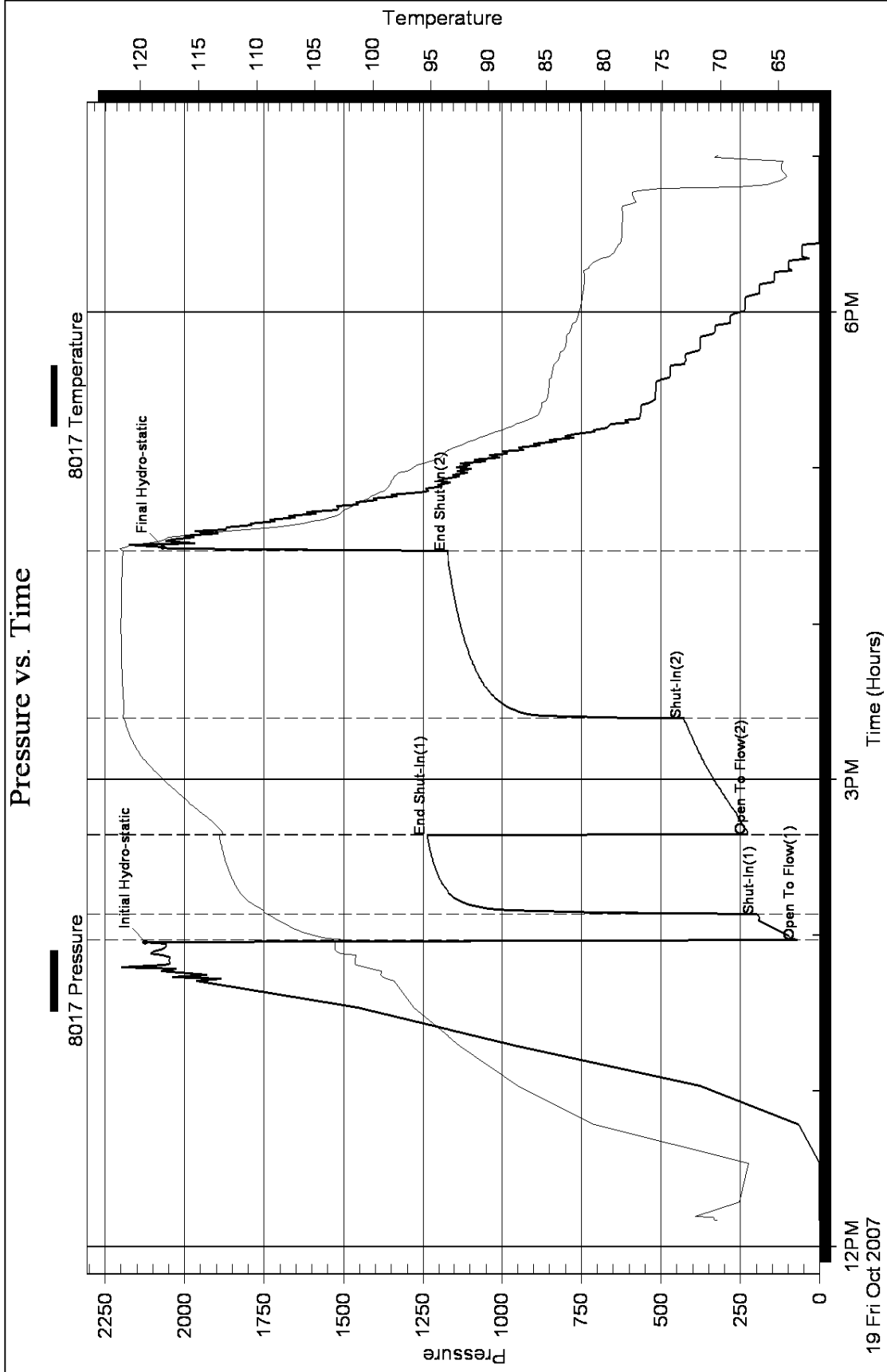
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 1680 Feet of gas in pipe.

API; 39 @ 80 degrees F = 37





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Shakespeare Oil Co., Inc.

Frey #2-9

202 W. Main St.
Salem, IL 62881

Sec.9 13s32w Logan

Job Ticket: 29684

DST#:5

ATTN: Tim Priest

Test Start: 2007.10.20 @ 03:12:00

GENERAL INFORMATION:

Formation: **KC "L"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:07:00

Time Test Ended: 10:19:00

Test Type: Conventional Bottom Hole

Tester: Chuck Smith

Unit No: 37

Interval: 4260.00 ft (KB) To 4306.00 ft (KB) (TVD)

Total Depth: 4306.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3009.00 ft (KB)

2999.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8017

Inside

Press@RunDepth: 342.91 psig @ 4268.00 ft (KB)

Start Date: 2007.10.20

End Date:

2007.10.20

Capacity: 7000.00 psig

Last Calib.: 2007.10.20

Start Time: 03:12:01

End Time:

10:19:00

Time On Btm: 2007.10.20 @ 05:06:00

Time Off Btm: 2007.10.20 @ 07:54:00

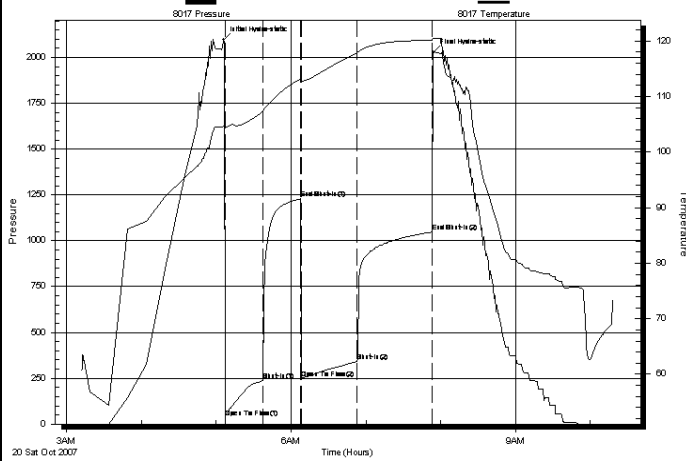
TEST COMMENT: IF: B.O.B. @ 7 1/2 min.

ISI: Return built to 6".

FF: B.O.B. @ 6 min.

FSI: Return built to 6".

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2096.31	104.73	Initial Hydro-static
1	33.52	104.48	Open To Flow(1)
32	238.51	107.39	Shut-In(1)
62	1229.03	113.15	End Shut-In(1)
63	251.22	112.90	Open To Flow(2)
107	342.91	117.84	Shut-In(2)
168	1048.16	120.13	End Shut-In(2)
168	2027.17	120.42	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
279.00	GMWCO 25%G 10%M 50%O 15%W	1.37
566.00	GO 30%G 70%O	5.67

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespeare Oil Co., Inc.

Frey #2-9

202 W. Main St.
Salem, IL 62881

Sec.9 13s32w Logan

Job Ticket: 29684

DST#:5

ATTN: Tim Priest

Test Start: 2007.10.20 @ 03:12:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 29 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 0 ppm
Viscosity: 58.00 sec/qt	Cushion Volume: bbl	
Water Loss: 9.59 in ³	Gas Cushion Type:	
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 2200.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
279.00	GMWCO 25%G 10%M 50%O 15%W	1.372
566.00	GO 30%G 70%O	5.671

Total Length: 845.00ft Total Volume: 7.043 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

