



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
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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

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: _____



1056535

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> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Shakespeare Oil Co., Inc.
Well Name	Frey 3-9
Doc ID	1056535

Tops

Name	Top	Datum
Anhydrite	2480	+519
B/Anhydrite	2501	+498
Heebner	3951	-952
Lansing	3996	-997
Muncie Creek	4144	-1145
Stark	4228	-1229
Fort Scott	4480	-1481
Cherokee Sh	4509	-1510
Johnson Zone	4551	-1552
Mississippi	4623	-1624



PO BOX 31 Russell, KS 67665

Voice: (785) 483-3887
Fax: (785) 483-5566

INVOICE

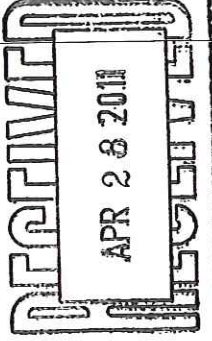
Invoice Number: 126945
Invoice Date: Apr 20, 2011
Page: 1

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

Federal Tax I.D.#: 20-5975804

INT *File*

Customer ID	Well Name # or Customer P.O.		Payment Terms
Shak	Frey #3-9		Net 30 Days
Job Location	Camp Location		Service Date
KS1-01	Oakley		Apr 20, 2011
Quantity	Item	Description	Unit Price
160.00	MAT	Class A Common	16.25
3.00	MAT	Gel	21.25
6.00	MAT	Chloride	58.20
169.00	SER	Handling	2.25
15.00	SER	Mileage 169 sx @.11 per sk per mi	18.59
1.00	SER	Surface	1,125.00
30.00	SER	Pump Truck Mileage	7.00
1.00	SER	Manifold Head Rental	200.00
30.00	SER	Light Vehicle Mileage	4.00
1.00	CEMENTER	Andrew Forslund	
1.00	OPER ASSIST	Jerry Yates	
1.00	OPER ASSIST	Wes Flinn	
			Amount
			2,600.00
			63.75
			349.20
			380.25
			278.85
			1,125.00
			210.00
			200.00
			120.00
Subtotal			5,327.05
Sales Tax			219.95
Total Invoice Amount			5,547.00
Payment/Credit Applied			
TOTAL			5,547.00



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

\$ 1065 41

ONLY IF PAID ON OR BEFORE

May 15, 2011

DW

ALLIED CEMENTING CO., LLC. 043295

Federal Tax I.D.# 20-5975804

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

SERVICE POINT: Oakley

DATE <u>4-20-11</u>	SEC <u>9</u>	TWP. <u>13</u>	RANGE <u>32</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASEE <u>Frey</u>	WELL # <u>3-9</u>	LOCATION <u>Oakley 115 / w 15</u>				COUNTY <u>Logan</u>	STATE <u>Ks</u>
OLD OR NEW (Circle one) <u>NEW</u>							

CONTRACTOR H D Drilling Rig 2 OWNER same

TYPE OF JOB Surface
 HOLE SIZE 12 1/8 T.D. 228'
 CASING SIZE 8 7/8 DEPTH 228'
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX DEPTH
 MEAS. LINE MINIMUM
 SHOE JOINT
 CEMENT LEFT IN CSG. 15'
 PERFS.
 DISPLACEMENT 13.56 BBL

CEMENT
 AMOUNT ORDERED 160 sks com
3% cc 2% g ec

COMMON <u>160 sks</u>	@	<u>16.25</u>	<u>2600.00</u>
POZMIX	@		
GEL <u>3 sks</u>	@	<u>38.25</u>	<u>114.75</u>
CHLORIDE <u>4 sks</u>	@	<u>58.22</u>	<u>232.88</u>
ASC	@		
	@		
	@		
	@		
	@		
	@		
	@		
	@		
HANDLING <u>169 sks</u>	@	<u>2.25</u>	<u>380.25</u>
MILEAGE <u>114 sk/mile</u>	@		<u>278.85</u>
TOTALS			<u>3627.05</u>

PUMP TRUCK CEMENTER Andrew
 # 423-281 HELPER Jerry
 BULK TRUCK DRIVER Wes
 # 404
 BULK TRUCK DRIVER

REMARKS:

Cement did circulate

DEPTH OF JOB	<u>228'</u>
PUMP TRUCK CHARGE	<u>1125.00</u>
EXTRA FOOTAGE	@
MILEAGE <u>15 miles x 2</u>	@ <u>2.00</u> <u>30.00</u>
MANIFOLD head	@ <u>200.00</u>
Light Vehicle	@ <u>4.00</u> <u>180.00</u>
	@

CHARGE TO: shakespeare

TOTAL 1655.00

STREET _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	

To Allied Cementing Co., 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.

TOTAL

SALES TAX (if Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS

PRINTED NAME Carlos Mortinck

SIGNATURE [Signature]



PO BOX 31 Russell, KS 67665

Voice: (785) 483-3887
 Fax: (785) 483-5566

INVOICE

Invoice Number: 127098
 Invoice Date: May 2, 2011
 Page: 1

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

Federal Tax I.D.#: 20-5975804

INT
 File

Customer ID	Well Name # or Customer P.O.	Payment Terms
Shak	Frey #3-9	Net 30 Days
Job Location	Camp Location	Service Date
KS1-03	Oakley	May 2, 2011
		Due Date
		6/11/11

Quantity	Item	Description	Unit Price	Amount
123.00	MAT	Class A Common	16.25	1,998.75
82.00	MAT	Pozmix	8.50	697.00
7.00	MAT	Gel	21.25	148.75
212.00	SER	Handling	2.25	477.00
15.00	SER	Mileage 212 sx @ .11 per sk per mi	23.32	349.80
1.00	SER	Plug to Abandon	1,250.00	1,250.00
30.00	SER	Pump Truck Mileage	7.00	210.00
30.00	SER	Light Vehicle Mileage	4.00	120.00
1.00	EQP	4.5 Top Wooden Plug	82.00	82.00
1.00	CEMENTER	Larene Wentz		
1.00	EQUIP OPER	Darrin Racette		
1.00	OPER ASSIST	Wes Flinn		

PAID
 MAY 16 2011
 ALLIED CEMENTING CO.

Subtotal	5,333.30
Sales Tax	389.33
Total Invoice Amount	5,722.63
Payment/Credit Applied	
TOTAL	5,722.63

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

\$ 1066 6¢

ONLY IF PAID ON OR BEFORE
 May 27, 2011

DW

ALLED CEMENTING CO., LLC. 043350

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

Dakley ks

DATE	5-2-11	SEC.	9	TWP.	13	RANGE	32	CALLED OUT	ON LOCATION	JOB START	6:00 p	JOB FINISH	6:30 pm
LEASE	Frey	WELL #	3-9	LOCATION <u>Dakley 115, 14, 19, and 20th Logan</u>									
OLD OR NEW (Circle one)													

CONTRACTOR HD Drilling Rig #2

TYPE OF JOB PTA

HOLE SIZE 7 7/8 T.D. 4706

CASING SIZE 4 1/2 DEPTH 2500'

TUBING SIZE 4 1/2 DEPTH 2500'

DRILL PIPE 4 1/2 DEPTH 2500'

TOOL DEPTH

PRES. MAX. MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT 32.0

EQUIPMENT

PUMP TRUCK CEMENTER Lalene

431 HELPER Darren

BULK TRUCK DRIVER Wes

404

BULK TRUCK DRIVER

#

REMARKS:

Mix 25 sks cement at 2900'
Mix 100 sks cement at 1450'
Mix 40 sks cement at 275'
push wooden plug down to 40'
Mix 10 sks cement at 40'
plug rethole with 30 sks cement
Thank you!

CHARGE TO: Shakespeare

STREET _____

CITY _____ STATE _____ ZIP _____

OWNER Same

CEMENT

AMOUNT ORDERED 205 sks 60% 40 4/9 gel

COMMON 1235 @ 16.25 1998.75
 POZMIX 825 @ 8.50 6977.00
 GEL 75 sks @ 22.25 1481.75

CHLORIDE @

ASC @

@

@

@

@

@

@

HANDLING 212 sks @ 2.25 472.00

MILEAGE 11.6 sk/mile 349.80

TOTAL 5676.30

SERVICE

DEPTH OF JOB 2500'

PUMP TRUCK CHARGE 1250.00

EXTRA FOOTAGE @ 210.00

MILEAGE 10 X 2 @ 7.00

MANIFOLD 120.00

Light Vehicle air leg @ 4.00

@

TOTAL 1580.00

PLUG & FLOAT EQUIPMENT

10 top wooden plug @ 82.00

@

@

@

@

TOTAL 82.00

To Allied Cementing Co., 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.

