



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1174643
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

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

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

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

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

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

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

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

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

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

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

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

Submitted Electronically

KCC Office Use ONLY

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

1174643

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

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

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

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

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR: _____ Producing Method:
 Flowing Pumping Gas Lift Other *(Explain)* _____

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

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> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Shakespeare Oil Co., Inc.
Well Name	Teeter 2-11
Doc ID	1174643

All Electric Logs Run

Dual Induction
Comp Density
Comp Neutron
Microlog

Form	ACO1 - Well Completion
Operator	Shakespeare Oil Co., Inc.
Well Name	Teeter 2-11
Doc ID	1174643

Tops

Name	Top	Datum
Base Anhydrite	2512	+481
Heebner	3970	-977
Lansing	4013	-1020
Muncie Creek	4158	-1165
Stark Shale	4244	-1251
Hushpuckney	4280	-1287
Pawnee	4442	-1449
Cherokee Shale	4528	-1535
Johnson	4572	-1579
Mississippian	4624	-1631



PO Box 93999
Southlake, TX 76092

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

INVOICE

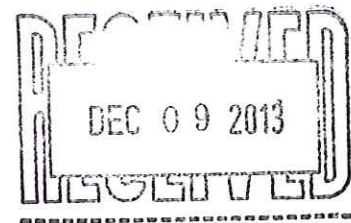
Invoice Number: 140017
Invoice Date: Nov 26, 2013
Page: 1

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

Customer ID	Field Ticket #	Payment Terms	
Shak	61198	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Oakley	Nov 26, 2013	12/26/13

Quantity	Item	Description	Unit Price	Amount
1.00	WELL NAME	Teeter #2-11		
175.00	CEMENT MATERIALS	Class A Common	17.90	3,132.50
3.00	CEMENT MATERIALS	Gel	23.40	70.20
6.00	CEMENT MATERIALS	Chloride	64.00	384.00
189.22	CEMENT SERVICE	Cubic Feet Charge	2.48	469.27
148.07	CEMENT SERVICE	Ton Mileage Charge	2.60	384.98
1.00	CEMENT SERVICE	Surface ✓	1,512.25	1,512.25
15.00	CEMENT SERVICE	Pump Truck Mileage	7.70	115.50
15.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	66.00
1.00	CEMENT SUPERVISOR	Alan Ryan		
1.00	OPERATOR ASSISTANT	Kevin Ryan		
1.00	OPERATOR ASSISTANT	Brandon Wilkinson		

INT



10502-S

Subtotal	6,134.70
Sales Tax	274.38
Total Invoice Amount	6,409.08
Payment/Credit Applied	
TOTAL	6,409.08

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

\$ 1,595.02

ONLY IF PAID ON OR BEFORE
Dec 21, 2013

DW



INVOICE

PO Box 93999
Southlake, TX 76092

Invoice Number: 140262

Invoice Date: Dec 9, 2013

Voice: (817) 546-7282

Page: 1

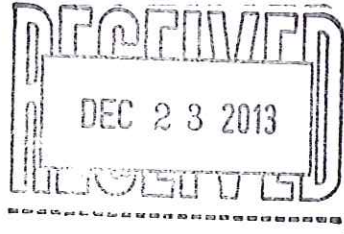
Fax: (817) 246-3361

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

Customer ID	Field Ticket #	Payment Terms	
Shak	62182	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-03	Oakley	Dec 9, 2013	1/8/14

Quantity	Item	Description	Unit Price	Amount
1.00	WELL NAME	Teeter #2-11		
123.00	CEMENT MATERIALS	Class A Common	17.90	2,201.70
82.00	CEMENT MATERIALS	Pozmix	9.35	766.70
7.00	CEMENT MATERIALS	Gel	23.40	163.80
51.00	CEMENT MATERIALS	Flo Seal	2.97	151.47
220.41	CEMENT SERVICE	Cubic Feet Charge	2.48	546.62
1.00	CEMENT SERVICE	Ton Mileage Charge	380.00	380.00
1.00	CEMENT SERVICE	Rotary Plug	2,483.59	2,483.59
15.00	CEMENT SERVICE	Pump Truck Mileage	7.70	115.50
15.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	66.00
1.00	EQUIPMENT SALES	8-5/8 Wooden Plug	107.64	107.64
1.00	CEMENT SUPERVISOR	Alan Ryan		
1.00	OPERATOR ASSISTANT	Kevin Ryan		
1.00	OPERATOR ASSISTANT	Chris Helpingstine		