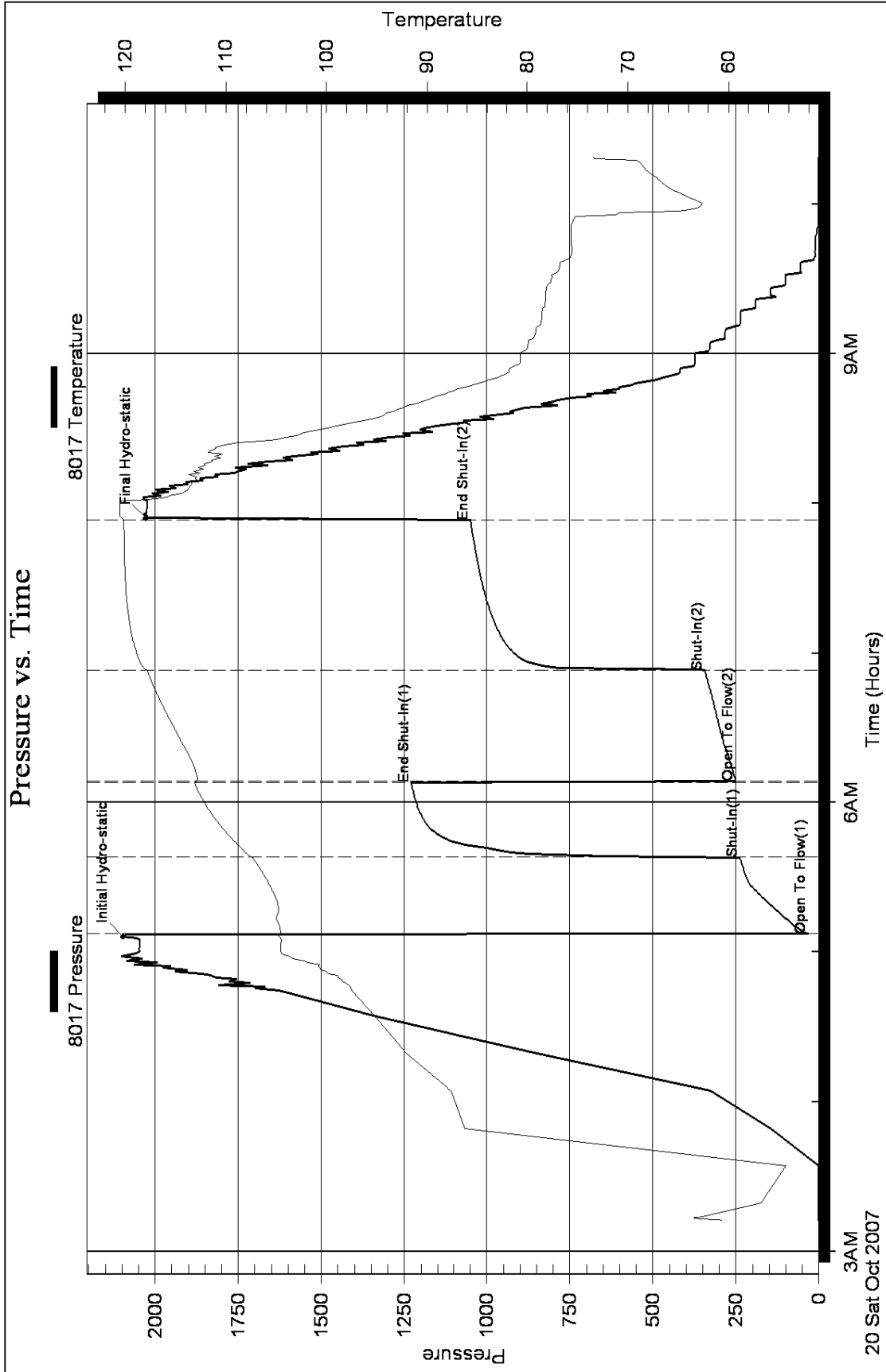
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 760 Feet of gas in pipe.

API; 29 @ 60 degrees F = 29.





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Shakespeare Oil Co., Inc.

Frey #2-9

202 W. Main St.
Salem, IL 62881

Sec.9 13s32w Logan

Job Ticket: 29685

DST#:6

ATTN: Tim Priest

Test Start: 2007.10.20 @ 23:36:00

GENERAL INFORMATION:

Formation: **Marmaton/Pawnee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:16:45

Time Test Ended: 07:37:30

Test Type: Conventional Bottom Hole

Tester: Chuck Smith

Unit No: 37

Interval: 4338.00 ft (KB) To 4441.00 ft (KB) (TVD)

Total Depth: 4441.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3009.00 ft (KB)

2999.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8017

Inside

Press@RunDepth: 88.14 psig @ 4340.00 ft (KB)

Start Date: 2007.10.20

End Date:

2007.10.21

Capacity: 7000.00 psig

Last Calib.: 2007.10.21

Start Time: 23:36:01

End Time:

07:37:30

Time On Btm: 2007.10.21 @ 02:15:30

Time Off Btm: 2007.10.21 @ 05:03:15

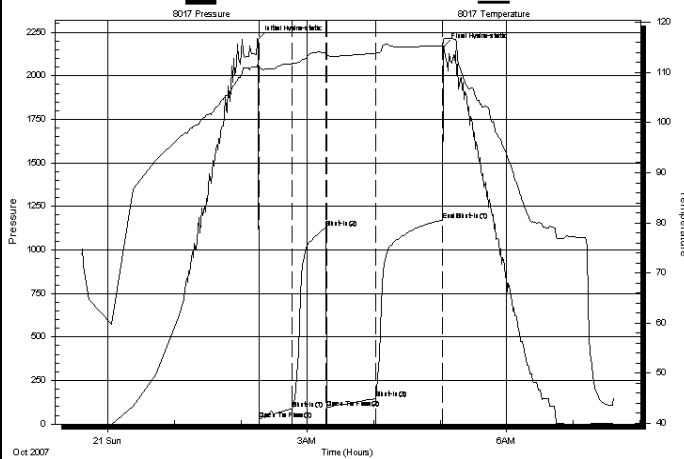
TEST COMMENT: IF: Blow built to 11".

ISI: No return.

FF: B.O.B. @ 29 min.

FSI: Return built to 4".

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2207.47	111.86	Initial Hydro-static
2	25.21	111.16	Open To Flow(1)
31	88.14	111.77	Shut-In(1)
62	1128.03	113.99	Shut-In(2)
62	90.84	113.64	Open To Flow(2)
107	146.72	113.82	Shut-In(3)
167	1171.29	115.35	End Shut-In(1)
168	2163.87	116.54	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
90.00	GOCM 10%G 15%O 75%M	0.44
235.00	GOCM 10%G 10%O 80%M	1.16

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespeare Oil Co., Inc.

Frey #2-9

202 W. Main St.
Salem, IL 62881

Sec.9 13s32w Logan

Job Ticket: 29685

DST#:6

ATTN: Tim Priest

Test Start: 2007.10.20 @ 23:36:00

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: 56.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.19 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 2700.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
90.00	GOCM 10%G 15%O 75%M	0.443
235.00	GOCM 10%G 10%O 80%M	1.156