SALES TAX (if Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS

PRINTED NAME Carlos Martel

SIGNATURE [Signature]



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Shakespeare Oil Comp, Inc

Frey 3-9

202 W. Main Street
Salem IL 62881

9/13s/32w Logan KS

ATTN: Steve Davis

Job Ticket: 041207

DST#: 1

Test Start: 2011.04.26 @ 12:32:15

GENERAL INFORMATION:

Formation: **Lansing D**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:25:15

Time Test Ended: 18:57:00

Test Type: Conventional Bottom Hole

Tester: Mike Roberts

Unit No: 48

Interval: 4063.00 ft (KB) To 4080.00 ft (KB) (TVD)

Reference Elevations: 2999.00 ft (KB)

Total Depth: 4080.00 ft (KB) (TVD)

2989.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 6669 Outside

Press @ Run Depth: 88.24 psig @ 4075.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.04.26

End Date: 2011.04.26

Last Calib.: 2011.04.26

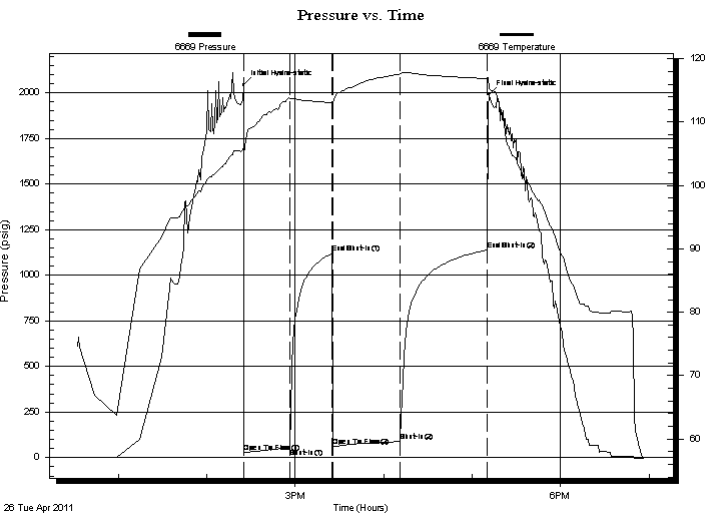
Start Time: 12:32:15

End Time: 18:57:00

Time On Btm: 2011.04.26 @ 14:25:00

Time Off Btm: 2011.04.26 @ 17:11:15

TEST COMMENT: IF: Built to 2" blow
IS: No return blow
FF: Built to 3" blow
FS: No return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2044.08	106.12	Initial Hydro-static
1	29.72	104.99	Open To Flow (1)
31	53.42	113.70	Shut-In(1)
60	1120.99	113.08	End Shut-In(1)
61	61.09	112.96	Open To Flow (2)
106	88.24	117.60	Shut-In(2)
166	1139.18	116.89	End Shut-In(2)
167	1992.86	115.48	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1.00	free oil	0.00
115.00	m 100%m	0.57

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespeare Oil Comp, Inc

Frey 3-9

202 W. Main Street
Salem IL 62881

9/13s/32w Logan KS

Job Ticket: 041207

DST#: 1

ATTN: Steve Davis

Test Start: 2011.04.26 @ 12:32:15

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: 54.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.97 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
1.00	free oil	0.005
115.00	m 100%m	0.575

Total Length: 116.00 ft

Total Volume: 0.580 bbf

Num Fluid Samples: 0

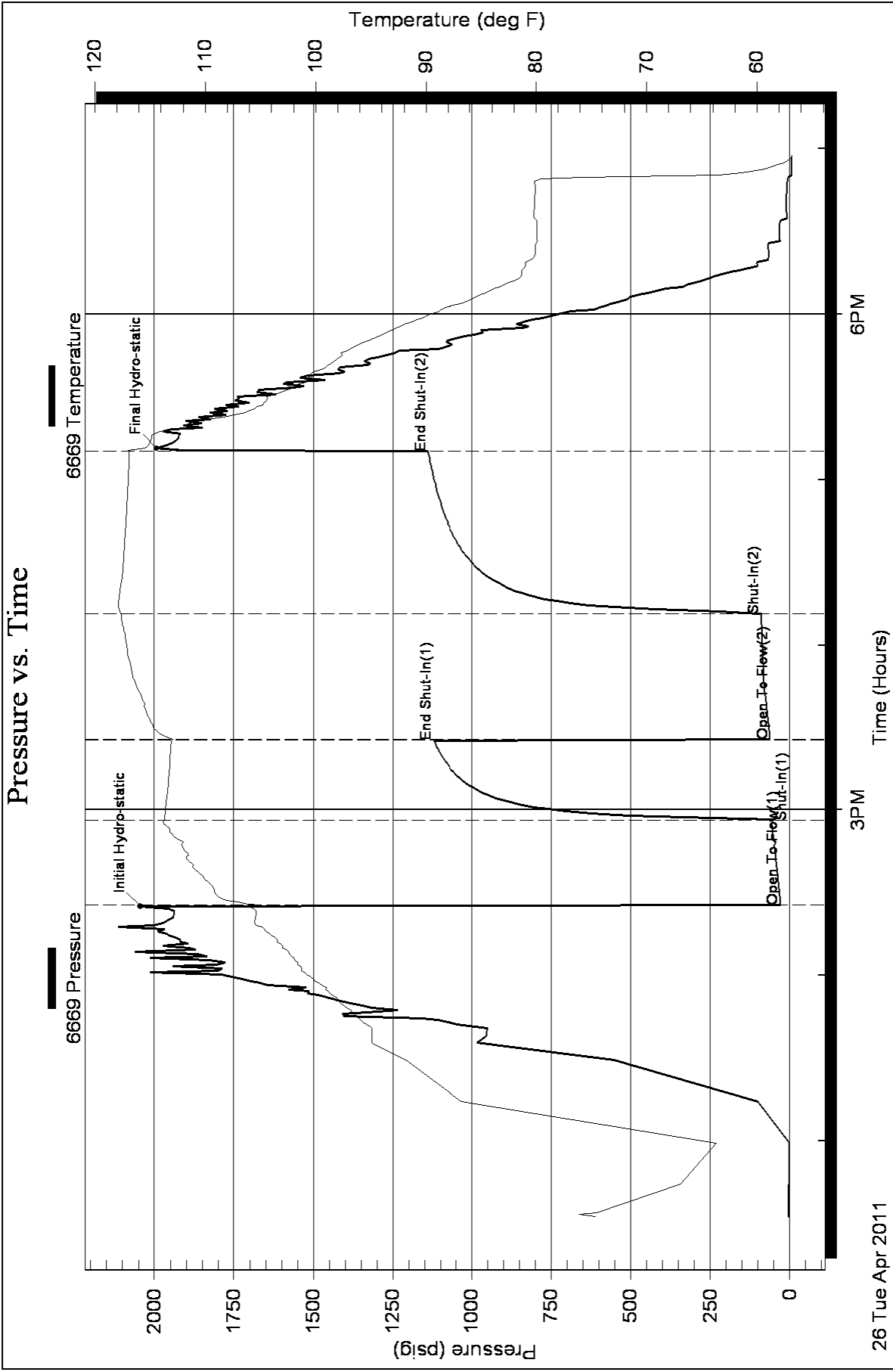
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Shakespeare Oil Comp, Inc

Frey 3-9

202 W. Main Street
Salem IL 62881

9/13s/32w Logan KS

ATTN: Steve Davis

Job Ticket: 041208

DST#: 2

Test Start: 2011.04.27 @ 14:26:15

GENERAL INFORMATION:

Formation: **Lansing I**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:14:30

Time Test Ended: 19:45:30

Test Type: Conventional Bottom Hole

Tester: Mike Roberts

Unit No: 48

Interval: 4168.00 ft (KB) To 4198.00 ft (KB) (TVD)

Reference Elevations: 2999.00 ft (KB)

Total Depth: 4198.00 ft (KB) (TVD)

2989.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 6669 Outside

Press @ RunDepth: 31.93 psig @ 4193.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.04.27 End Date: 2011.04.27

