



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1130936
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
-----------------------------------	-----------------	---

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: _____



1130936

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
--	---

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

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

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: <input type="checkbox"/> Yes <input type="checkbox"/> No
----------------	-------	---------	------------	---

Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
---	--

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
--	---	---

Form	ACO1 - Well Completion
Operator	Shakespeare Oil Co., Inc.
Well Name	Parsons 3-27
Doc ID	1130936

All Electric Logs Run

Dual Induction
Compensated Density
Comp Neutron
Microlog
Sonci

Form	ACO1 - Well Completion
Operator	Shakespeare Oil Co., Inc.
Well Name	Parsons 3-27
Doc ID	1130936

Tops

Name	Top	Datum
Base Anhydrite	2386	+502
Heebner	3898	-1010
Lansing	3941	-1053
Muncie Creek	4092	-1204
Stark Shale	4180	-1292
Hushpuckney	4222	-1334
Cherokee Shale	4463	-1575
Johnson	4508	-1620
Mississippian	4551	-1663



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Shakespeare Oil Co., Inc

27-13s-31w Gove co

202 W Main st
Salem, IL 62881

Parsons #3-27

ATTN: Tim Priest

Job Ticket: 46883

DST#: 1

Test Start: 2013.02.17 @ 08:31:00

GENERAL INFORMATION:

Formation: **Lansing " B "**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:01:30

Time Test Ended: 16:34:15

Test Type: Conventional Bottom Hole (Initial)

Tester: Sam Esparza

Unit No: 64

Interval: 3964.00 ft (KB) To 3990.00 ft (KB) (TVD)

Total Depth: 3990.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2888.00 ft (KB)

2878.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8845 Outside

Press @RunDepth: 79.80 psig @ 3965.00 ft (KB)

Start Date: 2013.02.17

End Date: 2013.02.17

Start Time: 08:31:05

End Time: 16:34:14

Capacity: 8000.00 psig

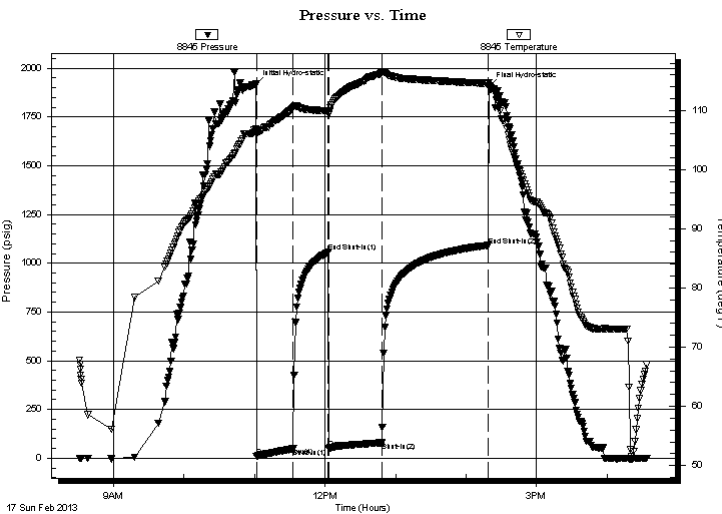
Last Calib.: 2013.02.17

Time On Btm: 2013.02.17 @ 11:01:15

Time Off Btm: 2013.02.17 @ 14:20:00

TEST COMMENT: IF: 3 1/2" blow .
IS: No return.
FF: 4 1/2" blow .
FS: 1/4" return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1917.73	106.82	Initial Hydro-static
1	10.67	105.91	Open To Flow (1)
32	48.87	110.42	Shut-In(1)
62	1056.34	109.93	End Shut-In(1)
62	50.97	109.37	Open To Flow (2)
107	79.80	116.36	Shut-In(2)
198	1091.65	114.57	End Shut-In(2)
199	1904.11	113.92	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	MW 20m 80w	0.61
40.00	Mw 40m 60w (Oil puddle on top)	0.56

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespeare Oil Co., Inc

27-13s-31w Gove co

202 W Main st
Salem, IL 62881

Parsons #3-27

Job Ticket: 46883

DST#: 1

ATTN: Tim Priest

Test Start: 2013.02.17 @ 08:31:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 47.00 sec/qt	Cushion Volume: bbl		
Water Loss: 4.80 in ³	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

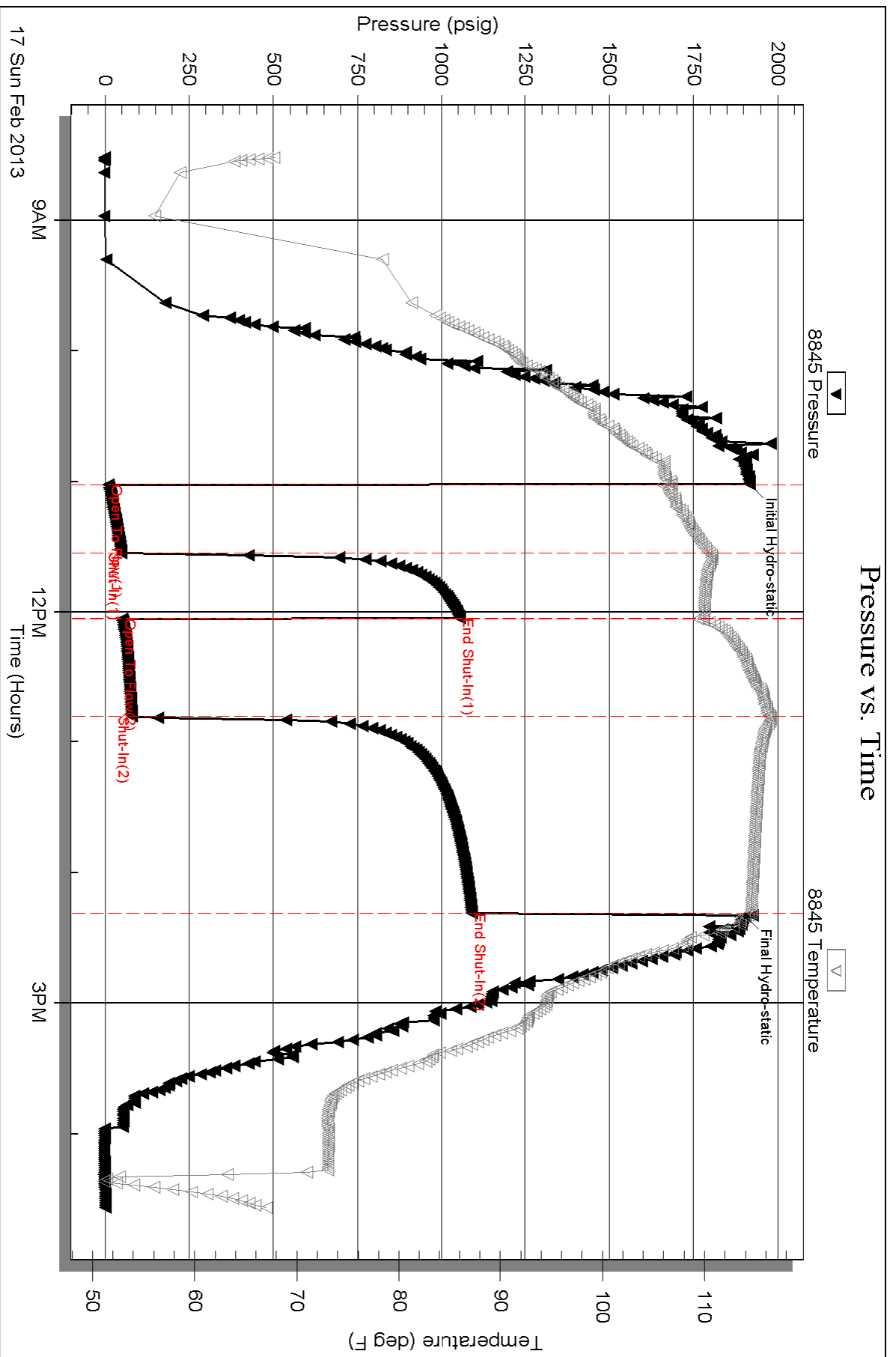
Length ft	Description	Volume bbl
120.00	MW 20m 80w	0.608
40.00	Mw 40m 60w (Oil puddle on top)	0.561