Total Length: 325.00ft Total Volume: 1.599 bbl

Num Fluid Samples: 0

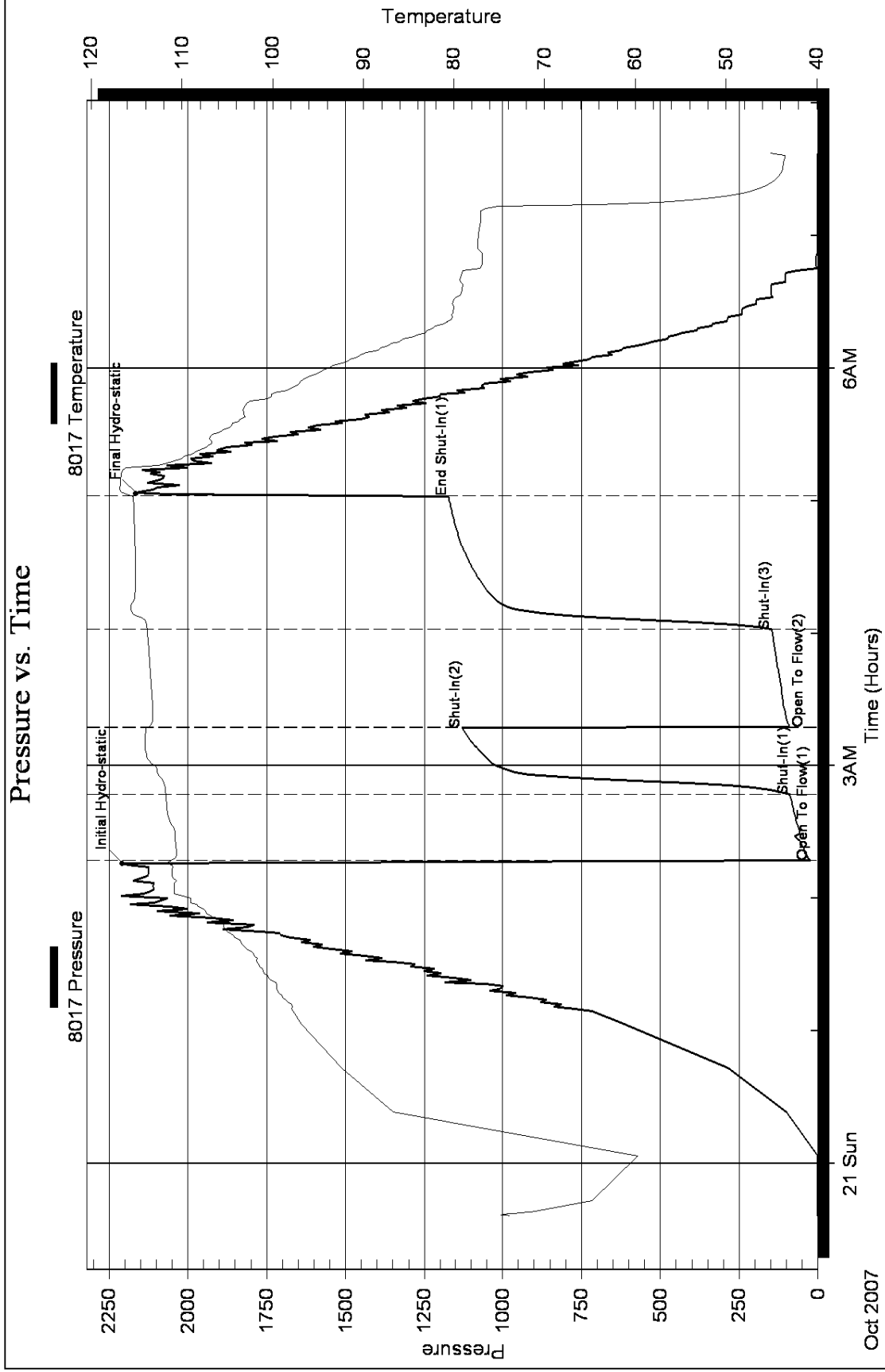
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 45 Feet of gas in pipe.





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Shakespeare Oil Co., Inc.

Frey #2-9

202 W. Main St.
Salem, IL 62881

Sec.9 13s32w Logan

ATTN: Tim Priest

Job Ticket: 29686

DST#: 7

Test Start: 2007.10.21 @ 22:07:00

GENERAL INFORMATION:

Formation: **Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:26:00

Time Test Ended: 05:54:45

Test Type: Conventional Bottom Hole

Tester: Chuck Smith

Unit No: 37

Interval: 4530.00 ft (KB) To 4580.00 ft (KB) (TVD)

Reference Elevations: 3009.00 ft (KB)

Total Depth: 4580.00 ft (KB) (TVD)

2999.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8017 Inside

Press@RunDepth: 423.17 psig @ 4535.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2007.10.21

End Date: 2007.10.22

Last Calib.: 2007.10.22

Start Time: 22:07:01

End Time: 05:54:45

Time On Btm: 2007.10.22 @ 00:25:15

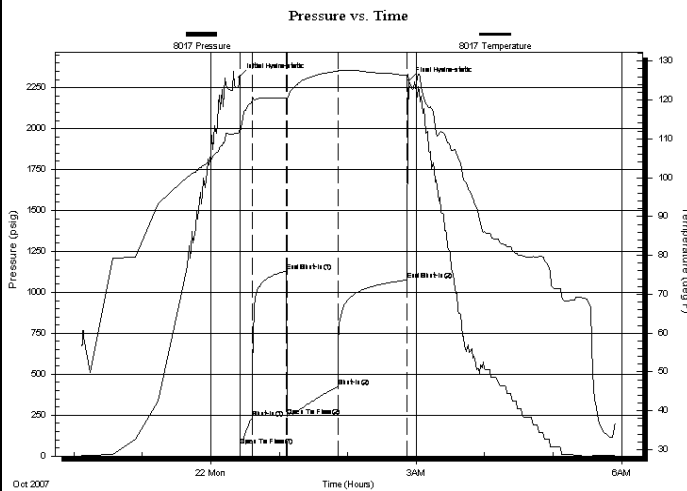
Time Off Btm: 2007.10.22 @ 02:54:00

TEST COMMENT: IF: B.O.B. @ 3 1/2 min.

ISI: Return built to 8 ".

FF: B.O.B. @ 3min.

FSI: B.O.B. @ 10 min.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2313.96	112.03	Initial Hydro-static
1	65.34	111.51	Open To Flow(1)
11	231.37	119.92	Shut-In(1)
41	1129.33	120.62	End Shut-In(1)
42	244.80	120.27	Open To Flow(2)
86	423.17	127.42	Shut-In(2)
147	1074.60	126.36	End Shut-In(2)
149	2293.54	123.97	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
528.00	GWOCM 10%G 15%W 15%O 60%M	2.60
490.00	GO 40%G 60%O	6.87

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespeare Oil Co., Inc.

Frey #2-9

202 W. Main St.
Salem, IL 62881

Sec.9 13s32w Logan

Job Ticket: 29686

DST#: 7

ATTN: Tim Priest

Test Start: 2007.10.21 @ 22:07:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 37 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 21000ppm
Viscosity: 56.00 sec/qt	Cushion Volume: bbl	
Water Loss: 7.99 in ³	Gas Cushion Type:	
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 3200.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
528.00	GWOCM 10%G 15%W 15%O 60%M	2.597
490.00	GO 40%G 60%O	6.873

Total Length: 1018.00 ft Total Volume: 9.470 bbl

Num Fluid Samples:0

Num Gas Bombs: 0

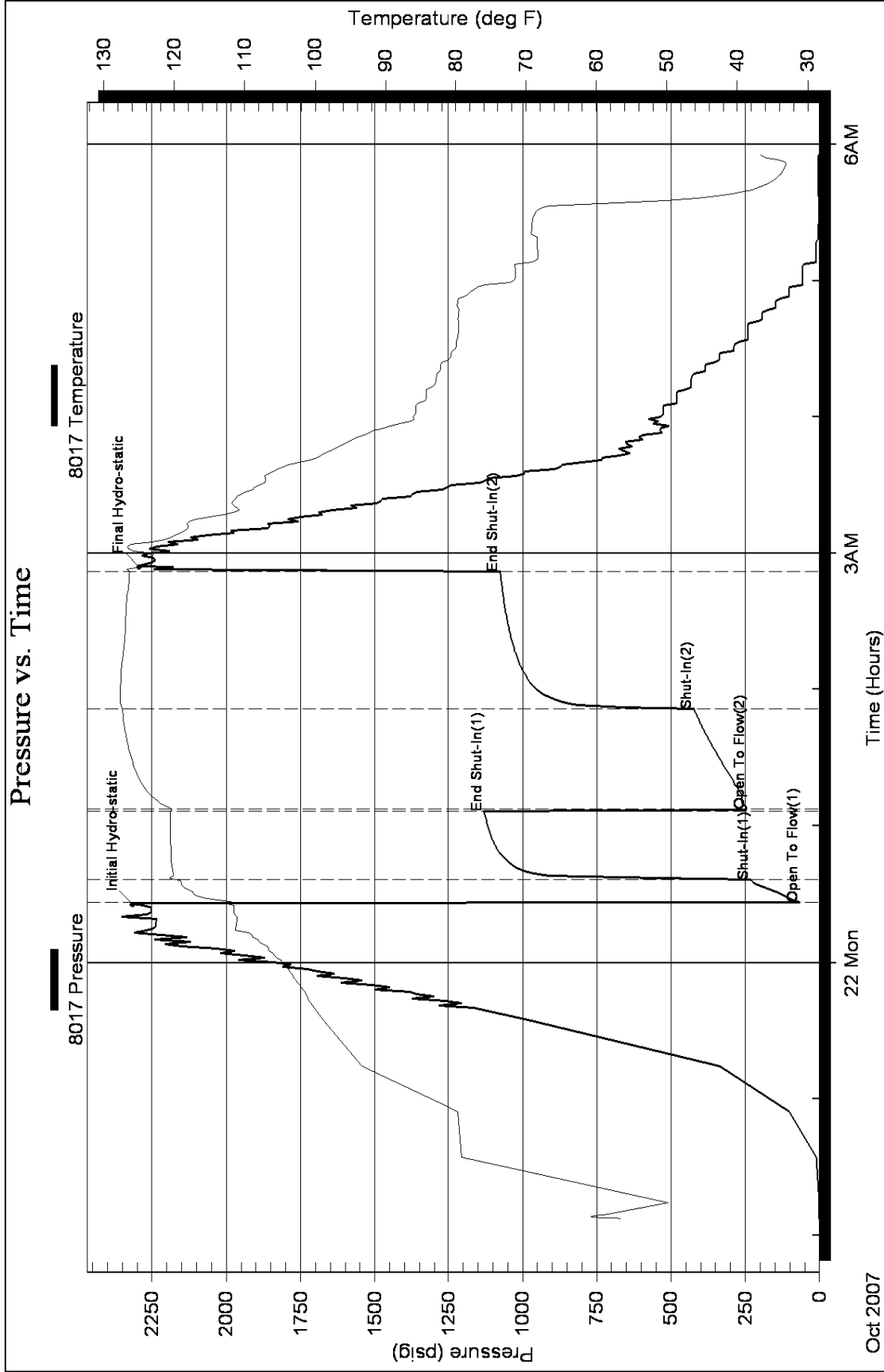
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 200 Feet of gas in pipe.