Last Calib.: 2011.04.27

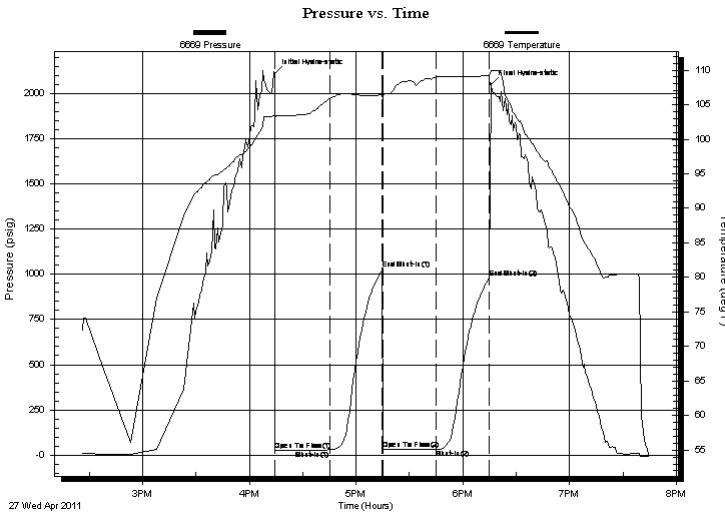
Start Time: 14:26:15 End Time: 19:45:30

Time On Btm: 2011.04.27 @ 16:14:15

Time Off Btm: 2011.04.27 @ 18:15:45

TEST COMMENT: IF: Built to weak surface blow
IS: No return blow
FF: Weak surface blow died in 12 min
FS: No return blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2109.53	103.49	Initial Hydro-static
1	28.98	102.89	Open To Flow (1)
31	28.51	105.95	Shut-In(1)
61	1026.83	106.41	End Shut-In(1)
61	30.58	106.42	Open To Flow (2)
91	31.93	109.05	Shut-In(2)
121	981.12	109.21	End Shut-In(2)
122	2050.63	109.96	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	m 100 %	0.02

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespeare Oil Comp, Inc

Frey 3-9

202 W. Main Street
Salem IL 62881

9/13s/32w Logan KS

Job Ticket: 041208

DST#: 2

ATTN: Steve Davis

Test Start: 2011.04.27 @ 14:26:15

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: 49.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.77 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
5.00	m 100 %	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

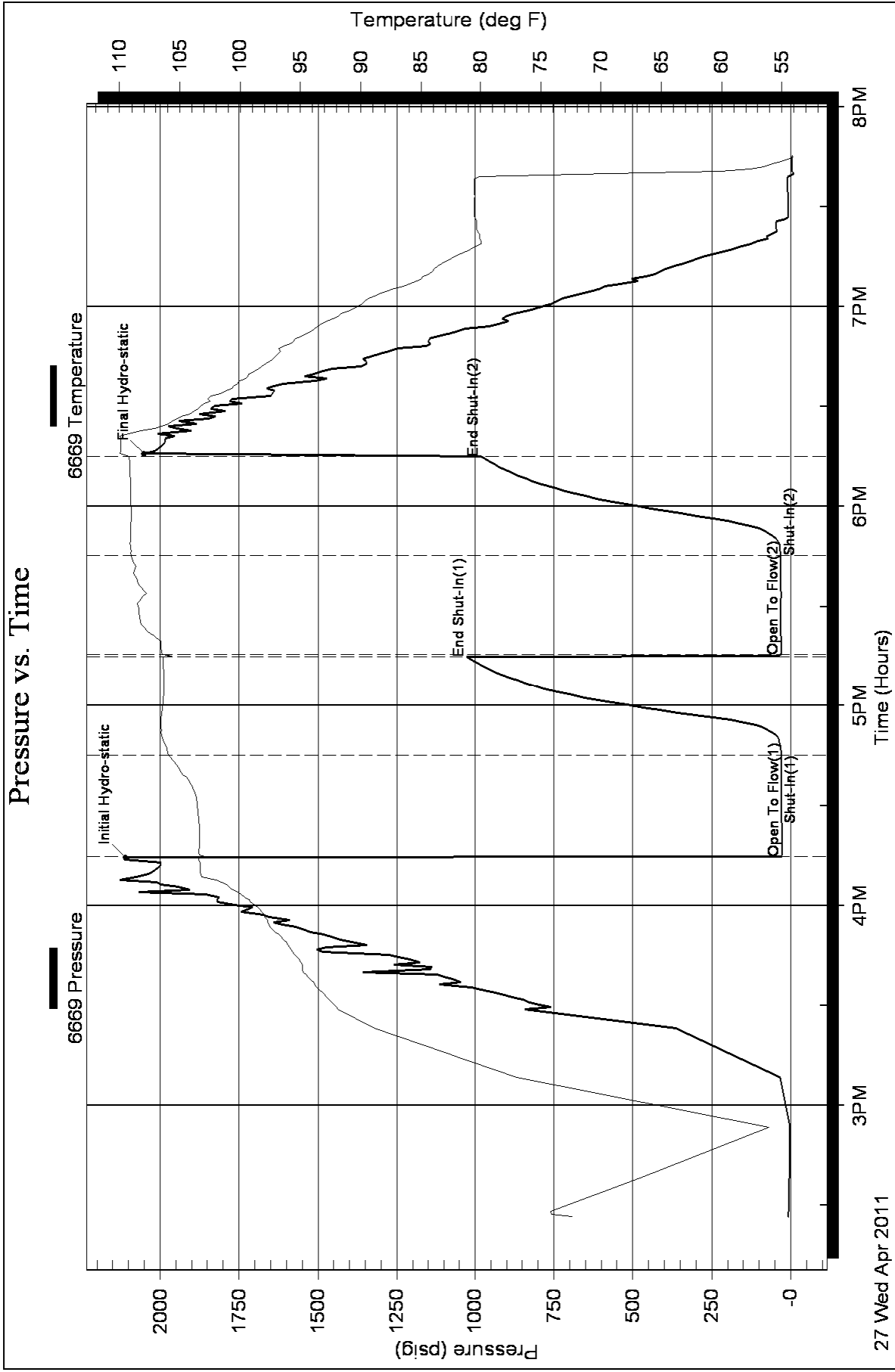
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Shakespeare Oil Comp, Inc

Frey 3-9

202 W. Main Street
Salem IL 62881

9/13s/32w Logan KS

ATTN: Steve Davis

Job Ticket: 041209

DST#: 3

Test Start: 2011.04.28 @ 03:39:15

GENERAL INFORMATION:

Formation: **Lansing J**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:44:15

Time Test Ended: 09:24:15

Test Type: Conventional Bottom Hole

Tester: Mike Roberts

Unit No: 48

Interval: 4199.00 ft (KB) To 4222.00 ft (KB) (TVD)

Reference Elevations: 2999.00 ft (KB)

Total Depth: 4222.00 ft (KB) (TVD)

2989.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 6669 Outside

Press @ Run Depth: 29.09 psig @ 4217.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.04.28

End Date: 2011.04.28

Last Calib.: 2011.04.28

Start Time: 03:39:15

End Time: 09:24:15

Time On Btm: 2011.04.28 @ 05:44:00

Time Off Btm: 2011.04.28 @ 07:43:45

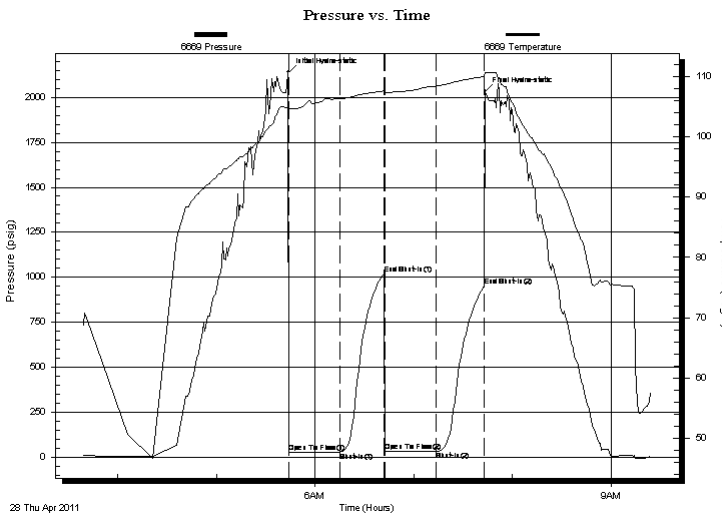
TEST COMMENT: IF: Built to weak surface blow