Total Length: 160.00 ft Total Volume: 1.169 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: RW: .126 @ 69 degrees= 58,000 ppm





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Shakespeare Oil Co., Inc

27-13s-31w Gove, KS

202 W Main St
Salem, IL 62881

Parsons #3-27

ATTN: Tim Priest

Job Ticket: 46884

DST#: 2

Test Start: 2013.02.18 @ 03:02:00

GENERAL INFORMATION:

Formation: " D "

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:36:15

Time Test Ended: 10:53:45

Test Type: Conventional Bottom Hole (Reset)

Tester: Sam Esparza

Unit No: 64

Interval: 3997.00 ft (KB) To 4023.00 ft (KB) (TVD)

Reference Elevations: 2888.00 ft (KB)

Total Depth: 4023.00 ft (KB) (TVD)

2878.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8017 Outside

Press @ Run Depth: 275.25 psig @ 3998.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.02.18

End Date: 2013.02.18

Last Calib.: 2013.02.18

Start Time: 03:02:05

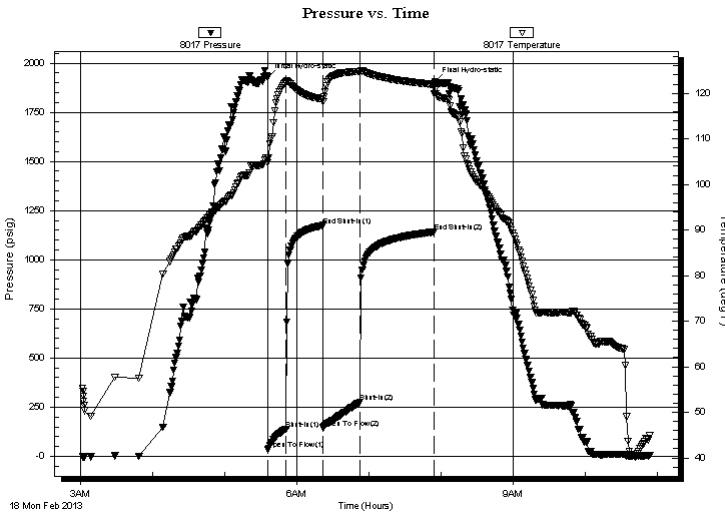
End Time: 10:53:44

Time On Btm: 2013.02.18 @ 05:36:00

Time Off Btm: 2013.02.18 @ 07:55:15

TEST COMMENT: IF: BOB @ 9 min.
IS: No return.
FF: BOB @ 9 min.
FS: No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1928.47	105.87	Initial Hydro-static
1	37.00	104.81	Open To Flow (1)
16	139.03	122.45	Shut-In(1)
46	1174.27	118.69	End Shut-In(1)
47	144.95	118.14	Open To Flow (2)
77	275.25	124.82	Shut-In(2)
139	1141.45	121.92	End Shut-In(2)
140	1904.01	120.68	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
270.00	MW 5m 95w	2.71
60.00	OMCW 5o 5m 90w	0.84
180.00	MW 20m 80w	2.52
90.00	GOWCM 5g 5o 30w 60m	1.26
1.00	Oil	0.01

* 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 Co., Inc

27-13s-31w Gove,KS

202 W Main St
Salem, IL 62881

Parsons #3-27

Job Ticket: 46884

DST#: 2

ATTN: Tim Priest

Test Start: 2013.02.18 @ 03:02:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

100000 ppm

Viscosity: 46.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.40 in³

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 bbbl
270.00	MW 5m 95w	2.712
60.00	OMCW 5o 5m 90w	0.842
180.00	MW 20m 80w	2.525
90.00	GOWCM 5g 5o 30w 60m	1.262
1.00	Oil	0.014

Total Length: 601.00 ft Total Volume: 7.355 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

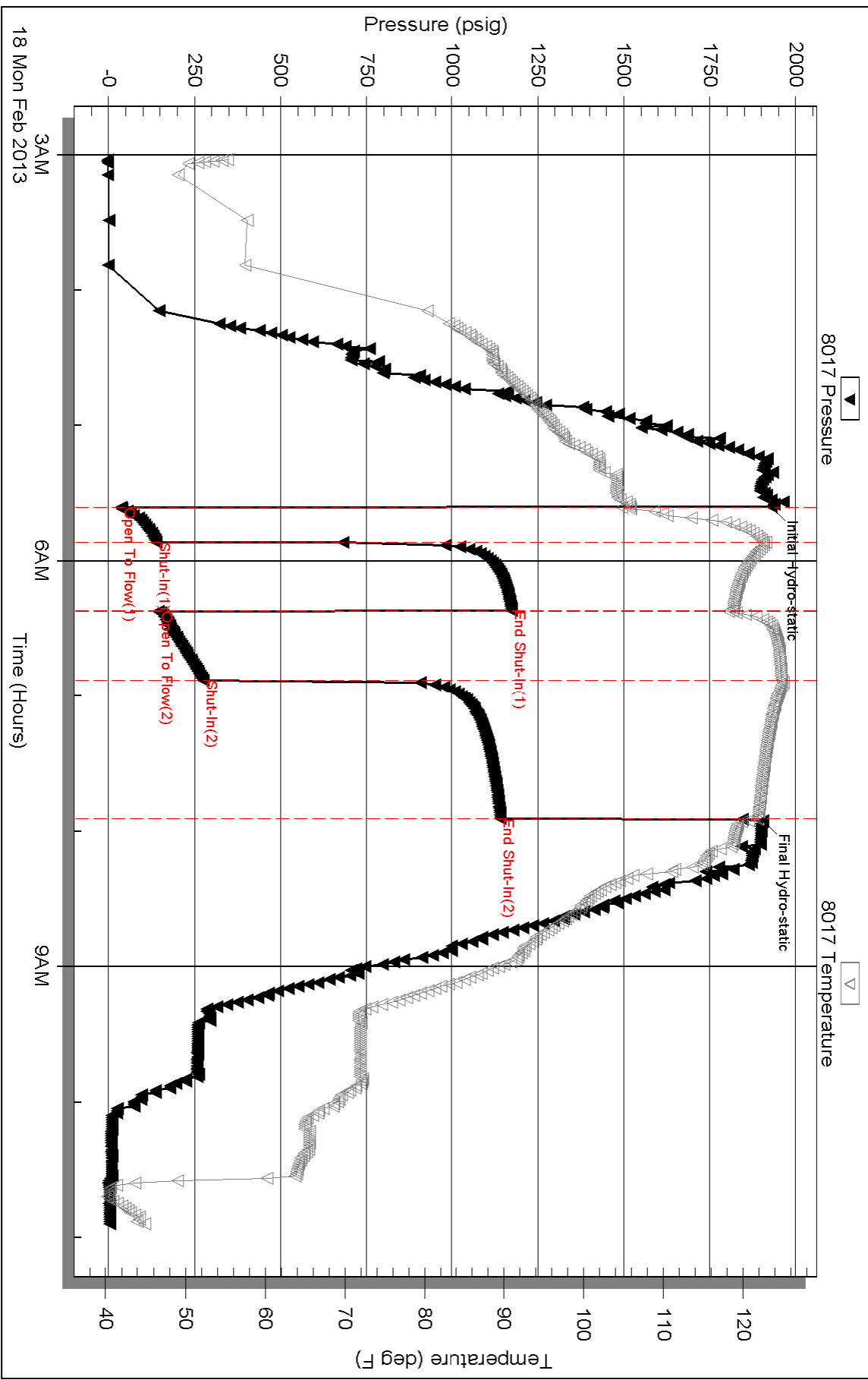
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW: .120 @ 42 degrees= 100,000 ppm