API; 35 @ 40 degrees F = 37.





24 S. Lincoln Street
 P.O. Box 31
 Russell, KS 67665-2906
 Voice: (785) 483-3887
 Fax: (785) 483-5566

INVOICE

Invoice Number: 110659
 Invoice Date: Oct 15, 2007
 Page: 1

Bill To:
 Shakespere Oil Co., Inc.
 202 West Main St.
 Salem, IL 62881

Federal Tax I.D.#: 20-5975804

File copy

Customer ID	Well Name# or Customer P.O.	Payment Terms
Shak	Frey #2-9	Net 30 Days
Sales Rep ID	Camp Location	Service Date
	Oakley	Oct 15, 2007
		Due Date
		11/14/07

Quantity	Item	Description	Unit Price	Amount
175.00	MAT	Common Class A	12.60	2,205.00
3.00	MAT	Gel	16.65	49.95
6.00	MAT	Chloride	46.60	279.60
184.00	SER	Handling	1.90	349.60
1.00	SER	Minimum Handling Mileage Charge	250.00	250.00
1.00	SER	Surface	815.00	815.00
13.00	SER	Mileage Pump Truck	6.00	78.00
1.00	EQP	Surface Plug	60.00	60.00

Subtotal	4,087.15
Sales Tax	163.46
Total Invoice Amount	4,250.61
Payment/Credit Applied	
TOTAL	4,250.61

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

\$ 408.71

ONLY IF PAID ON OR BEFORE

Nov 14, 2007

ALLIED CEMENTING CO., INC.

31756

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

Federal Tax I.D.# 48-0727860

SERVICE POINT:

Oakley

DATE <u>10-12-07</u>	SEC. <u>9</u>	TWP. <u>13^s</u>	RANGE <u>32^w</u>	CALLED OUT	ON LOCATION <u>8:30 PM</u>	JOB START <u>9:00 PM</u>	JOB FINISH <u>9:30 PM</u>
BASE <u>Frey</u>	WELL# <u>2-9</u>	LOCATION <u>Oakley 10 S-1 W-34 S-1/4 W</u>			COUNTY <u>Logan</u>	STATE <u>Kan</u>	
OLD OR (NEW) (Circle one)							

CONTRACTOR MurFin Drilling Co #14 OWNER Same

TYPE OF JOB Surface
 HOLE SIZE 12 1/4 T.D. 226'
 CASING SIZE 8 5/8 DEPTH 226'
 TUBING SIZE DEPTH

CEMENT
 AMOUNT ORDERED 175 sks com
3% cc - 2% lat

DRILL PIPE DEPTH
 FOOT DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG. 15'
 PERFS.
 DISPLACEMENT 13 1/2 BBL

COMMON 175 sks @ 12.60 2,205.00
 POZMIX @
 GEL 3 sks @ 16.65 49.95
 CHLORIDE 6 sks @ 46.00 279.60
 ASC @

EQUIPMENT
 PUMP TRUCK CEMENTER Walt
4170 HELPER
 BULK TRUCK
370 DRIVER Ricky
 BULK TRUCK DRIVER

HANDLING 184 sks @ 1.90 349.60
 MILEAGE 94 per sk/mile 250.00
 TOTAL 3,134.15

REMARKS:

Cement Did Cure
Thank You
 CHARGE TO: Shakespeare Oil Co.
 STREET _____

SERVICE

DEPTH OF JOB
 PUMP TRUCK CHARGE 815.00
 EXTRA FOOTAGE
 MILEAGE 13 miles @ 6.00 78.00
 MANIFOLD @

TOTAL 893.00

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

1-Surface Plug @ 60.00
85.78
 TOTAL 60.00

To Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment and furnish cementer and helper 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 & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX _____
 TOTAL CHARGE _____
 DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE Steve Unruh

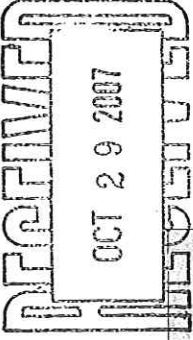
PRINTED NAME Steve Unruh



24 S. Lincoln Street
 P.O. Box 31
 Russell, KS 67665-2906
 Voice: (785) 483-3887
 Fax: (785) 483-5566

INVOICE

Invoice Number: 110818
 Invoice Date: Oct 25, 2007
 Page: 1



Bill To:

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

Federal Tax I.D.#: 20-5975804

Well File
 INT.

Customer ID	Well Name # or Customer P.O.	Payment Terms
Shak	Frey #2-9	Net 30 Days
Sales Rep ID	Camp Location	Service Date
	Oakley	Oct 25, 2007
		Due Date
		11/24/07

Quantity	Item	ASC Class A	Description	Unit Price	Amount
175.00	MAT	ASC Class A		14.90	2,607.50
875.00	MAT	Gilsonite		0.70	612.50
123.00	MAT	CD-31		7.50	922.50
500.00	MAT	WFR-2		1.00	500.00
213.00	SER	Handling		1.90	404.70
1.00	SER	Minimum Handling Mileage Charge		250.00	250.00
1.00	SER	Production Casing		1,750.00	1,750.00
13.00	SER	Mileage Pump Truck		6.00	78.00
1.00	SER	Manifold Head Rental		100.00	100.00
1.00	SER	Rotating Head Rental		100.00	100.00

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

\$ 732.52

ONLY IF PAID ON OR BEFORE

Nov 24, 2007

Subtotal	7,325.20
Sales Tax	292.48
Total Invoice Amount	7,617.68
Payment/Credit Applied	
TOTAL	7,617.68

ALLIED CEMENTING CO., INC.