IS: No return blow

FF: No blow

FS: No return blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2138.99	104.93	Initial Hydro-static
1	27.49	104.28	Open To Flow (1)
31	28.02	106.36	Shut-In(1)
58	1019.34	107.57	End Shut-In(1)
59	28.89	107.36	Open To Flow (2)
90	29.09	108.36	Shut-In(2)
119	950.25	109.93	End Shut-In(2)
120	2035.09	110.57	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	m 100% m	0.05

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespeare Oil Comp, Inc

Frey 3-9

202 W. Main Street
Salem IL 62881

9/13s/32w Logan KS

Job Ticket: 041209

DST#: 3

ATTN: Steve Davis

Test Start: 2011.04.28 @ 03:39:15

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: 49.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.77 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	m 100% m	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl

Num Fluid Samples: 0

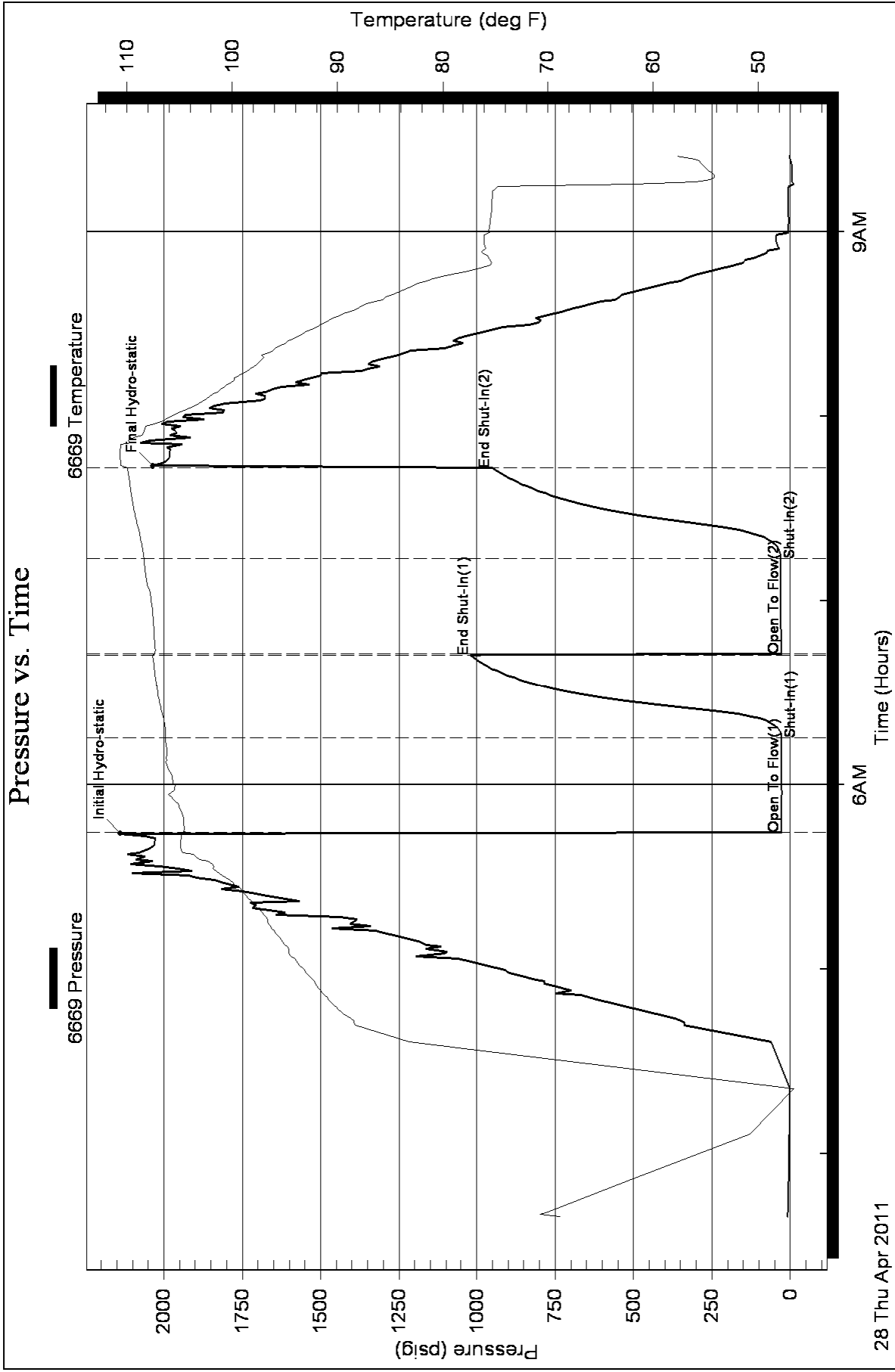
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Shakespeare Oil Comp, Inc

Frey 3-9

202 W. Main Street
Salem IL 62881

9/13s/32w Logan KS

ATTN: Steve Davis

Job Ticket: 041210

DST#: 4

Test Start: 2011.04.30 @ 06:10:15

GENERAL INFORMATION:

Formation: **Ft Scott, Myric Stat**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:15:45

Time Test Ended: 12:03:00

Test Type: Conventional Bottom Hole

Tester: Mike Roberts

Unit No: 48

Interval: 4420.00 ft (KB) To 4510.00 ft (KB) (TVD)

Reference Elevations: 2999.00 ft (KB)

Total Depth: 4510.00 ft (KB) (TVD)

2989.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 6669 Outside

Press @ Run Depth: 79.89 psig @ 4505.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.04.30 End Date: 2011.04.30

Last Calib.: 2011.04.30

Start Time: 06:10:15 End Time: 12:03:00

Time On Btm: 2011.04.30 @ 08:15:30

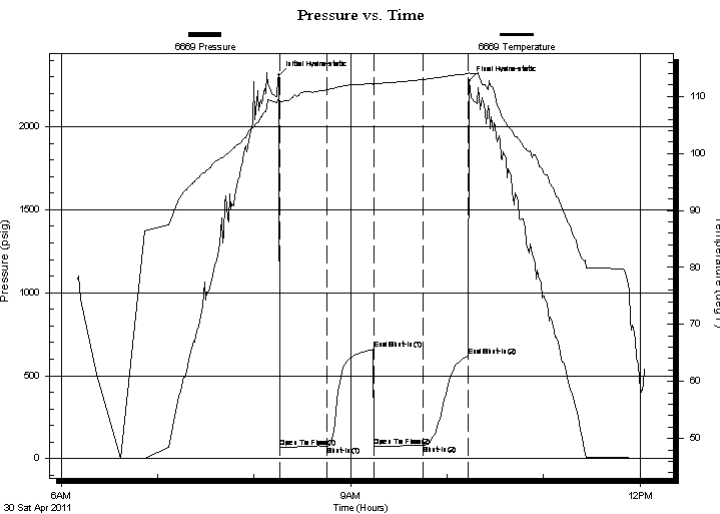
Time Off Btm: 2011.04.30 @ 10:13:45

TEST COMMENT: IF:Weak surface blow died in 3 min

IS:No return blow

FF:No blow

FS:No return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2310.39	109.72	Initial Hydro-static
1	67.18	109.16	Open To Flow (1)
30	75.72	111.16	Shut-In(1)
59	657.82	112.29	End Shut-In(1)
59	77.18	111.97	Open To Flow (2)
90	79.89	112.97	Shut-In(2)
118	618.81	114.00	End Shut-In(2)
119	2277.54	114.21	Final Hydro-static

Recovery

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

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespeare Oil Comp, Inc

Frey 3-9

202 W. Main Street
Salem IL 62881

9/13s/32w Logan KS

Job Ticket: 041210

DST#: 4

ATTN: Steve Davis

Test Start: 2011.04.30 @ 06:10:15

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: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.77 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
5.00	m	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