INT



10502-17

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

\$ 1,815.58

ONLY IF PAID ON OR BEFORE
Jan 3, 2014

Subtotal	6,983.02
Sales Tax	534.20
Total Invoice Amount	7,517.22
Payment/Credit Applied	
TOTAL	7,517.22

DW

GEOLOGIST'S REPORT
DRILLING TIME AND SAMPLE LOG

COMPANY: **SHAKESPEARE OIL CO.**
 LEASE: **Tractor #211**
 FIELD: **Stratford**
 LOCATION: **514 FMS, 1494 FEL**
 SEC: **11 T15SP 13S R0E 32W**
 COUNTY: **Logan STATE Kansas**

CONTRACTOR: **HD Drilling Rig #2**
 SPUD: **11-26-13** COMP: **12-8-13**
 RTD: **4700'** LTD: **4698'**
 MUD UP: **3500'** TYPE MUD: **Chemical**

SAMPLES SAVED FROM: **3750'** to RTD
 DRILLING TIME KEPT FROM: **3750'** to RTD
 SAMPLES EXAMINED FROM: **3750'** to RTD
 GEOLOGICAL SUPERVISION FROM: **3800'** to RTD

GEOLOGIST ON WELL: **Tim Priest**

FORMATION TOPS: **ELECTRIC LOG** SAMPLE
 Anhydrite: **2490 (+503)** 2492 (+501)
 Sandstone: **3970 (+977)** 3974 (+981)
 Heebner Shale: **4013 (-1020)** 4018 (-1025)
 Limestone: **4244 (-1251)** 4247 (-1254)
 Shale: **4314 (-1321)** 4317 (-1324)
 BKC: **4314 (-1321)** 4317 (-1324)

Fort Scott: **4498 (-1505)** 4500 (-1507)
 Cherokee Shale: **4528 (-1579)** 4531 (-1578)
 Johnson Zone: **4572 (-1579)** 4573 (-1580)
 Mississippi: **4616 (-1623)** 4618 (-1625)

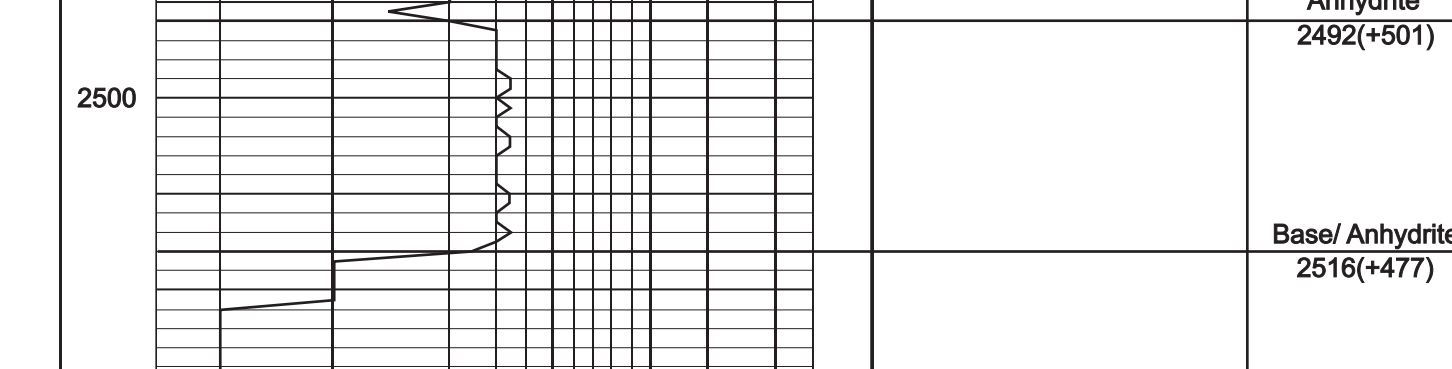
ELEVATIONS: **KB 2993'**
DF
GL 2983'

Measurements Are All From **KB**
 CASING: **N/A**
 CONDUCTION: **N/A**
 SURFACE: **8-5/8" @ 224'**
 PRODUCTION: **None**

REMARKS: Due to negative DST's and lack of shows, it was decided to plug and abandon the well.