Pressure vs. Time





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Shakespeare Oil Co., Inc

27-13s-31w Gove co

202 W Main st
Salem, IL 62881

Parsons #3-27

Job Ticket: 46885

DST#: 3

ATTN: Tim Priest

Test Start: 2013.02.18 @ 20:07:00

GENERAL INFORMATION:

Formation: " E-F "

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:56:30

Time Test Ended: 02:26:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Sam Esparza

Unit No: 64

Interval: 4023.00 ft (KB) To 4044.00 ft (KB) (TVD)

Reference Elevations: 2888.00 ft (KB)

Total Depth: 4044.00 ft (KB) (TVD)

2878.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8845 Outside

Press @ Run Depth: 10.47 psig @ 4024.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.02.18

End Date:

2013.02.19

Last Calib.:

2013.02.19

Start Time: 20:07:05

End Time:

02:25:59

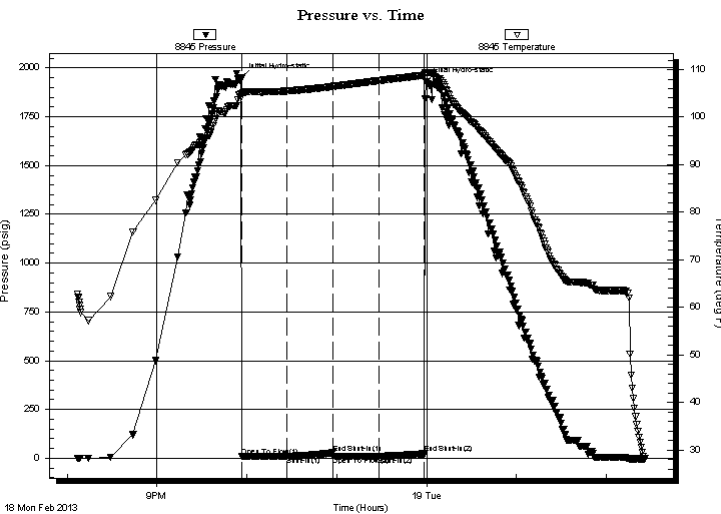
Time On Btm:

2013.02.18 @ 21:56:15

Time Off Btm:

2013.02.18 @ 23:59:45

TEST COMMENT: IF: 1/2" blow.
IS: No return.
FF: No blow.
FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1948.60	104.85	Initial Hydro-static
1	8.47	104.36	Open To Flow (1)
31	10.19	105.47	Shut-In(1)
61	27.05	106.44	End Shut-In(1)
62	9.87	106.44	Open To Flow (2)
92	10.47	107.67	Shut-In(2)
123	22.91	108.81	End Shut-In(2)
124	1931.34	109.35	Final Hydro-static

Recovery

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

* 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 Co., Inc

27-13s-31w Gove co

202 W Main st
Salem, IL 62881

Parsons #3-27

Job Ticket: 46885

DST#: 3

ATTN: Tim Priest

Test Start: 2013.02.18 @ 20:07:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.49 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 bbl
5.00	Mud 100m	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:

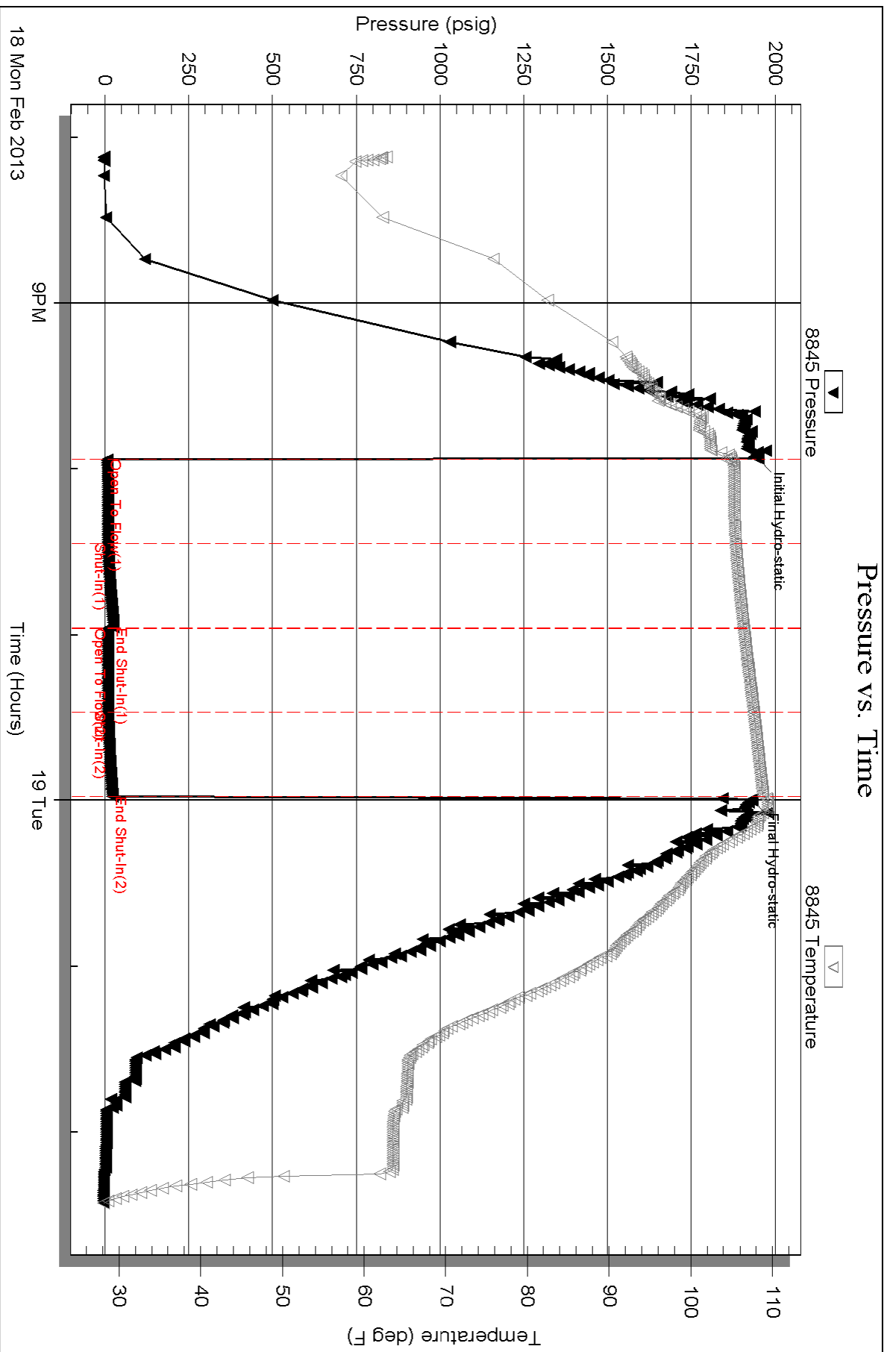
Recovery Comments:

Serial #: 8845

Outside Shakespeare Oil Co., Inc

Parsons #3-27

DST Test Number: 3





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Shakespeare Oil Co., Inc

27-13s-31w Gove co

202 W Main st
Salem, IL 62881

Parsons #3-27

ATTN: Tim Priest

Job Ticket: 46886

DST#: 4

Test Start: 2013.02.19 @ 19:15:00

GENERAL INFORMATION:

Formation: "H-I"

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:44:00

Time Test Ended: 05:02:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Sam Esparza

Unit No: 64

Interval: 4099.00 ft (KB) To 4155.00 ft (KB) (TVD)

Total Depth: 4155.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2888.00 ft (KB)

2878.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8845 Outside

Press @ Run Depth: 557.79 psig @ 4100.00 ft (KB)

Start Date: 2013.02.19

End Date:

2013.02.20

Start Time: 19:15:05

End Time:

05:02:00

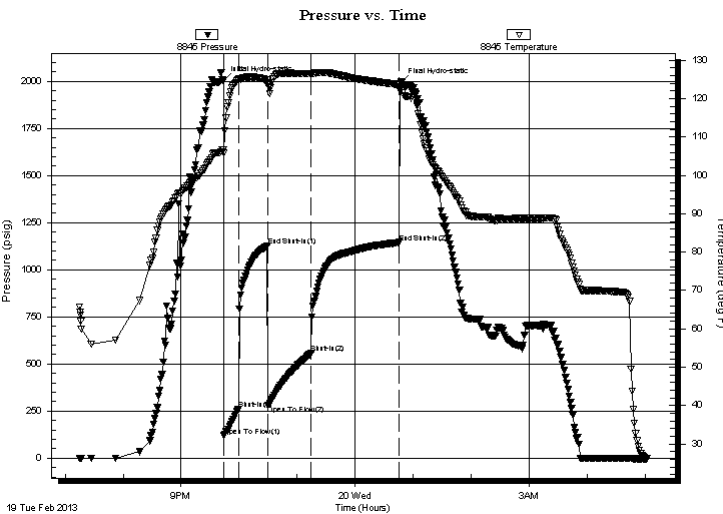
Capacity: 8000.00 psig

Last Calib.: 2013.02.20

Time On Btm: 2013.02.19 @ 21:43:45

Time Off Btm: 2013.02.20 @ 00:47:15

TEST COMMENT: IF: BOB @ 1 1/2 min.
IS: BOB return @ 14 min.
FF: BOB Immediately.
FS: BOB return @ 26 min.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2004.74	106.61	Initial Hydro-static
1	118.49	105.73	Open To Flow (1)
16	259.89	124.94	Shut-In(1)
46	1126.41	124.84	End Shut-In(1)
47	279.88	124.00	Open To Flow (2)
91	557.79	126.46	Shut-In(2)
182	1144.76	123.71	End Shut-In(2)
184	1995.22	123.11	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1670.00	GO 30g 70o	22.35
0.00	2330' GIP	0.00

* 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 Co., Inc

27-13s-31w Gove co

202 W Main st
Salem, IL 62881

Parsons #3-27

Job Ticket: 46886

DST#: 4

ATTN: Tim Priest

Test Start: 2013.02.19 @ 19:15:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

40 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 59.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.40 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1670.00	GO 30g 70o	22.351
0.00	2330' GIP	0.000

Total Length: 1670.00 ft Total Volume: 22.351 bbl

Num Fluid Samples: 0

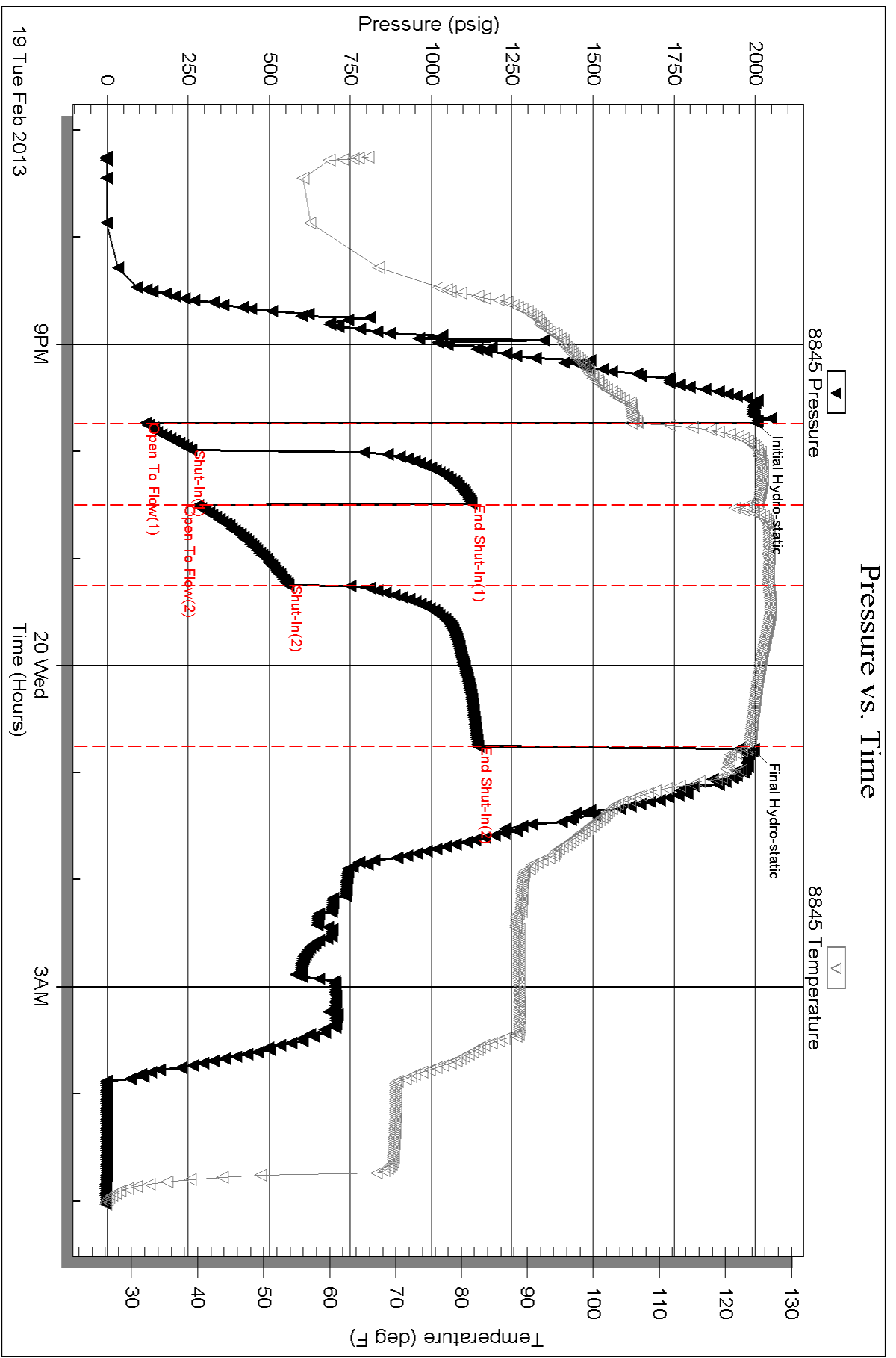
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Gravity: 37 @ 30 degrees= 40 API