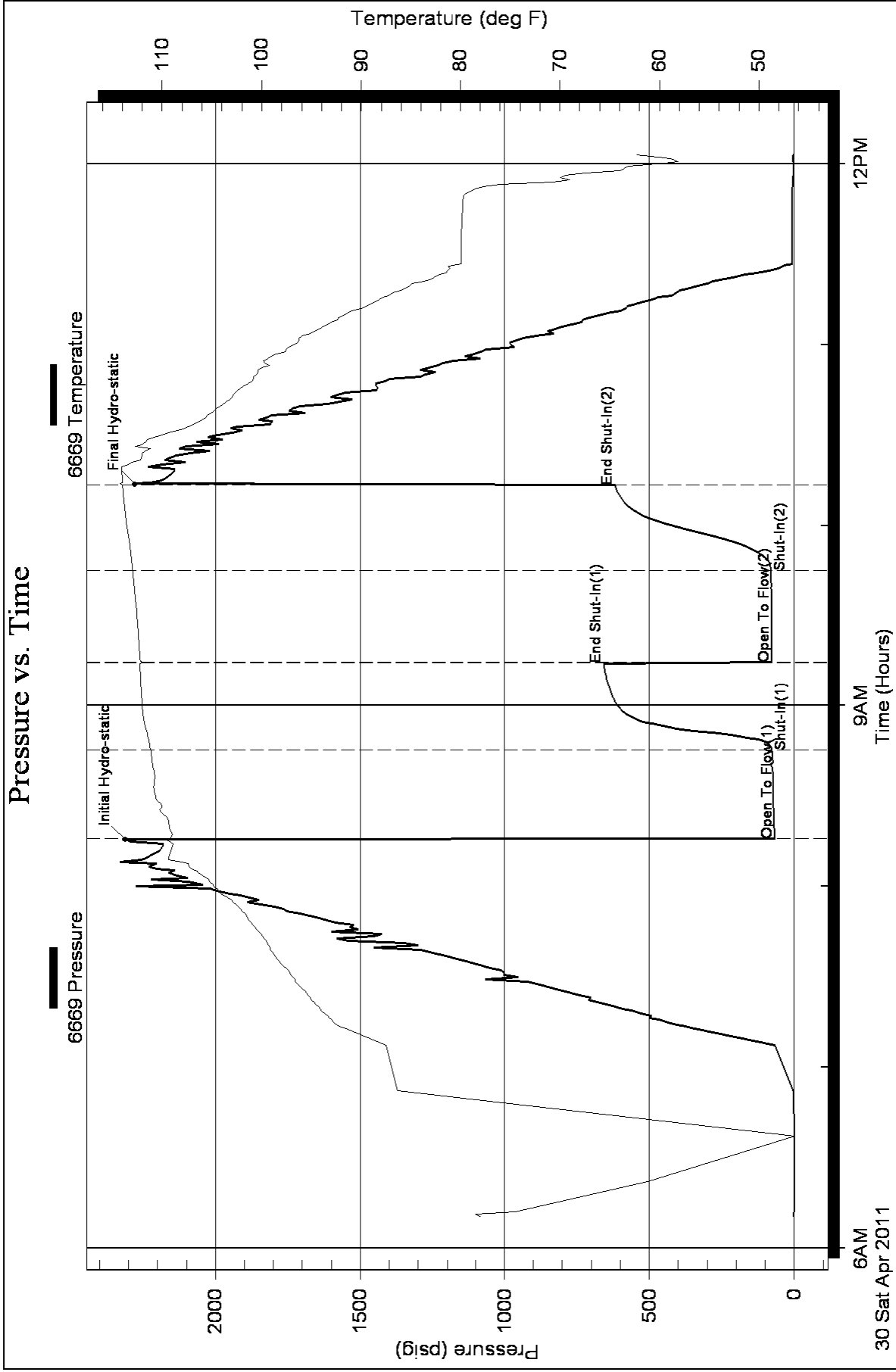
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



RICHARD S. (Steve) DAVIS JR.

Petroleum Geologist

212 N. Market

Wichita, Kansas 67202

Phone (316) 267-9115

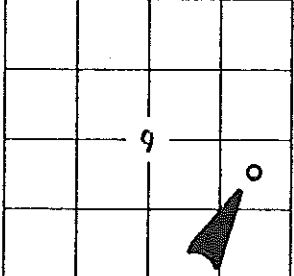
GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY <u>SHAKESPEARE OIL COMPANY, INC.</u> LEASE <u>GREY #3-9</u> FIELD <u>STRATFORD WEST</u> LOCATION <u>2520' ESL & 1000' ECL</u> SEC <u>9</u> TWSP <u>T3S</u> RGE <u>32W</u> COUNTY <u>LOGAN</u> STATE <u>KANSAS</u>	ELEVATIONS KB <u>2999</u> DF _____ GL <u>2989</u> Measurements Are All From <u>KB 2999</u>
CONTRACTOR <u>HO DRILLING LLC RIG #2</u> SPUD <u>4-19-2011</u> COMP <u>5-2-2011</u> RTD <u>4710</u> LTD <u>4706</u> MUD UP <u>3473</u> TYPE MUD <u>CHEMICAL</u>	CASING SURFACE <u>5/8" @ 224'</u> PRODUCTION <u>none</u> ELECTRICAL SURVEYS WEATHERFORD: O.I.L., C.O.L./CN.L., M.L. & Sonics

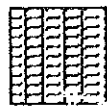
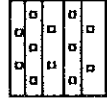


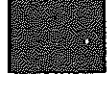
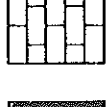
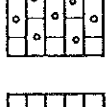
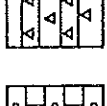
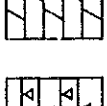
SAMPLES SAVED FROM 3800 TO RTD
 DRILLING TIME KEPT FROM 3750 TO RTD
 SAMPLES EXAMINED FROM 3800 TO RTD
 GEOLOGICAL SUPERVISION FROM 3850 TO RTD
 GEOLOGIST ON WELL STEVE DAVIS

FORMATION TOPS	LOG	SAMPLES	
<u>ANHYDRITE</u>	<u>2480 - 519</u>	<u>2483</u>	
<u>ANHYDRITE</u>	<u>2501 - 498</u>	<u>2508</u>	
<u>NECBNER</u>	<u>3951 - 952</u>	<u>3953</u>	
<u>CANSING</u>	<u>3996 - 997</u>	<u>3998</u>	
<u>MUNCIE CREEK</u>	<u>4144 - 1145</u>	<u>4146</u>	
<u>STARK</u>	<u>4228 - 1229</u>	<u>4234</u>	
<u>FORT SCOTT</u>	<u>4480 - 1481</u>	<u>4488</u>	
<u>CHEROKEE SIL</u>	<u>4509 - 1510</u>	<u>4514</u>	
<u>JOHNSON ZONE</u>	<u>4551 - 1552</u>	<u>4557</u>	
<u>MISSISSIPPI</u>	<u>4623 - 1624</u>	<u>4626</u>	



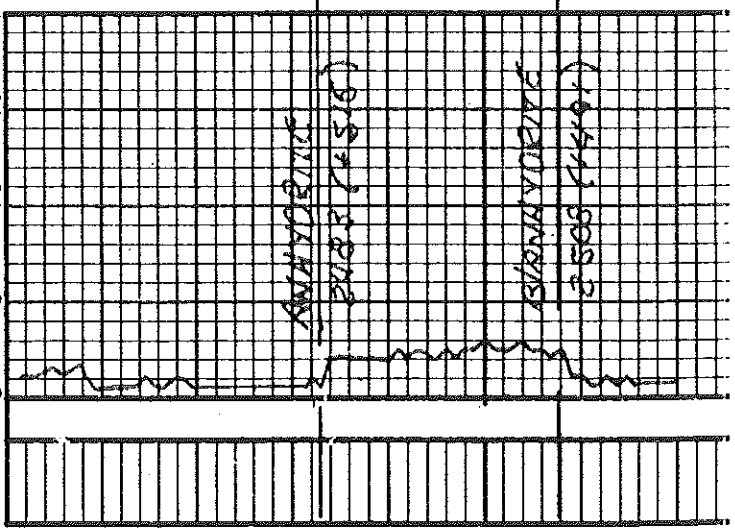
NPI: 15-109-20993

LEGEND

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

SCALE " = 100'

	DRILLING TIME In Minutes	DEPTH	SAMPLE DESCRIPTION	REMARKS
	0 5 10 15			
	0 5 10 15			
	0 5 10 15	2500		
	0 5 10 15			
	0 5 10 15			
	0 5 10 15			
	0 5 10 15			
	0 5 10 15			
	0 5 10 15			
	0 5 10 15			