Respectfully Submitted,
 Tim Priest
 Petroleum Geologist

API #15-109-21219



DEPTH
 2500
 3800
 50
 3900
 50
 4000
 50
 4100
 50
 4200
 50
 4300
 50
 4400
 50
 4500
 50
 4600
 50
 4700

LITHOLOGY
 Anhydrite
 Sandstone
 Limestone
 Shale
 Carb Sh
 Cherty LS
 Chert
 Dolomite

SAMPLE DESCRIPTION
 Anhydrite 2492(+501)
 Base/ Anhydrite 2516(+477)
 Ls crm-gry, fn xtl, fos, arg in prt
 Ls crm-gry, fn xtl, sli fos, chky, p int xtl-pp por, NS
 Sh gry, calc
 Ls crm, fn xtl, fos, v chky, f int xtl-pp por, NS
 Ls crm-lt gry, fn xtl, sli chky, dnse
 Sh blk
 SS red, vfn grn, w/red silts
 Ls gry, vfn xtl, dnse
 Ls crm-lt gry, fn xtl, fos, arg in prt
 Ls crm-lt gry, vfn xtl, dnse
 Sh blk
 Ls crm-lt gry, fn xtl, fos-fn ool, chky, f int xtl-pp por, NS
 Ls crm, vfn xtl, sli fos, sli chty, dnse
 Ls crm, fn xtl, fos, sli chty

REMARKS
 Heebner 3974 (-981)
 Toronto 4003 (-1010)
 Lansing 4018 (-1025)
 DST # 1 (4240'-4270')
 30" 30"-45"-90"
 FF: Built to 3 in., no return
 FF: Built to 3 in., no return
 Rec: 30' Mud w/ool acum, 60' OSWMS (N/A/60MM)
 Fps: 16-39M/42-63#
 SIPs: 1042#/102#
 HSPs: 2103#/204#
 BHT: 115 deg F
 2100ppm
 4247 (-1254)
 B/K.C. 4317 (-1324)
 Marmaton 4344 (-1351)
 Pawnee 4446 (-1449)
 Myric Station 4484 (-1491)
 Fort Scott 4500 (-1507)
 Cherokee Shale 4531 (-1538)
 Johnson Zone 4573 (-1580)
 DST # 2 (4566'-4599')
 30" 30"-45"-90"
 FF: Built to 2 in., no return
 FF: Built to 1 in., no return
 Rec: 50' Mud w/ool sps
 Fps: 16-27#/29-38#
 SIPs: 905#/92#
 HSPs: 2265#/221#
 BHT: 119 deg F
 Mississippi 4618 (-1625)
 Total Depth 4700 (-1707)



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Shakespeare Oil Company

11-13s-32w Logan Co, KS

202 West Main ST
Salem IL, 62881

Teeter #2-11

Job Ticket: 54583

DST#: 1

ATTN: Tim Priest

Test Start: 2013.12.05 @ 05:35:00

GENERAL INFORMATION:

Formation: **Kansas City "K" Zone**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:11:30

Time Test Ended: 16:03:15

Test Type: Conventional Bottom Hole (Initial)

Tester: Jace McKinney

Unit No: 46

Interval: 4240.00 ft (KB) To 4270.00 ft (KB) (TVD)

Reference Elevations: 2993.00 ft (KB)

Total Depth: 4270.00 ft (KB) (TVD)

2983.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 10.00 ft

Serial #: 8675

Inside

Press@RunDepth: 62.50 psig @ 4245.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.12.05

End Date:

2013.12.05

Last Calib.:

2013.12.05

Start Time: 05:35:15

End Time:

16:03:15

Time On Btm:

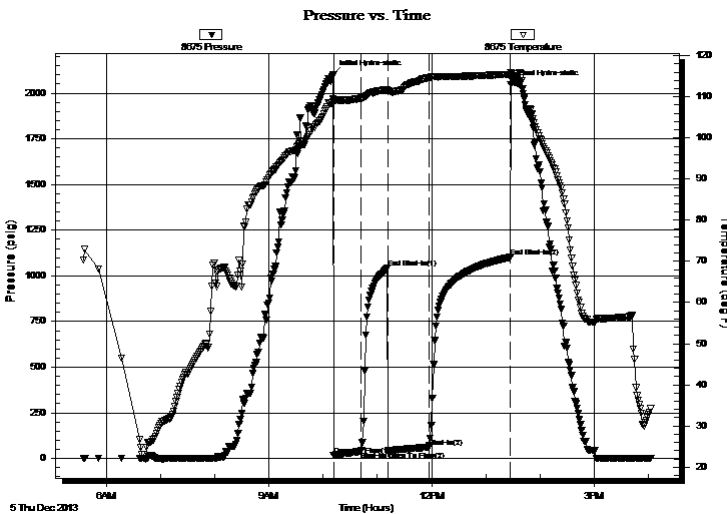
2013.12.05 @ 10:11:15

Time Off Btm:

2013.12.05 @ 13:27:30

TEST COMMENT: Built to 3" blow
No return blow
Built to 2 3/4" blow
Weak surface return blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2102.93	109.65	Initial Hydro-static
1	16.16	108.86	Open To Flow (1)
31	38.71	109.64	Shut-In(1)
61	1041.60	111.76	End Shut-In(1)
61	42.27	111.43	Open To Flow (2)
106	62.50	114.71	Shut-In(2)
196	1101.99	115.48	End Shut-In(2)
197	2045.51	115.95	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	100% Mud w ith oil scum on top	0.15
60.00	w cm 35%W 65%M w ith oil spots	0.30

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespeare Oil Company

11-13s-32w Logan Co, KS

202 West Main ST
Salem IL, 62881

Teeter #2-11

Job Ticket: 54583

DST#: 1

ATTN: Tim Priest

Test Start: 2013.12.05 @ 05:35:00

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:

20000 ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
30.00	100% Mud w ith oil scum on top	0.148
60.00	w cm 35%W 65%M w ith oil spots	0.295

Total Length: 90.00 ft Total Volume: 0.443 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW: .75 @ 20 F = 20,000

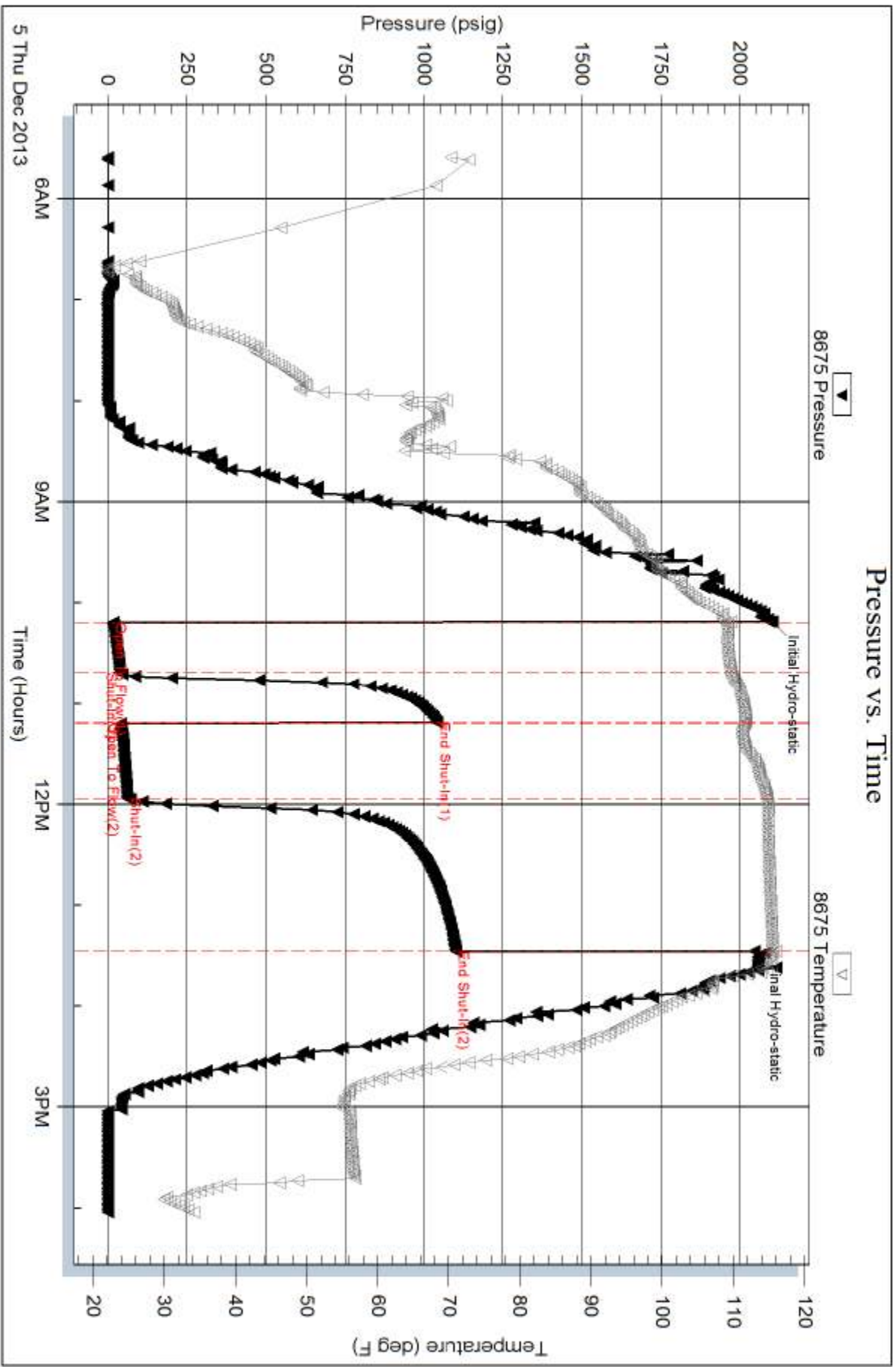
Serial #: 8675

Inside

Shakespeare Oil Company

Teeler #2-11

DST Test Number: 1





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Shakespeare Oil Company

11-13s-32w Logan Co, KS

202 West Main ST
Salem IL, 62881

Teeter #2-11

Job Ticket: 54584

DST#: 2

ATTN: Tim Priest

Test Start: 2013.12.07 @ 01:50:00

GENERAL INFORMATION:

Formation: **Johnson Zone**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:42:15