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespeare Oil Co., Inc

27-13s-31w Gove co

202 W Main st
Salem, IL 62881

Parsons #3-27

Job Ticket: 46887

DST#: 5

ATTN: Tim Priest

Test Start: 2013.02.23 @ 22:40:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
		0.608

Total Length: ft Total Volume: 0.608 bbl

Num Fluid Samples: 0

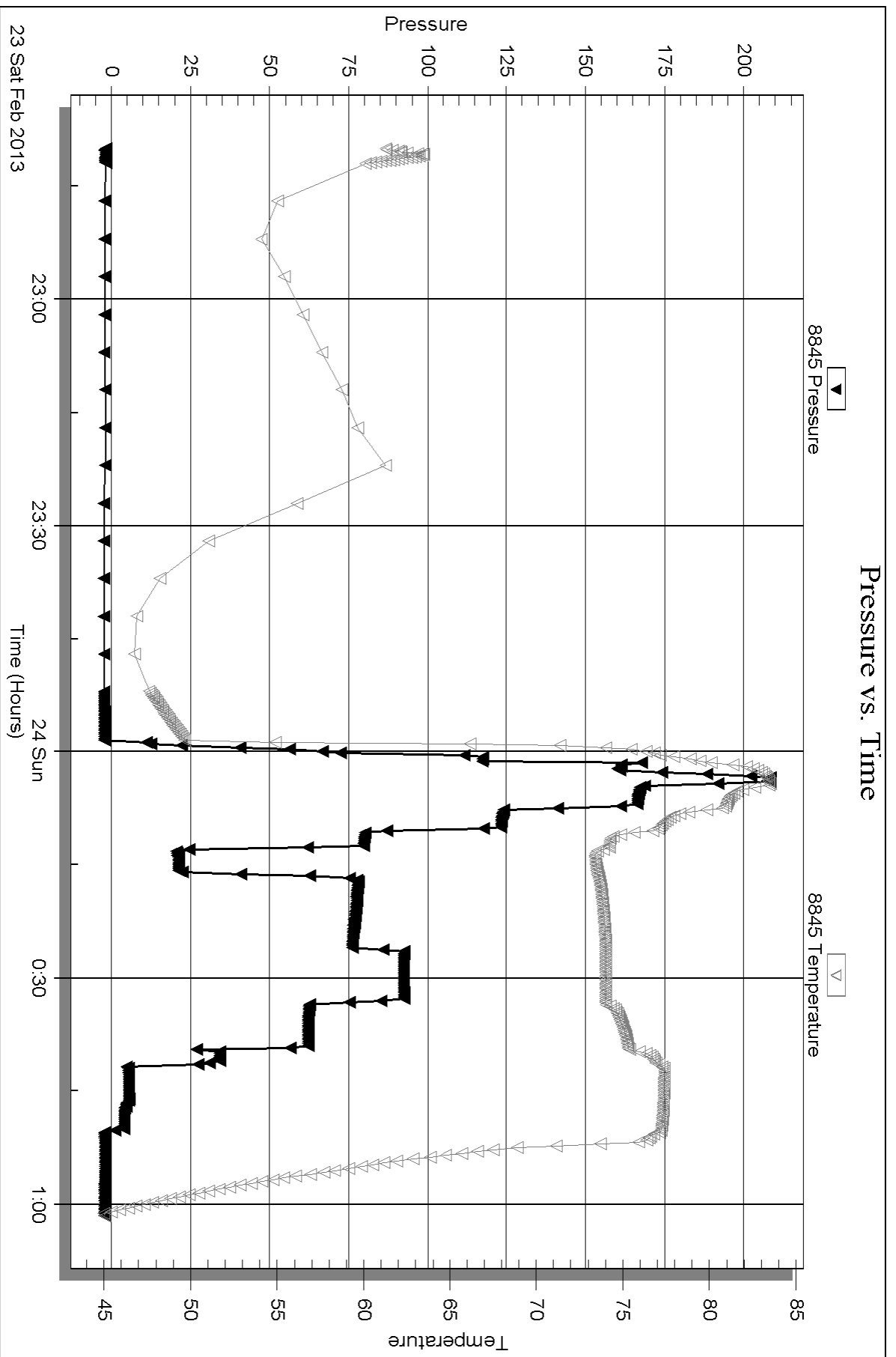
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Shakespeare Oil Co., Inc

27-13s-31w Gove co

202 W Main st
Salem, IL 62881

Parsons #3-27

ATTN: Tim Priest

Job Ticket: 46888

DST#: 6

Test Start: 2013.02.24 @ 11:36:00

GENERAL INFORMATION:

Formation: **Myric Station**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:13:45

Time Test Ended: 19:25:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Sam Esparza

Unit No: 64

Interval: 4398.00 ft (KB) To 4435.00 ft (KB) (TVD)

Reference Elevations: 2888.00 ft (KB)

Total Depth: 4435.00 ft (KB) (TVD)

2878.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8845 Outside

Press @ Run Depth: 11.60 psig @ 4399.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.02.24

End Date:

2013.02.24

Last Calib.: 2013.02.24

Start Time: 11:36:05

End Time:

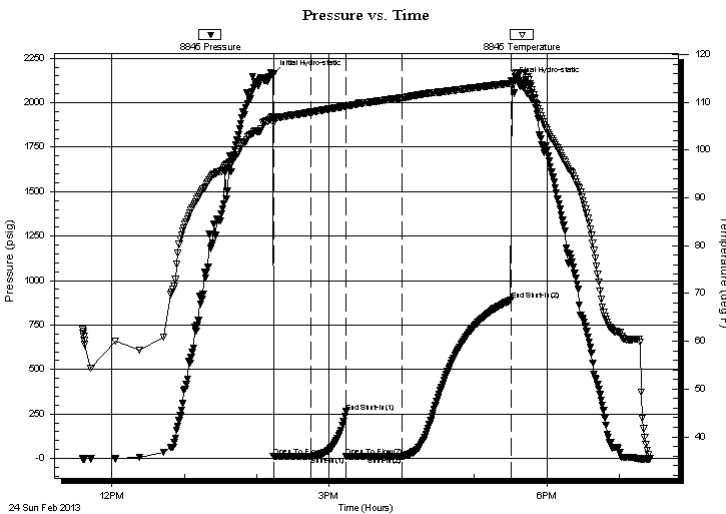
19:25:29

Time On Btm: 2013.02.24 @ 14:13:30

Time Off Btm: 2013.02.24 @ 17:30:45

TEST COMMENT: IF: No blow. Line was froze thawed out.
IS: Weak surface return.
FF: Weak surface blow died @ 40 min.
FS: No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2159.49	106.87	Initial Hydro-static
1	9.51	105.60	Open To Flow (1)
31	10.64	107.92	Shut-In(1)
61	261.39	109.22	End Shut-In(1)
61	11.48	109.10	Open To Flow (2)
107	11.60	110.92	Shut-In(2)
197	889.65	113.99	End Shut-In(2)
198	2117.14	114.49	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud 100m (Oil spots)	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 Co., Inc

27-13s-31w Gove co

202 W Main st
Salem, IL 62881

Parsons #3-27

Job Ticket: 46888

DST#: 6

ATTN: Tim Priest

Test Start: 2013.02.24 @ 11:36:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud 100m (Oil spots)	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