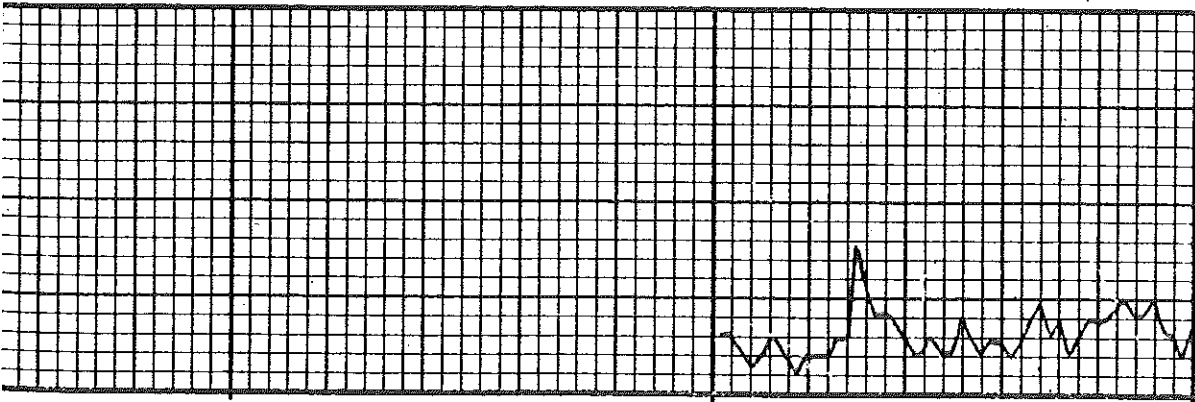


				Vis 61 Wt. 88 F. 1. 88 Chl. 2.200 PH 10 CCN 1E (9.25-11)							

3700

50

3200



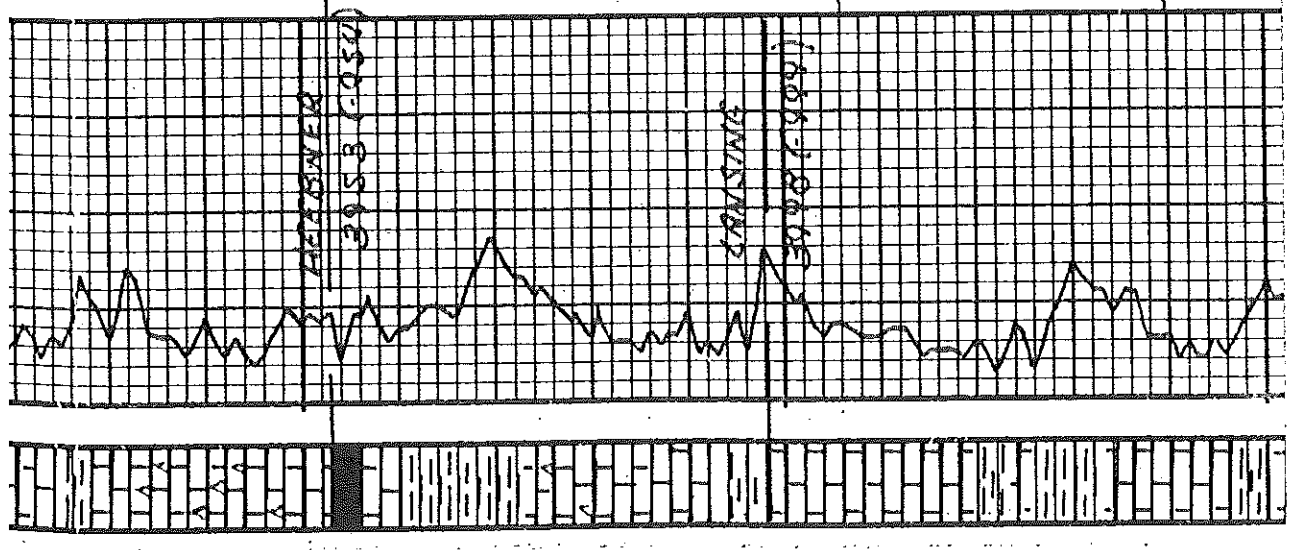
med. gray ss. s.s.
LS brown - gray. white ool. base 1.0 med. dense
LS med. white. finely ool. base. chky. dense med. chky. white ool.
Shale black carb.
Shale gray. black, s. green + LS. fine. gray. white. dense med.
LS med. white. tub. ool. P. ool. N.S. + chky. white. ool.
LS NG + shale. gray. black
LS brown - gray. white. dense. med. + LS med. fine. tub. base. ool. P. ool. + chky. N.S.
LS fine. white. tub. silt. base. ool. chky. P. ool. N.S.
LS. 40 white. shale. black. gray. s. base.
LS. med. white. tub. base. ool. P. chky. P. ool. N.S.
LS. med. white. tub. base. ool. chky. P. ool. N.S.
Shale. black. carb.

50

4000
- of's

415

50



Survey @ 4080 1/4°
 Vis. 54 Wt. 9.2 Fil. 8.0
 Chl. 2500 PH10 CCM 1#
 (4-28-11)

DST #1 4063-4080
 30-30-45-60
 BCOW:
 I.F. 2"
 FF Weak built 3"
 Cw6 return I.S.I. or F.S.I.)

RECOVERY:
 I.F.O. (100%)
 I.S.M. (100%M)
 I.H.P. 2044#
 I.F.R. 29.53#
 I.S.I.P. 1120#
 F.F.P. 61-88#
 F.S.I.P. 1139#
 F.A.P. 1992# B.H.T. 116°F

Vis. 49 Wt. 9.2 Fil. 8.8
 Chl. 3,000 PH 9.5 CCM 1#
 (4-27-11)

DST #2 4168-4198
 30-30-30-30

LS tan. con. fine. to silty loss dense and shale black & gray

LS con. white to light loss. odd IP
 dark purple & purple SS. SP
 split it into solid dull flint
 for anal. & C.F. tan. ag.

Abnt shale gray, black & cast

LS green tan. lenticular chky IP

LS con. gray. lenticular loss dense

LS white. con. lenticular loss. odd

LS gray tan. lenticular dense

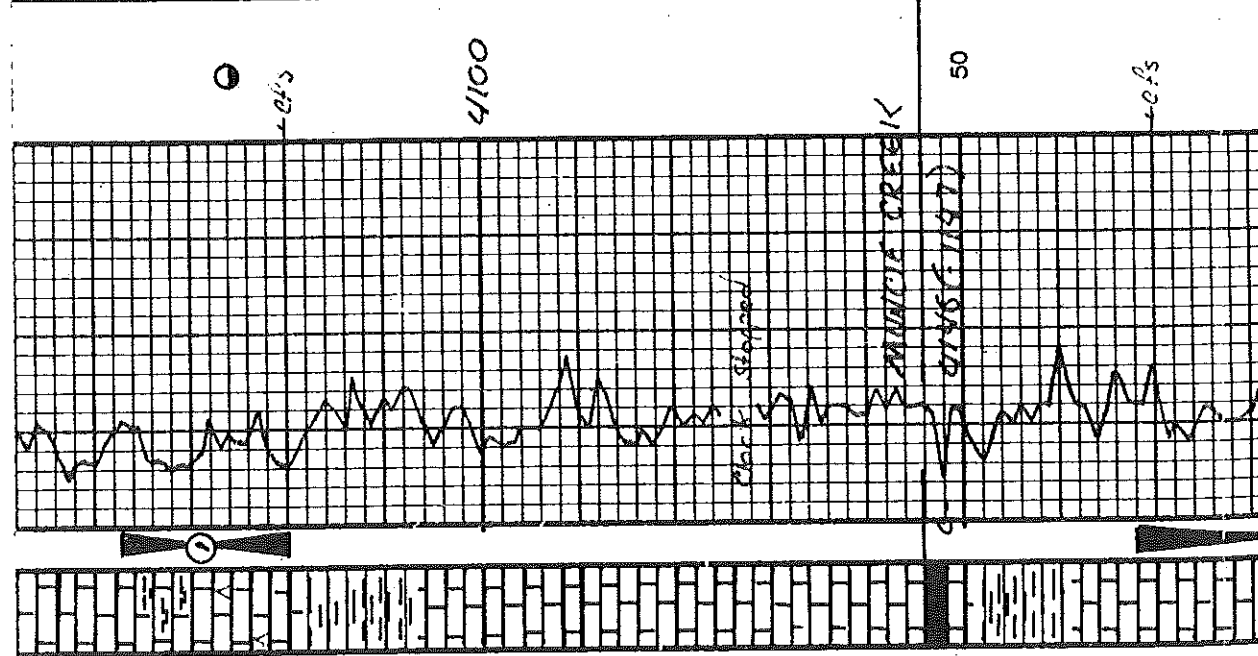
LS AB + Chl. gray. brown

Shale black each

LS gray-brown lenticular and dense & shale gray-black

LS con. white to silty loss
 chky IP. purple calc. solid stn
 N.S.E.O.