31780

Federal Tax I.D. # 48-0727860

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

SERVICE POINT:

Ogkley

DATE	10-23-07	SEC.	9	TWP.	13s	RANGE	32w	CALLED OUT	11:00 AM	ON LOCATION	2:00 PM	JOB START	3:00 PM	JOB FINISH
LEASE	Frey	WELL #	2-9	LOCATION	Ogkley 11.5 1w 34s 1/2 w					COUNTY	Logan	STATE	Ks	
OLD OR NEW	(Circle one)													

CONTRACTOR Murfin Drilling Rig 14
 TYPE OF JOB Production
 HOLE SIZE 7 7/8 T.D. 4689'
 CASING SIZE 5 1/2 DEPTH 4689'
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE ~~4 1/2~~ DEPTH _____
 TOOL port collar DEPTH 2464'
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT 42.70
 CEMENT LEFT IN CSG. 42.70
 PERFS. _____
 DISPLACEMENT 110.6 BBL

OWNER same
 CEMENT AMOUNT ORDERED 125 sks ASC
5# Gilsonite 3/4 of 1% CO-31
500 gal WFR-2 #

EQUIPMENT
 PUMP TRUCK CEMENTER Andrew
 # 423-281 HELPER Alan
 BULK TRUCK DRIVER Jerry
 # 218
 BULK TRUCK DRIVER _____
 # _____

COMMON @ _____
 POZMIX @ _____
 GEL @ _____
 CHLORIDE @ _____
 ASC 125 sks @ 14.90 2607.50
Gilsonite 825# @ .70 612.50
CO-31 123# @ 7.50 922.50
500 gal WFR-2 @ 1.00 500.00

REMARKS:
Pump 500 gal WFR-2 20 BBL
water 10 sks mouse hole
15 sks Ret Act hole
mix 150 sks Asc down center
wash pump line clean Displace
plug 800 lb lift 100 ft land
plug landed float 1e.10
Thank you

HANDLING 213 sks @ 1.90 404.70
 MILEAGE 98 sk/mile man 250.00
 TOTAL 5297.20
 SERVICE
 DEPTH OF JOB 4689'
 PUMP TRUCK CHARGE 1750.00
 EXTRA FOOTAGE @ _____
 MILEAGE 13 miles @ 6.00 78.00
 MANIFOLD head rental @ _____ 100.00
Rotator @ _____ 100.00

CHARGE TO: Shakespeare oil co
 STREET _____
 CITY _____ STATE _____ ZIP _____

TOTAL 2028.00
 PLUG & FLOAT EQUIPMENT

To Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment and furnish cementer and helper 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 & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TOTAL _____
 TAX _____
 TOTAL CHARGE _____
 DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE T.C. Larson

PRINTED NAME T.C. LARSON



INVOICE

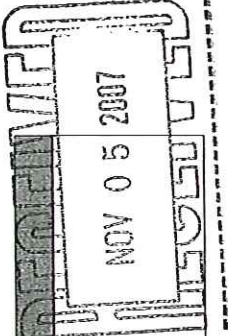
24 S. Lincoln Street
 P.O. Box 31
 Russell, KS 67665-2906
 Voice: (785) 483-3887
 Fax: (785) 483-5566

Invoice Number: 110883
 Invoice Date: Oct 30, 2007
 Page: 1

Bill To:
 Shakespere Oil Co., Inc.
 202 West Main St.
 Salem, IL 62881

Federal Tax I.D.#: 20-5975804

INT. web file



Customer ID	Well Name# or Customer P.O.	Payment Terms
Shak	Frey #2-9	Net 30 Days
Sales Rep ID	Camp Location	Service Date
	Oakley	Oct 30, 2007
		Due Date
		11/29/07

Quantity	Item	Description	Unit Price	Amount
450.00	MAT	Lightweight Class A	11.85	5,332.50
10.00	MAT	Hulls	25.50	255.00
113.00	MAT	Flo Seal	2.00	226.00
541.00	SER	Handling	1.90	1,027.90
13.00	SER	Mileage 541 sx @.09 per sk per mi	48.69	632.97
1.00	SER	Port Collar	955.00	955.00
13.00	SER	Mileage Pump Truck	6.00	78.00

ALL PRICES ARE NET, PAYABLE
 30 DAYS FOLLOWING DATE OF
 INVOICE. 1 1/2% CHARGED
 THEREAFTER. IF ACCOUNT IS
 CURRENT, TAKE DISCOUNT OF
850.74

\$ 8,507.37

ONLY IF PAID ON OR BEFORE

Nov 29, 2007

Subtotal	8,507.37
Sales Tax	366.25
Total Invoice Amount	8,873.62
Payment/Credit Applied	
TOTAL	8,873.62

ALLIED CEMENTING CO., INC.

28815

Federal Tax I.D.# 48-0727860

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

SERVICE POINT:

OAKLEY

10-26-07 DATE	SEC 9	TWP 13S	RANGE 32W	CALLED OUT	ON LOCATION 12:45 PM	JOB START 3:45 PM	JOB FINISH 4:45 PM
FRY LEASE	WELL # 2-9	LOCATION OAKLEY	11W-1W-45-W-2W		COUNTY LOGAN	STATE KS	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR FARTZLER TRUCKING INC
OWNER SPARE

TYPE OF JOB PORT COLLAR

HOLE SIZE T.D.
CASING SIZE 5 1/2' DEPTH
TUBING SIZE 2 3/8" DEPTH 2464'
DRILL PIPE DEPTH
TOOL PORT COLLAR DEPTH 2464'
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT
CEMENT LEFT IN CSG.
PERFS.
DISPLACEMENT

EQUIPMENT

PUMP TRUCK CEMENTER TERRY
422 HELPER WAYNE
BULK TRUCK DRIVER LORDEE
377
BULK TRUCK DRIVER DARRIN
399

CEMENT
AMOUNT ORDERED 500 SKS Lot# 1/4 # Ho-Sin 1 500⁺ Hulls

COMMON @
POZMIX @
GEL @
CHLORIDE @
ASC @
Lot# 450 SKS @ 11 83 5332 50
Hulls 70 SKS @ 25 50 255 50
Flo-seal 113 # @ 2 00 226 50

HANDLING 541 SKS @ 1 20 1027 90
MILEAGE 94 PER SK / MILE @ 6 32 97 6
TOTAL 7474 37

REMARKS:
PRESSURE TEST SYSTEM TO 1000 PSI.
OPEN PORT COLLAR. MEY 250 SKS CEMENT WITH
300⁺ HULLS. LOST CIRCULATORS. SHOT DOWN FOR
45 MIN. MEY 200 SKS CEMENT WITH 200⁺
HULLS. DISPLACE 8 1/2 BBLs WATER. C/LOSE
PORT COLLAR PRESSURE TO 1000 PSI. RUN
10 JTS REVERSE BUT
CEMENT ALSO SET.
THANK YOU

DEPTH OF JOB 2464'
PUMP TRUCK CHARGE 955 50
EXTRA FOOTAGE @
MILEAGE 13 ME @ 6 00 78 00
MANIFOLD @
TOTAL 1033 50

CHARGE TO: SHAKESPEARE OIL, CO.
STREET _____
CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

DEPTH OF JOB _____ @
PUMP TRUCK CHARGE _____ @
EXTRA FOOTAGE _____ @
MILEAGE _____ @
MANIFOLD _____ @
TOTAL _____

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper 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 & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX _____
TOTAL CHARGE _____
DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE T.C. Larson

PRINTED NAME T.C. LARSON

Tim Priest

Consulting Petroleum Geologist

Phone: 1-800-209-3242

Timpriest1@yahoo.com

GEOLOGIST'S REPORT DRILLING TIME AND SAMPLE LOG

OPERATOR Shakespeare Oil Co.
 LEASE Frey #2-9 ✓
 FIELD Wildcat
 LOCATION 2228' FNL, 1779' FEL
 SEC. 9 TWP. 13s RGE. 32w
 COUNTY Logan STATE Kansas

ELEVATION

KB 3009'
 DF _____
 GL 2999'
 Measurements Are All
 From: KB

CONTRACTOR Murfin Drilling Rig #14
 COMM: _____ COMP: 10-23-07
 RTD 4689 LOG TD: _____
 SAMPLES SAVED FROM 3650' TO TD
 DRILLING TIME KEPT FROM 3650' TO TD
 SAMPLES EXAMINED FROM 3650' TO TD
 GEOLOGICAL SUPERVISION FROM 3800' TO TD
 MUD UP 3600' TYPE MUD Chemical
 API # 15-109-20787

CASING RECORD

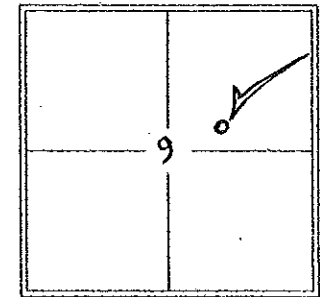
SURFACE 8 5/8" @ 225'