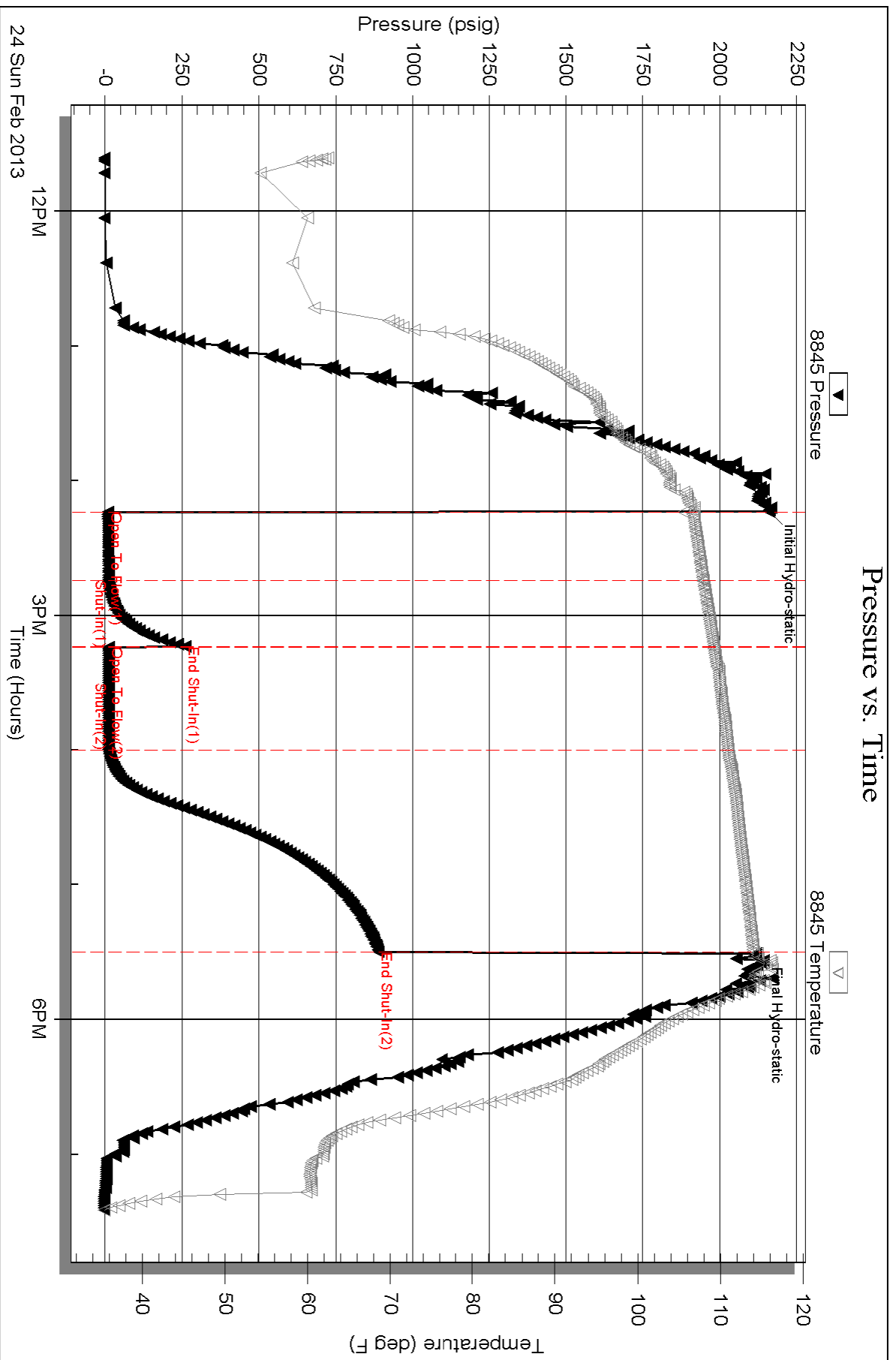
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

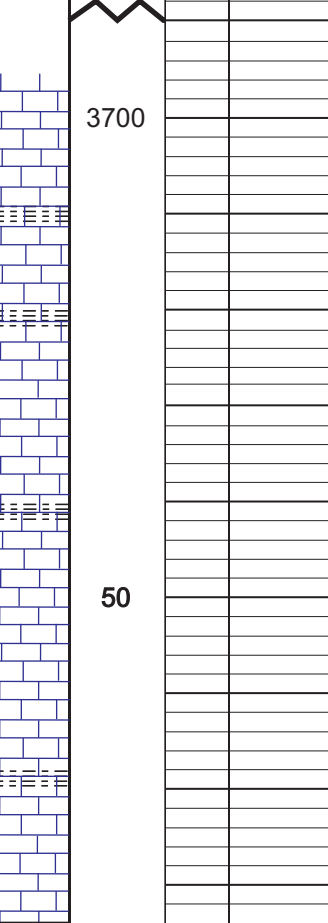


GEOLOGIST'S REPORT
DRILLING TIME AND SAMPLE LOG

COMPANY **SHAKESPARE OIL CO.** ELEVATIONS
 LEASE **Parsons 3-27** KB 2888'
 FIELD **Antelope Ridge** DF _____
 LOCATION **3351 FNL, 2297 FWL** GL 2878'
 SEC **27** T15SP **13S** R0E **31W**
 COUNTY **Grave** STATE **Kansas** Measurements Are All From **KB**
 CONTRACTOR **HD Drilling Rig #2**
 SPUD **2-11-13** COMP **2-26-13**
 RTD **4630'** LTD **4663'** CASING CONDUCTION **N/A**
 MUD UP **3500'** TYPE MUD **Chemical** SURFACE **8-5/8" @ 225'**
 PRODUCTION **5-1/2" @ 4630'**
 DRILLING TIME KEPT FROM **3700'** to RTD
 SAMPLES SAVED FROM **3700'** to RTD
 DRILLING TIME KEPT FROM **3700'** to RTD
 SAMPLES EXAMINED FROM **3700'** to RTD
 GEOLOGICAL SUPERVISION FROM **3800'** to RTD
 GEOLOGIST ON WELL **Tim Priest** By: **Weatherford**

FORMATION TOPS

FORMATION TOPS	ELECTRIC LOG	SAMPLE
Anhydrite	2363 (+525)	2365 (+523)
Sandstone	3898 (-1010)	3898 (-1010)
Heebner Shale	3941 (-1053)	3943 (-1055)
Amstung	4180 (-1292)	4178 (-1290)
SARK	4261 (-1373)	4258 (-1370)
BRC	4436 (-1548)	4434 (-1546)
Fort Scott	4463 (-1575)	4464 (-1576)
Cherokee Shale	4451 (-1563)	4530 (-1662)
Mississippian		



REMARKS Due to the results of DST #4 it was decided to set production casing to further test the well.