LS brown. gray. silty loss



LS tan. con. fine. to silty loss dense and shale black & gray

LS con. white to light loss. odd IP
 dark purple & purple SS. SP
 split it into solid dull flint
 for anal. & C.F. tan. ag.

Abnt shale gray, black & cast

LS green tan. lenticular chky IP

LS con. gray. lenticular loss dense

LS white. con. lenticular loss. odd

LS gray tan. lenticular dense

LS AB + Chl. gray. brown

Shale black each

LS gray-brown lenticular and dense & shale gray-black

LS con. white to silty loss
 chky IP. purple calc. solid stn
 N.S.E.O.

LS brown. gray. silty loss

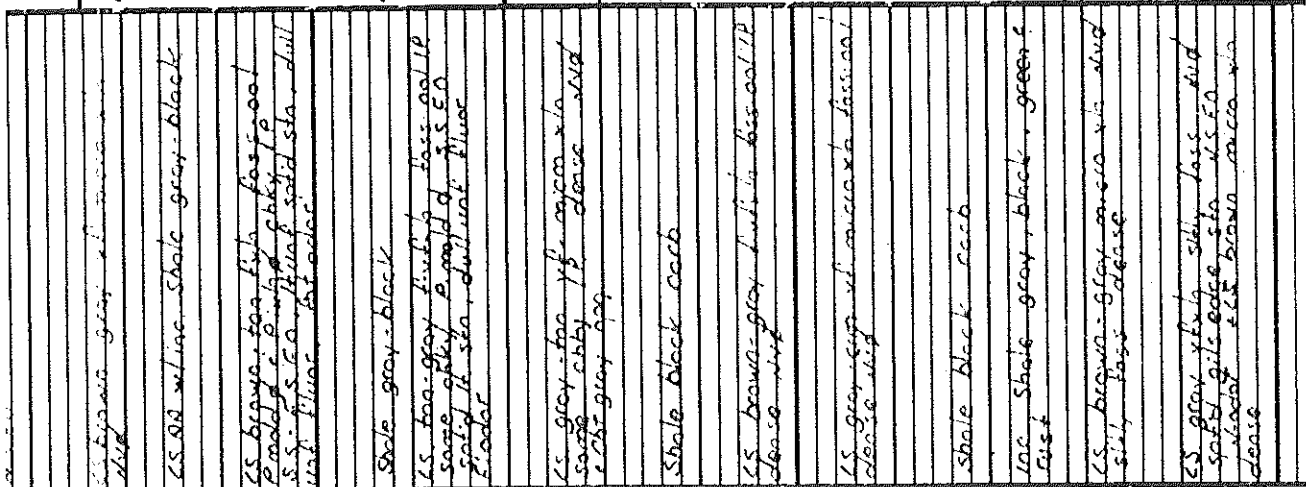
Chl. 3,000 PH 9.5 CCM 1#
(4-27-11)

Ost #2 4168-4198
30-30-30-30
BCOW:
I.F. Weak surface blow
FF Weak died 12 min.
RECOVERY: 5'M
I.H.P. 2109#
I.F.P. 28-28#
I.S.I.P. 1026#
F.F.P. 30-31#
F.S.I.P. 981#
F.H.P. 2050# B.H.T. 109°F

Vis. 53 Wt. 9.4 Fl. 9.5
Chl. 3,400 PH 9.5 CCM 1#
(4-28-11)

Ost #3 4199-4222
30-30-30-30
BCOW:
I.F. Weak surface blow
FF No blow
RECOVERY: 10'M
I.H.P. 2138#
I.F.P. 27-28#
I.S.I.P. 1019#
F.F.P. 28-29#
F.S.I.P. 950#
F.H.P. 2035# B.H.T. 109°F

LS. tan gray sh. & micaceous
LS. sh. w/ inc. shale gray-black
LS. brown, tan, sh. f. & f. pool
pooled & p. sh. & sh. f. p.
I.S.I.P. S.E. thin solid sta. dull
unit. fine. f. & nodar.
Shale gray-black
LS. tan-gray thin. f. base nod. p.
some sh. p. pool d. base. S.E.
f. nod. sh. sta. dull unit. fine.
f. nodar.
LS. gray-tan yf. micaceous
some sh. p. f. dense sh. nod.
sh. gray sh. p.
Shale black carb.
LS. brown-gray thin. f. base nod. p.
dense sh. nod.
LS. gray-sh. & micaceous
dense sh. nod.
Shale black carb.
inc. shale gray-black-green f.
rust
LS. brown-gray micaceous
sh. f. dense
LS. gray sh. sh. f. base. nod.
some sh. p. pool d. S.E.
f. nodar. sh. brown micaceous
dense



40fs

4200

4300

50

40fs

4300

STACK 4254(1235)

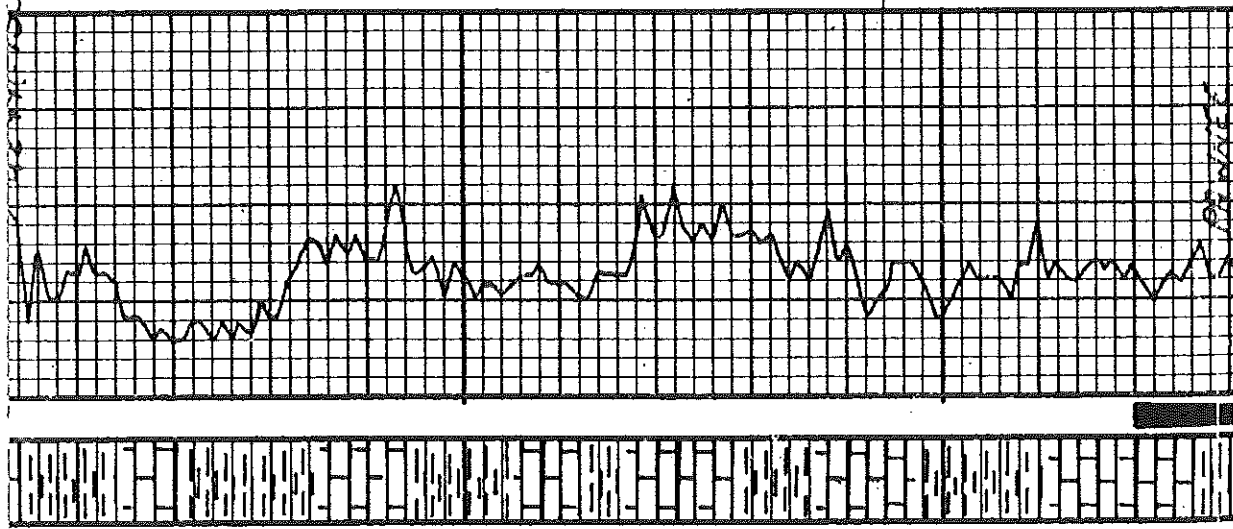
O.K.C. 4300

Shale rust - gray - green
Shale gray - green - silty - faint
Shale RR + LS gray-top white silty base dense nod
Shale gray, black - green - rust
LS gray-top white mica via purple Y.S.S. Chert nod sand edge ch. nod nod
LS gray-top white mica via dense
Shale black - gray
LS gray-top white dense nod silty fine sand N.S.E. nod
Abnt. Shale black - gray - green
LS tan - gray - white mica silty base nod fine sand edge red sand N.S.E. nod
LS gray - brown white silty base dense nod
Shale black sub carb - gray

V.S. 48 wt 9.3 F-1 96
 Chl. 4,000 PH 9.5 CCM 1#
 (4-29-11)