 PRODUCTION 5 1/2" @

FORMATION	LOG		SAMPLE		STRUCT. COMP.
	TOP	DATUM	TOP	DATUM	
Anhydrite	2490+519		NA		
B/Anhydrite	2512+497		NA		
Topeka	3796-787		3796-787		
Heebner	3956-947		3957-948		
Lansing	3999-990		3999-990		
Muncie Creek	4145-1136		4155-1136		
Stark	4227-1218		4227-1218		
Fort Scott	4482-1472		4481-1472		
Cherokee Sh.	4512-1503		4512-1503		
Mississippi	4612-1603		4612-1603		

WELL LOG SURVEYS

Dual Induction
 Neutron Density
 MicroLog
 Sonic



REFERENCE WELL FOR STRUCTURAL COMPARISON _____

PRIEST-07

LEGEND

- Anhydrite
- Salt
- Sandstone
- Shale
- Carb sh
- Limestone
- Ool. Lime
- Chert
- Dolomite

LITHOLOGY	DEPTH	DRILLING TIME (Logarithmic Scale)	SAMPLE DESCRIPTIONS	REMARKS
	3700	.5 1 5 10 15.20 30		

Topoka
3796-787

sh gxy = bed = red

LS cm = lt gxy, fa xtl, fos, li
shky

LS cm = tan, fa xtl, fos = x fa
ool, F = gd int xtl, pp, p, AS

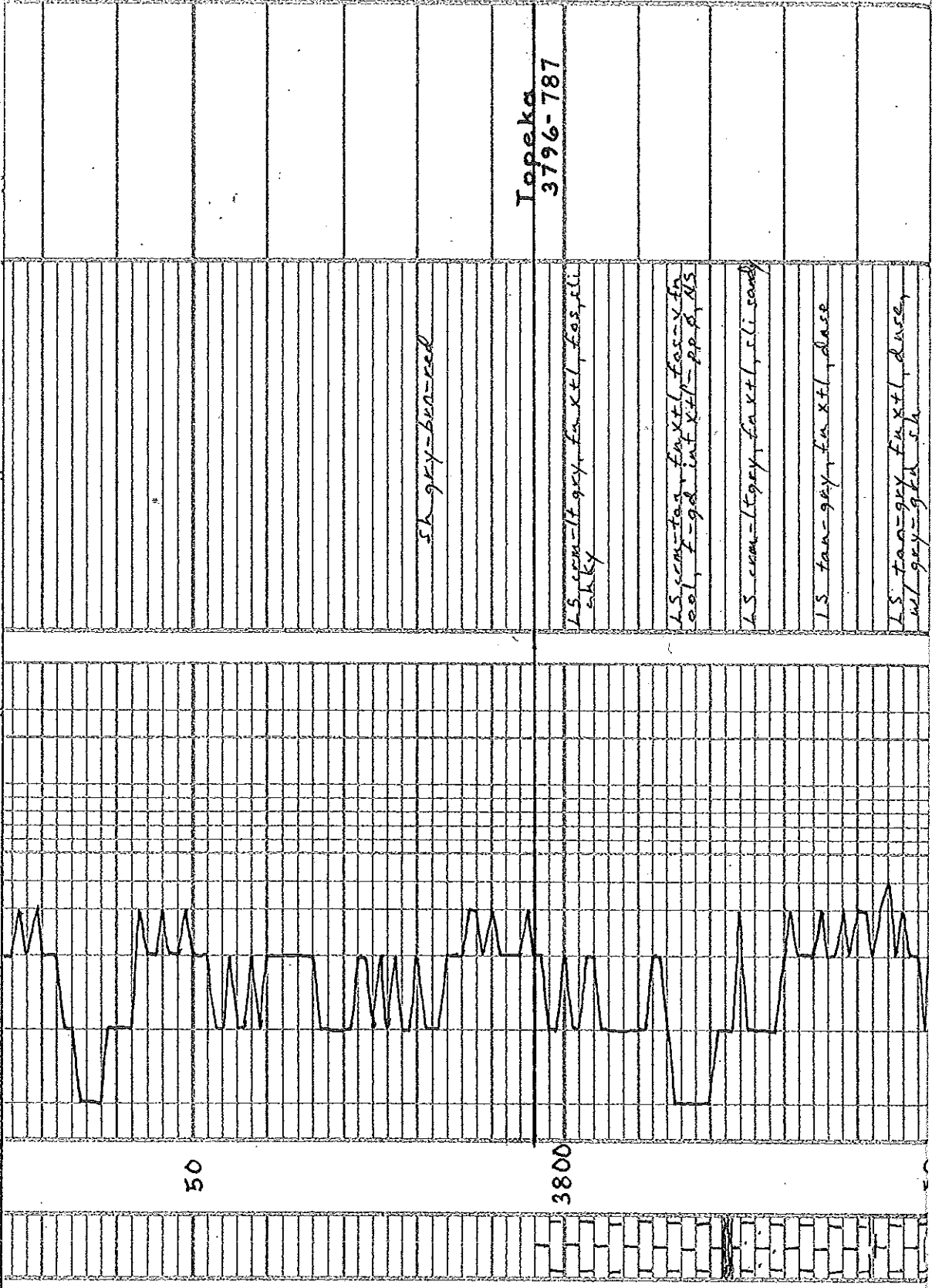
LS cm = lt gxy, fa xtl, li sand

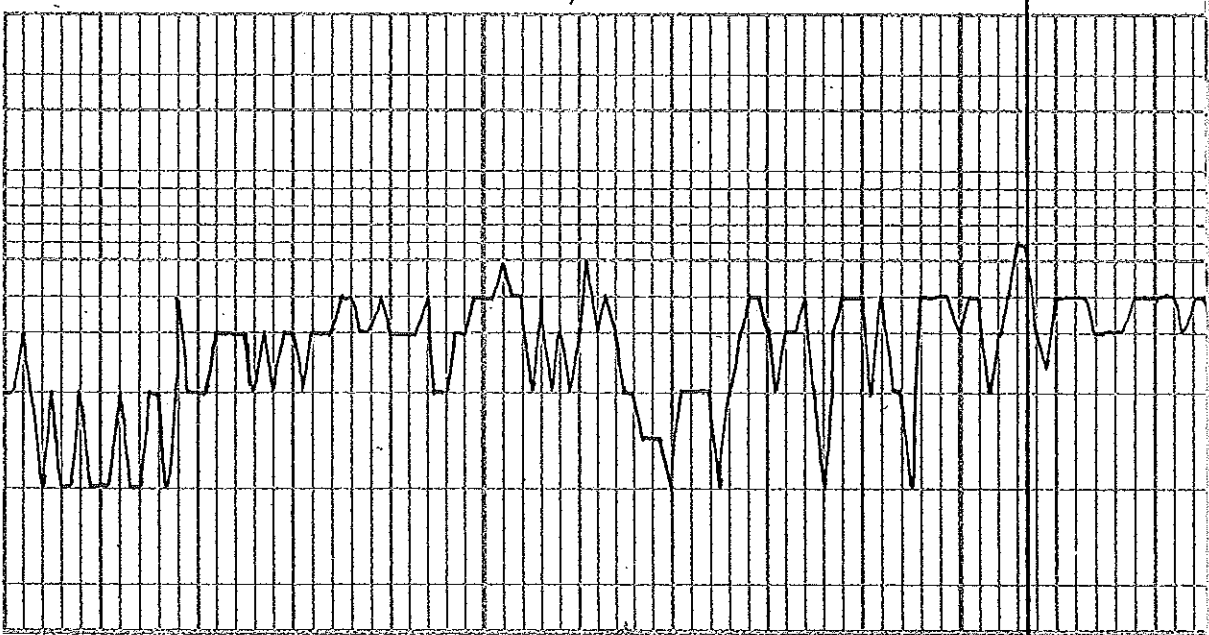
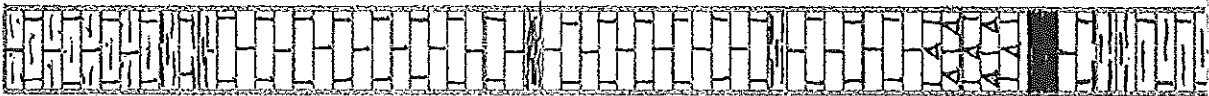
LS tan = gxy, fa xtl, dase