Time Test Ended: 12:01:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Jace McKinney

Unit No: 46

Interval: 4566.00 ft (KB) To 4599.00 ft (KB) (TVD)

Total Depth: 4599.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 2993.00 ft (KB)

2983.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8675 Inside

Press @ Run Depth: 38.17 psig @ 4571.00 ft (KB)

Start Date: 2013.12.07

End Date: 2013.12.07

Start Time: 01:50:15

End Time: 12:01:30

Capacity: 8000.00 psig

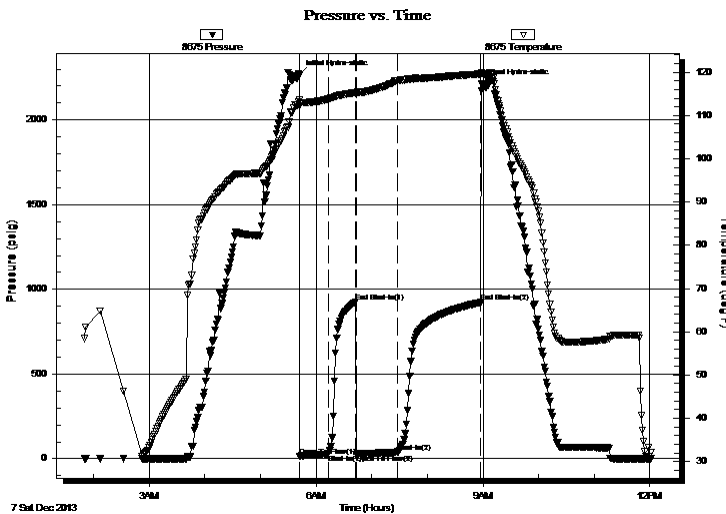
Last Calib.: 2013.12.07

Time On Btm: 2013.12.07 @ 05:42:00

Time Off Btm: 2013.12.07 @ 08:58:45

TEST COMMENT: Built to 2" blow
No return blow
Built to 3/4" blow
No return blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2265.06	113.57	Initial Hydro-static
1	15.68	112.13	Open To Flow (1)
31	26.93	113.79	Shut-In(1)
61	925.27	115.30	End Shut-In(1)
61	28.71	114.80	Open To Flow (2)
106	38.17	118.11	Shut-In(2)
196	922.81	119.59	End Shut-In(2)
197	2216.10	119.74	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
50.00	100%Mud with oil spots	0.25

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespeare Oil Company

11-13s-32w Logan Co, KS

202 West Main ST
Salem IL, 62881

Teeter #2-11

Job Ticket: 54584

DST#: 2

ATTN: Tim Priest

Test Start: 2013.12.07 @ 01:50:00

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: 49.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3300.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
50.00	100%Mud w ith oil spots	0.246

Total Length: 50.00 ft Total Volume: 0.246 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