Respectfully Submitted,

API #15-063-22074-00-00 Tim Priest
 Petroleum Geologist

PO Box 93999
Southlake, TX 76092

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

INVOICE

Invoice Number: 135033
Invoice Date: Feb 26, 2013
Page: 1

Bill To:

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

Now Includes:



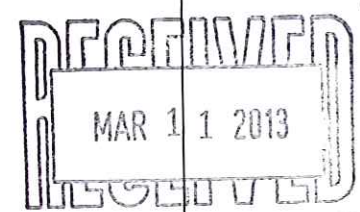
Customer ID	Field Ticket #	Payment Terms	
Shak	60050	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-02	Oakley	Feb 26, 2013	3/28/13

Quantity	Item	Description	Unit Price	Amount
4.00	MAT	Parsons #3-27	23.40	93.60
195.00	MAT	Gel	20.90	4,075.50
20.00	MAT	ASC	26.35	527.00
975.00	MAT	Salt	0.98	955.50
137.00	MAT	Gilsonite	10.30	1,411.10
12.00	MAT	CD-31	58.70	704.40
252.84	SER	Super Flush	2.48	627.04
217.80	SER	Cubic Feet	2.60	566.28
1.00	SER	Ton Mileage	2,765.75	2,765.75
20.00	SER	Production	7.70	154.00
1.00	SER	Pump Truck Mileage	275.00	275.00
1.00	SER	Manifold Head Rental	275.00	275.00
20.00	SER	Rotating Head Rental	4.40	88.00
1.00	CEMENTER	Light Vehicle Mileage		
1.00	EQUIP OPER	Darren Racette		
1.00	OPER ASSIST	Tyler Flipse		
		Kevin Ryan		

INT

Production Element

10502-S



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

\$ 2,503.63

ONLY IF PAID ON OR BEFORE
Mar 23, 2013

Subtotal	12,518.17
Sales Tax	625.25
Total Invoice Amount	13,143.42
Payment/Credit Applied	
TOTAL	13,143.42

DW

ALLIED OIL & GAS SERVICES, LLC 060050

Federal Tax I.D. # 20-8651476

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

SERVICE POINT:

Okley

DATE <u>2-26-13</u>	SEC. <u>27</u>	TWP. <u>13</u>	RANGE <u>31</u>	CALLED OUT	ON LOCATION	JOB START <u>8:00 PM</u>	JOB FINISH <u>9:00 PM</u>
LEASE <u>Parsons</u>	WELL# <u>3-27</u>	LOCATION <u>Okley 11S-5E-45-1AE</u>			COUNTY <u>Gove</u>	STATE <u>Ks.</u>	
OLD OR <u>NEW</u> (Circle one)			<u>Sinto</u>				

CONTRACTOR HD #2 OWNBR Same

TYPE OF JOB Production

HOLE SIZE 7/8 T.D. 4630' CEMENT

CASING SIZE 5/2 DEPTH 4636.89 AMOUNT ORDERED 195 SKS ASC 10% salt

TUBING SIZE DEPTH 2% Gel 5" Gilsonite 7/4" of 1" CD-31

DRILL PIPE DEPTH 12 bbl Super flush

TOOL Port Collar DEPTH 2338.67'

PRES. MAX MINIMUM COMMON @

MEAS. LINE SHOE JOINT 41.76 POZMIX @

CEMENT LEFT IN CSG. 41.76 GBL 4 SKS @ \$23.42 \$93.60

PERFS. CHLORIDE @

DISPLACEMENT 109.36 ASC 195 SKS @ 20.20 \$4075.50

EQUIPMENT

Salt 20 SKS @ \$26.32 \$527.00

Gilsonite 975 @ \$0.98 \$955.50

CD-31 137 @ \$10.30 \$1411.10

BULK TRUCK # 396-304 DRIVER Kevin Ryan

BULK TRUCK # DRIVER Super flush 12 bbl @ \$58.70 \$704.40

HANDLING 2.52.84 CT X @ \$2.48 \$627.00

MILEAGE 10.89 X 20 X @ \$2.60 \$566.88

TOTAL \$8960.42

REMARKS:

Mix Super flush Plug Batch 30 SKS
Mix 165 SKS Cement Washup Pump + Lines
Displace with water Land plug 850 #
Lift 1450 # Float Head

Thanks You.

SERVICE

DEPTH OF JOB 4636.89'

PUMP TRUCK CHARGE \$2765.75

EXTRA FOOTAGE @

MILEAGE 20 @ \$7.20 \$154.00

MANIFOLD Head @ \$275.00

Rotating Head @ \$275.00

LV mileage @ \$4.50 \$88.00

TOTAL \$3557.25

CHARGE TO: Shakespeare Oil + Gas

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.

SALES TAX (if Any) _____

TOTAL CHARGES 12,518.17

DISCOUNT 2,503.63 IF PAID IN 30 DAYS

10,014.53 Net.

PRINTED NAME Doug Roberts

SIGNATURE Doug Roberts



PO Box 93999
Southlake, TX 76092

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

INVOICE

Invoice Number: 135119

Invoice Date: Mar 8, 2013

Page: 1

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

Customer ID	Field Ticket #	Payment Terms	
Shak	60180	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-05	Oakley	Mar 8, 2013	4/7/13

Quantity	Item	Description	Unit Price	Amount
50.00	MAT	Parsons #3-27	17.90	895.00
7.00	MAT	Class A Common	18.25	127.75
2.00	MAT	FL-10	14.40	28.80
51.19	SER	Sand	2.48	126.95
48.00	SER	Cuibc Feet	2.60	124.80
1.00	SER	Ton Mileage	2,810.84	2,810.84
20.00	SER	Squeeze	7.70	154.00
1.00	SER	Pump Truck Mileage	300.00	300.00
20.00	SER	Manifold Squeeze Rental	4.40	88.00
1.00	CEMENTER	Light Vehicle Mileage		
1.00	EQUIP OPER	Darren Racette		
1.00	OPER ASSIST	Tyler Flipse		
		Ty Schrock		

INT

Squeeze Job
10502-S

RECEIVED

MAR 18 2013

RECEIVED

Subtotal	4,656.14
Sales Tax	84.65
Total Invoice Amount	4,740.79
Payment/Credit Applied	
TOTAL	4,740.79

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

\$

ONLY IF PAID ON OR BEFORE
Apr 2, 2013

DW

ALLIED OIL & GAS SERVICES, LLC

060180

Federal Tax I.D. # 20-8651475

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

SERVICE POINT:

Oakley

DATE <u>3-8-13</u>	SEC. <u>27</u>	TWP. <u>13</u>	RANGE <u>31</u>	CALLED OUT	ON LOCATION	JOB START <u>2:00 PM</u>	JOB FINISH <u>3:00 PM</u>
LEASE <u>Parsons</u>	WELL # <u>3-27</u>	LOCATION <u>Oakley 11s-5E-4S-1/2 E Sinto</u>			COUNTY <u>Gove</u>	STATE <u>Ks.</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)							

CONTRACTOR Wild West

TYPE OF JOB Squeeze

HOLE SIZE _____ T.D. _____

CASING SIZE 5/8 DEPTH _____

TUBING SIZE 2 3/8 DEPTH 4132'

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT 16.0

EQUIPMENT _____

OWNER Same

CEMENT AMOUNT ORDERED 50 SKs Com

PUMP TRUCK CEMENTER Darren Baette

224 HELPER Tyler Flipse

BULK TRUCK DRIVER Ty. Schrock

404 DRIVER _____

COMMON	<u>50 SKs</u>	@ <u>\$17.92</u>	<u>\$895.00</u>
POZMIX		@	
GEL		@	
CHLORIDE		@	
ASC		@	
FL-10	<u>7</u>	@ <u>\$18.95</u>	<u>\$127.75</u>
		@	
Sand	<u>2 SKs</u>	@ <u>14.00</u>	<u>28.00</u>
		@	
		@	
		@	
HANDLING	<u>50.19</u>	@ <u>\$2.48</u>	<u>\$124.28</u>
MILEAGE	<u>2.40 X 20 K</u>	@ <u>\$2.60</u>	<u>\$124.80</u>
TOTAL			<u>\$1303.22</u>

REMARKS:

Pressure Back Side 500#
Load Tubing + get Rate 3 bbl Per min @ 900
mix 50 SKs Cement + Displace with water
Squeeze To 1000# Wash out Pressure To
900# + Lock in

SERVICE

DEPTH OF JOB	<u>4132'</u>		
PUMP TRUCK CHARGE			<u>\$2810.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>20</u>	@ <u>\$7.72</u>	<u>\$154.40</u>
MANIFOLD	<u>Squeeze</u>	@	<u>\$300.00</u>
LV Mileage		@ <u>\$4.40</u>	<u>\$88.00</u>
		@	