LS tan = gxy, fa xtl, duse,
wt gxy = gtd sh

50

3800





sh gray, silty, calc	
LS tan, f. xtl, f. base	
LS tan-gray, mottled, v. f. xtl, base	
LS tan-gray, mottled, f. xtl, base	
sh gray-blk	
LS cream-tan, f. xtl, f. base, f. int xtl-ppp, AS	
sh gray	
LS cream-tan, f. xtl, f. base, f. int xtl-ppp, AS	
LS tan-gray, f. xtl, cherty, base	
sh blk carb	
sh gray-blk	
sh gray-blk calc	
	Mud: 48 vif 90 wif
	Heebner 3957-948

50

3900

50

Lansing
3999-990

Mud: 50 vif
9.0 wt

DST #1 4010-4060
 (30-30-45-60)
 Rec: 700 MCW/215 of 01
 FPS: 20-230#/2327347#
 SIPs: 1189#/1201#
 HSPs: 1965#/1908#
 BHT: 117

Pipe: 3" rpp @ 4060 was
 1.53" short to board
 .04" Dey

LS cem-1t gcy, fa xtl, fos-sli
 o.o., p int xtl-ppp, NS

LS cem-tan, fa xtl, dare
 sh gcy-grn

LS cem-tan, fa xtl, fos-sli
 o.o., p int xtl-ppp, NS

sh gcy-grn, seals

sh gcy-brn-grn

LS cem-fa xtl, fos-slicckx
 p-f pp-v49-8 sptd dk sta
 S.S.EQ, v sl o.dor dull fluor

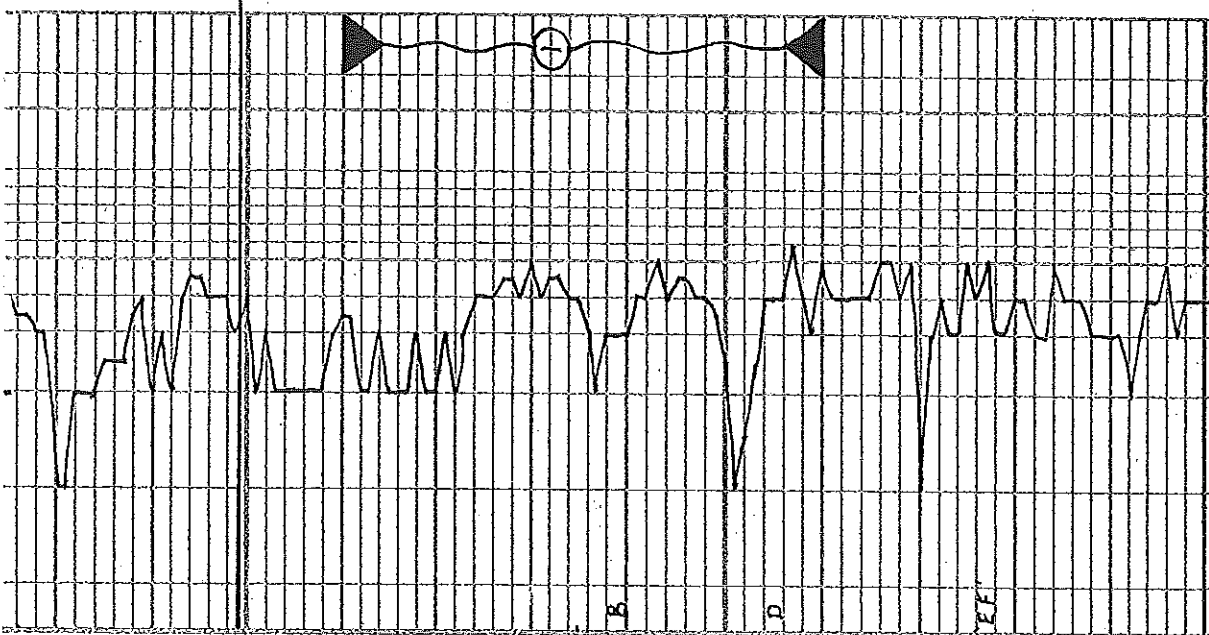
LS cem-1t gcy, fa xtl, fos-sli
 int xtl-ppp sptd dk sta
 S.S.EQ, v sl o.dor dull fluor

LS tan-gcy, fa xtl, dare

sh gcy-blk

LS cem-1t gcy, fa xtl, slicckx
 sh gcy-grn

LS cem-tan, v fa xtl, slicckx

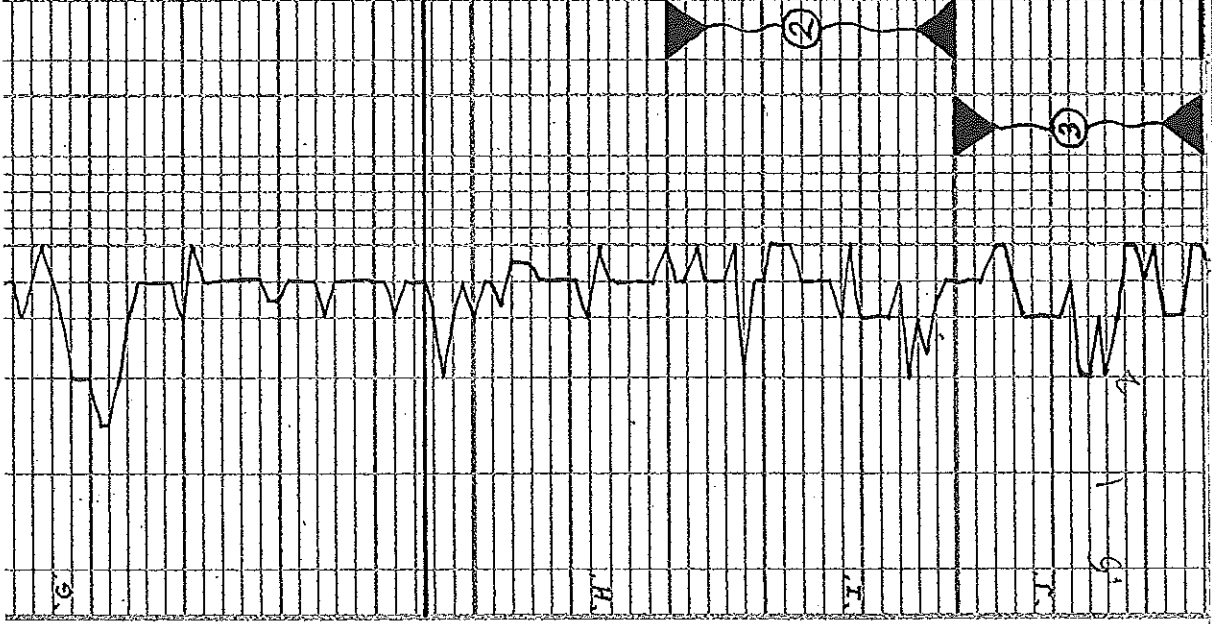


4000

50

4100





50

4200

LS com-wk faxtl, cal, slicky
f acc pnds

LS spa-1kgy, mic xtl, sli fac,
chty

AA

sh blk carb

LS com-grx matld faxtl int
xtl, p, carb dk, g, l, sta, N, E, O

LS com-lt ggy, mic xtl, chty

SL blk

sh ggy-gra-red, cala

LS tan faxtl, sli fac, f int xtl
ppd, lt spid, sat sta, SSEO f, GB,
f, odor f, fluor
LS com-faxtl, sli fac, f, p, xtl
p, spid, sat sta, SSEO f, GB, f, l, odor
f, dull fluor

LS com-faxtl, sli fac, chky
f, int xtl, spid, sat sta,
f, SSEO f, GB, strong odor, f, dull,
bright fluor