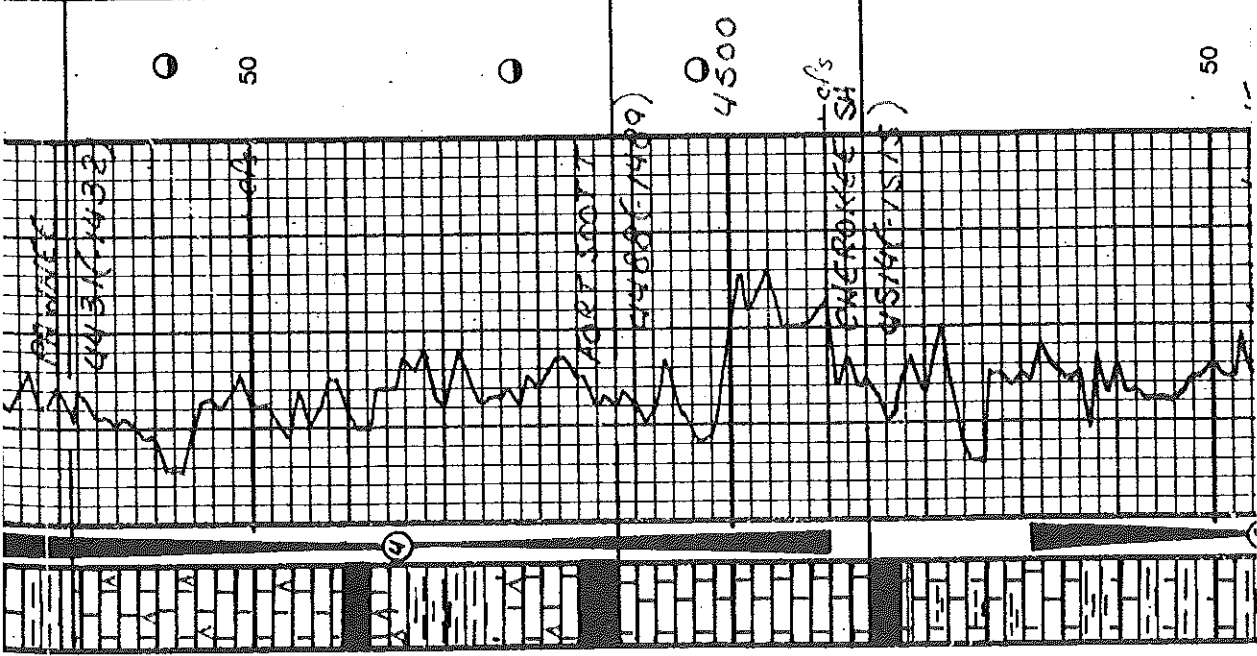
50

41400
 -ofs



PH WATER

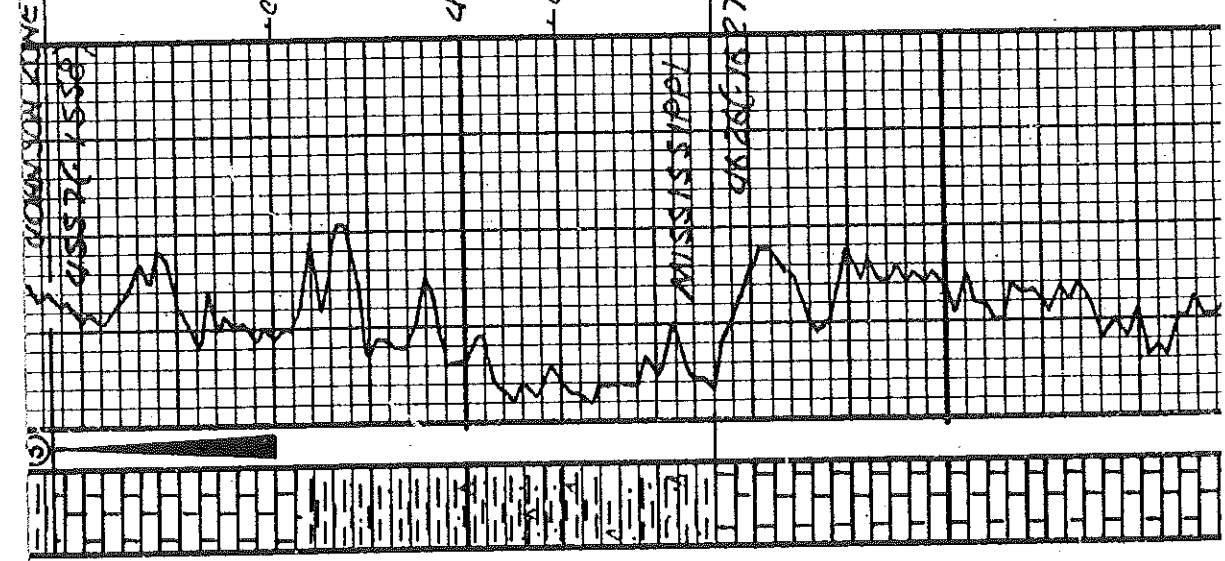
shale black sub carb - gray	
LS tan - gray fine silty clay ool 1.3 P. 1.5 - 2.0, s. 1.5, s. 1.5, s. 1.5 solid dull bluish gray + carb wh. to gray ool	
LS gray-brown v. bln dense silty mass dip	
Shale black carb. + chl black brown	
Abnt shale black gray, rust & green	
LS tan - gray silty base ool P. 1.5 - 2.0, s. 1.5, s. 1.5, s. 1.5 solid dull bluish gray + carb wh. to gray ool	
shale black carb	
LS brown - tan silty ool abky P. 1.5 - 2.0, s. 1.5, s. 1.5, s. 1.5 solid dull bluish gray + carb wh. to gray ool	
LS brown - tan bluish ool IP dense dip	
shale black carb + py	
LS gray - tan silty ool abky pool P. 1.5 - 2.0, s. 1.5, s. 1.5, s. 1.5 solid dull bluish gray + carb wh. to gray ool	
LS tan - gray v. bln dense silty mass dip	



Vis. SS wt. 9.3 Fil. 8.8
Chl. 3,500 PHIO.S CCM 3#
(4-30-11)

DST #4 4420-4510
30.30 - 30.30
BCOW:
I.F. Surface blow died 3 min.
F.F.No blow
RECOVERY: S.M
I.H.P. 2310#
I.F.P. 67-75#
I.S.I.P. 657#
F.F.P. 77-79#
F.S.I.P. 618#
F.H.P. 2277# B.H.T. 114°F

DST #5 4531-4580
30.30 - 30.30



LS gray-fgn f. to silty loss
 sp. of: peg. S.F.C. Chum
 sp. of: sp. dull blue, f. odor

LS gray-fgn f. to silty, ad. loss

LS sh. white shale green, black
 gray crust

Shale sh. white-fine ss. top gray
 f. to sub. cal. well sort. f. to ss.
 f. to brown mica. w. dense

Shale black, gray, f. to yellow
 cal. f. to orange, f. to gray
 w. f. to red, mod. sort. f. to f. to
 w. s.

Shale var. cal. sh. f. to f. to
 orange, f. to f. to fine ss.
 white, f. to mod. sort. cal. f. to
 f. to

LS cong. white f. to silty c. bky
 IP mod

LS con. white f. to silty c. bky
 mod

LS con. white f. to silty cal. c. bky
 IP mod

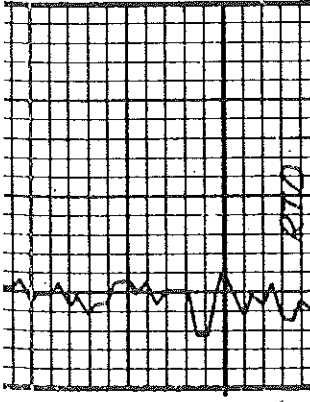
LS con. white f. to silty cal. IP
 LS gray-toned dense mod

BLOW:
 I.F. surface blow
 F.F. No blow
 RECOVERY: S.M
 I.N.P. 238S#
 I.F.P. 62.54#
 I.S.P. 57#
 F.F.P. 54.51#
 F.S.I.P. 51#
 F.H.P. 222S# B.H.T. 116°F

Vis. 57 Wt. 9.4 Fil. 9.6
 CN. 4,600 PH 9.5 CCM 3#
 (5-1-11)

	CS. top gray with aol. P. and base	4700	
	CS. brown. top. white. aol. sat. P. and base		
	CS. white. f. with silt. aol. sat. same clay and	-cfs	
		50	

DEMANDS



RTD
 4700(-100)
 5-2-2007
 2:30 PM

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/>

Thomas E. Wright, Chairman
Ward Loyd, Commissioner

Corporation Commission

Sam Brownback, Governor

May 26, 2011

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

Re: ACO1
API 15-109-20993-00-00
Frey 3-9
SE/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