TOTAL \$3352.00

CHARGE TO: Shakespeare Oil & Gas

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 _____

SIGNATURE [Signature]

SALES TAX (If Any) _____

TOTAL CHARGES 4,656.14

DISCOUNT 977.78 IF PAID IN 30 DAYS

3,678.35 Net



PO Box 93999
Southlake, TX 76092

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

INVOICE

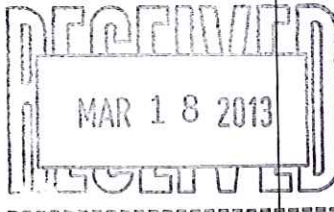
Invoice Number: 135111
Invoice Date: Mar 4, 2013
Page: 1

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

Customer ID	Field Ticket #	Payment Terms	
Shak	60132	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-04	Oakley	Mar 4, 2013	4/3/13

Quantity	Item	Description	Unit Price	Amount
195.00	MAT	Parsons #3-27	17.90	3,490.50
105.00	MAT	Class A Common	9.35	981.75
21.00	MAT	Pozmix	23.40	491.40
75.00	MAT	Gel	2.97	222.75
4.00	MAT	Flo Seal	35.00	140.00
632.33	SER	Cottonseed Hulls	2.48	1,568.18
481.06	SER	Cubic Feet	2.60	1,250.76
1.00	SER	Ton Mileage	2,483.59	2,483.59
20.00	SER	Port Collar	7.70	154.00
20.00	SER	Pump Truck Mileage	4.40	88.00
1.00	CEMENTER	Light Vehicle Mileage		
1.00	EQUIP OPER	Alan Ryan		
1.00	OPER ASSIST	Wayne McGhghy		
		Kevin Ryan		

INT



EQ Port Collar Cement
10502-S

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

\$

ONLY IF PAID ON OR BEFORE

Mar 29, 2013

Subtotal	10,870.93
Sales Tax	428.78
Total Invoice Amount	11,299.71
Payment/Credit Applied	
TOTAL	11,299.71

DW

ALLIED OIL & GAS SERVICES, LLC

Federal Tax I.D. # 20-8651475

060132

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

SERVICE POINT: Dakley, KY

DATE <u>3/4/13</u>	SEC <u>27</u>	TWP <u>13</u>	RANGE <u>31</u>	CALLED OUT	ON LOCATION	JOB START <u>11:00am</u>	JOB FINISH <u>12:00pm</u>
LEASE <u>Passover</u>		WELL # <u>3-27</u>		LOCATION <u>Dakley 115 SE 45 1/2 E Sinto</u>		COUNTY <u>Greene</u>	STATE <u>KY</u>
OLD OR NEW (Circle one)							

CONTRACTOR <u>Wild West.</u>	OWNER <u>Same</u>
TYPE OF JOB <u>Port Collar</u>	
HOLE SIZE _____ T.D. _____	CEMENT _____
CASING SIZE <u>5 1/2</u> DEPTH <u>4636'</u>	AMOUNT ORDERED <u>500 SKs 65/35 8" sized</u>
TUBING SIZE _____ DEPTH _____	<u>1/4 FLO</u>
DRILL PIPE _____ DEPTH _____	<u>10000 Hubs on side used 300 SKs</u>
TOOL <u>Port Collar</u> DEPTH _____	COMMON <u>195</u> @ <u>17.90</u> <u>3490.50</u>
PRES. MAX _____ MINIMUM _____	POZMIX <u>105</u> @ <u>9.75</u> <u>981.75</u>
MEAS. LINE _____ SHOE JOINT _____	GEL <u>21</u> @ <u>23.40</u> <u>491.40</u>
CEMENT LEFT IN CSG. _____	CHLORIDE @ _____
PERFS. _____	ASC @ _____
DISPLACEMENT <u>8.5 H.O</u>	<u>Flu Seal 75 lb @ 2.92 = 222.75</u>
EQUIPMENT _____	<u>Hulls 4 SKs @ 35.00 = 140.00</u>
PUMP TRUCK CEMENTER <u>Alan Ryan</u>	HANDLING <u>632.33 CF @ 2.48 = 1568.18</u>
# <u>400</u> HELPER <u>Wayne McElghy</u>	MILEAGE <u>22.70 @ 700/mile = 24.053700 = 1250.26</u>
BULK TRUCK _____	TOTAL <u>8145.34</u>
# <u>570</u> DRIVER <u>Kevin Ryan</u>	
BULK TRUCK _____	
# _____ DRIVER _____	

REMARKS:

Relocation, Site, Tent 7001 - 1200 PSD Oper Tool Trk 7001
Max 300 SK, Displace 8k, 10L, 10L BUBB Smit 7001
1200 PSD, Hubs, 500 Reverse Clean

Cement Seal Circulate
Thank You
Alan, Wayne, Kevin

SERVICE

DEPTH OF JOB _____	
PUMP TRUCK CHARGE _____	<u>2483.59</u>
EXTRA FOOTAGE @ _____	
MILEAGE <u>20</u> @ <u>7.20</u> <u>154.00</u>	
MANIFOLD @ _____	
<u>Site Labor 20 @ 4.40 = 88.00</u>	
TOTAL <u>2725.59</u>	

CHARGE TO: Shakespeare

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

_____ @ _____	
_____ @ _____	
_____ @ _____	
_____ @ _____	
_____ @ _____	
TOTAL _____	

SALES TAX (If Any) _____

TOTAL CHARGES 10,870.93

DISCOUNT 1,956.76 IF PAID IN 30 DAYS

8,914.16 Net.

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 _____

SIGNATURE [Signature]

PO Box 93999
Southlake, TX 76092

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

INVOICE

Invoice Number: 134877
Invoice Date: Feb 11, 2013
Page: 1

Bill To:

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

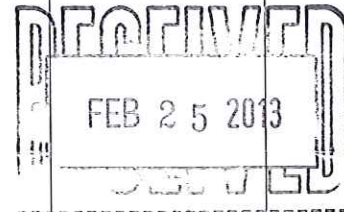
Now Includes:



Customer ID	Field Ticket #	Payment Terms	
Shak	60054	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Oakley	Feb 11, 2013	3/13/13

Quantity	Item	Description	Unit Price	Amount
165.00	MAT	Parsons #3-27	17.90	2,953.50
3.00	MAT	Class A Common	23.40	70.20
6.00	MAT	Gel	64.00	384.00
178.42	SER	Chloride	2.48	442.48
162.80	SER	Cubic Feet	2.60	423.28
1.00	SER	Ton Mileage	1,512.25	1,512.25
20.00	SER	Surface	7.70	154.00
1.00	SER	Pump Truck Mileage	275.00	275.00
20.00	SER	Swedge Manifold Rental	4.40	88.00
1.00	CEMENTER	Light Vehicle Mileage		
1.00	OPER ASSIST	LaRene Wentz		
1.00	OPER ASSIST	Paul Beaver		
1.00	OPER ASSIST	Ty Schrock		

INT



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

\$ 1,386.59

ONLY IF PAID ON OR BEFORE
Mar 8, 2013

Subtotal	6,302.71
Sales Tax	274.32
Total Invoice Amount	6,577.03
Payment/Credit Applied	
TOTAL	6,577.03

10502-5
Surface Cement

DW

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

April 01, 2013

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

Re: ACO1
API 15-063-22074-00-00
Parsons 3-27
NW/4 Sec.27-13S-31W
Gove 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