LS com-lt ggy, faxtl, f, s, o, o, l, f, int xtl
int ool, spid, sat sta, SSEO, f, odor

Muncie Creek 4145-1136

DST#2 4170-4200
(30-75-60-90)

Rec: 425' GIP
140' G/MCO (70%O)

185' GOCM (5%O)

FPS: 19-80# / 85-146#
SIPS: 1221# / 1217#
HSPS: 2069# / 2021#

BRT: 118°

DST#3 4200-4226
(30-30-45-60)

Rec: 140' GIP
375' GOCM (12%O)

45' GOCM (5%O)
370' G/MCO w/ cum oil
(80% wt)

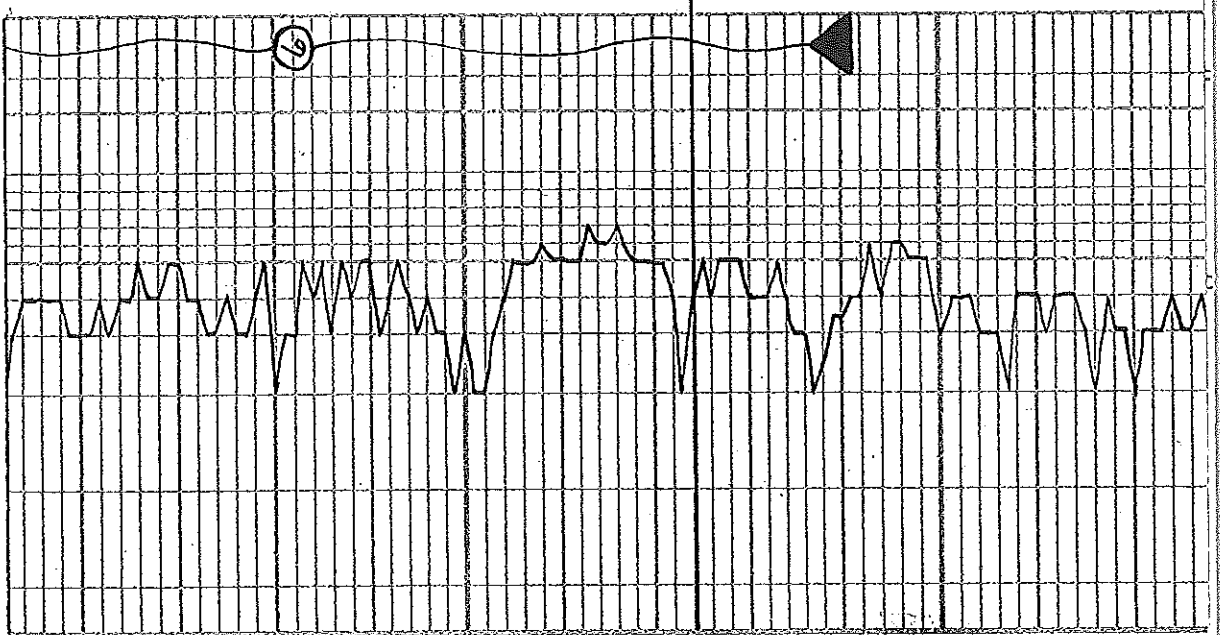
FPS: 290-321# / 324-384#
SIPS: 1228# / 1217#
BRT: 122°

S. J. S. R. K.

LS grey-fa xtl, fos, shky, fcau, fcs w/ p, pp-vug, p, spt, ftn, S5EO, f odor	LS tan-fa xtl, fos, shky, fcau, fcs w/ p, pp-vug, p, spt, ftn, S5EO, f odor	LS tan-fa xtl, fos, p=f, int xtl, f, pp-vug, p, spt, f, ftn, S5EO, f odor	LS tan-fa xtl, fos, shky, chky	LS tan-fa xtl, fos, shky, fcau, fcs w/ p, pp-vug, p, spt, ftn, S5EO, f odor	LS tan-brn, mic xtl, base	LS tan-gry, vtn xtl, s-lty	LS tan-brn, mic xtl, chky
LS com-gry, fa xtl, shky, base	LS com-lt gr, fa xtl, fos, fcau, fcs w/ p, pp-vug, p, spt, ftn, S5EO, f odor	LS grey-grat, calc	LS tan-fa xtl, fos, p=f, int xtl, f, pp-vug, p, spt, f, ftn, S5EO, f odor	LS grey-grat, calc	LS tan-brn, mic xtl, base	LS tan-gry, vtn xtl, s-lty	LS tan-brn, mic xtl, chky
SH blk	SH blk carb	SH blk carb	SH blk carb	SH blk carb	SH blk carb	SH blk carb	SH blk carb

Pawnee
4424-1415

DST# 6 4338-4441
(30-30-45-60)
Rec: 45, GIP
235, GOCM (10%)
90 GOCM (15%)
FPS: 25-88# / 91-147#
SIPs: 1128# / 1171#
HSPs: 2207# / 2164#



4400

50



MISSISSIPPI
4612-1603

LS tan-gray, fine xtl, dense
sme. sandy, w/gy-brn sh

LS con-ly gray, v. fine xtl, chky.
dise

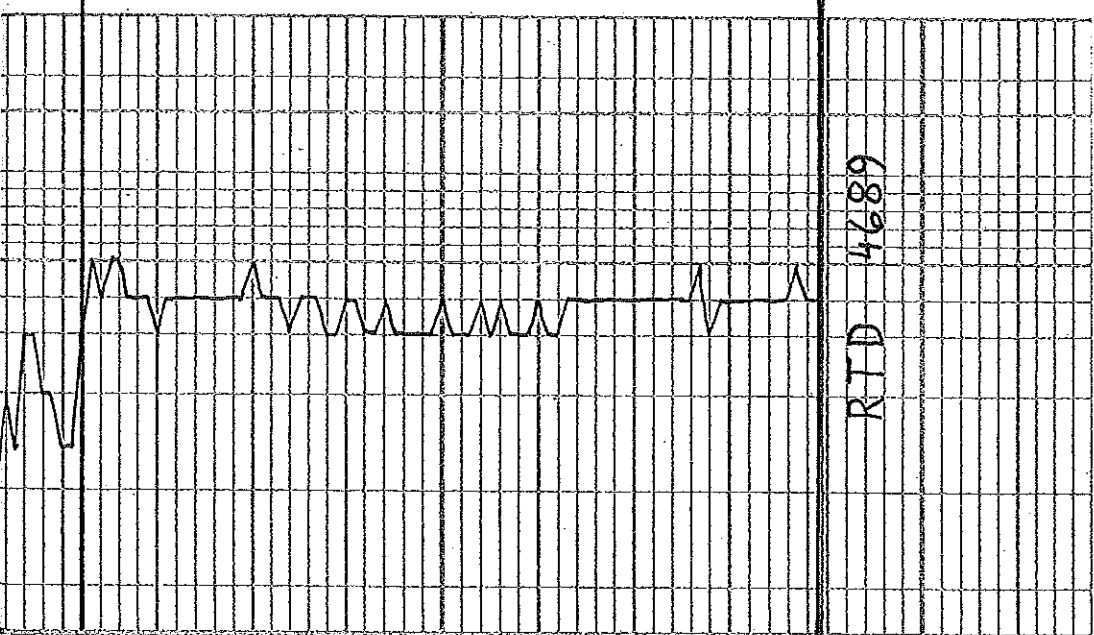
AA

LS con. v. fine xtl, sandy, chky

AA

LS con-ly gray, v. fine xtl, chky.
sil chky

AA



50

RTD 4689

AA

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

December 07, 2011

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

Re: ACO1
API 15-109-20787-00-00
FREY 2-9
NE/4 Sec.09-13S-32W
Logan 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,
Donald R. Williams

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

December 08, 2011

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

Re: ACO-1
API 15-109-20787-00-00
FREY 2-9
NE/4 Sec.09-13S-32W
Logan County, Kansas

Dear Donald R. Williams:

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

The above referenced well was spudded on 05/30/2009 and the ACO-1 was received on December 07, 2011 (not within the 120 days timely requirement).

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

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

Sincerely,

Production Department