



**WELL COMPLETION FORM**  
**WELL HISTORY - DESCRIPTION OF WELL & LEASE**

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

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

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

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

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

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

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

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

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

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

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

Designate Type of Completion:

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

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

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

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

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

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

Spud Date or Recompletion Date      Date Reached TD      Completion Date or Recompletion Date

API No. 15 - \_\_\_\_\_

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

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

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

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

Footages Calculated from Nearest Outside Section Corner:

- NE       NW       SE       SW

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

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

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

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

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

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

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

Multiple Stage Cementing Collar Used?  Yes  No

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

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

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

**Drilling Fluid Management Plan**

(Data must be collected from the Reserve Pit)

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

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

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

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

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

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

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

**AFFIDAVIT**

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

Submitted Electronically

**KCC Office Use ONLY**

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



1055295

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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<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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Form	ACO1 - Well Completion
Operator	Shakespeare Oil Co., Inc.
Well Name	Glassman 3-35
Doc ID	1055295

All Electric Logs Run

Array Induction
Photo Density
Comp Neutron
Microlog
Sonci

Form	ACO1 - Well Completion
Operator	Shakespeare Oil Co., Inc.
Well Name	Glassman 3-35
Doc ID	1055295

Tops

Name	Top	Datum
Anhydrite	2494	482
B/Anhydrite	2518	458
Heebner	3961	985
Lansing	4006	1030
Muncie Creek	4149	1173
Stark	4231	1255
Fort Scott	4493	1517
Cherokee SH.	4516	1540
Johnson Zone	4560	1584
Mississippi	4611	1635



PO BOX 31 Russell, KS 67665

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

# INVOICE

Invoice Number: 126771  
 Invoice Date: Apr 5, 2011  
 Page: 1

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

Federal Tax I.D.#: 20-5975804

*AK*

Customer ID	Well Name# or Customer P.O.	Payment Terms
Shak	Glassman #3-35	Net 30 Days
Job Location	Camp Location	Service Date
KS1-01	Oakley	Apr 5, 2011
		Due Date
		5/5/11

Quantity	Item	Description	Unit Price	Amount
175.00	MAT	Class A Common	16.25	2,843.75
3.00	MAT	Gel	21.25	63.75
6.00	MAT	Chloride	58.20	349.20
184.00	SER	Handling	2.25	414.00
10.00	SER	Mileage 184 sx @.11 per sk per mi	20.24	202.40
1.00	SER	Surface	1,125.00	1,125.00
20.00	SER	Pump Truck Mileage	7.00	140.00
1.00	SER	Swedge Rental	325.00	325.00
20.00	SER	Light Vehicle Mileage	4.00	80.00
1.00	CEMENTER	Larene Wentz		
1.00	OPER ASSIST	Darrin Racette		
1.00	OPER ASSIST	Earl Rebarchek		

*INT*

**RECEIVED**  
 APR 18 2011  
 RECEIVED

Subtotal	5,543.10
Sales Tax	237.74
Total Invoice Amount	5,780.84
Payment/Credit Applied	
<b>TOTAL</b>	<b>5,780.84</b>

*du*

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

\$ 1108 62

ONLY IF PAID ON OR BEFORE  
Apr 30, 2011







PO BOX 31 Russell, KS 67665

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

# INVOICE

Invoice Number: 126975  
Invoice Date: Apr 21, 2011  
Page: 1

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

Federal Tax I.D.#: 20-5975804

*file*  
*INT*

Customer ID	Well Name# or Customer P.O.	Payment Terms
Shak	Glassman #3-35	Net 30 Days
Job Location	Camp Location	Service Date
KS1-04	Oakley	Apr 21, 2011
		Due Date
		5/21/11

Quantity	Item	Description	Unit Price	Amount
230.00	MAT	Class A Common	16.25	3,737.50
125.00	MAT	Pozmix	8.50	1,062.50
25.00	MAT	Gel	21.25	531.25
522.00	SER	Handling	2.25	1,174.50
11.00	SER	Mileage 522 sx @ .11 per sk per mi	57.42	631.62
1.00	SER	Port Collar	125.00	2,125.00
22.00	SER	Pump Truck Mileage	7.00	154.00
22.00	SER	Light Truck Mileage	4.00	88.00
1.00	CEMENTER	Andrew Forslund		
1.00	OPER ASSIST	Jerry Yates		

**RECEIVED**  
APR 29 2011  
BUSINESS

Subtotal	9,504.37
Sales Tax	389.18
Total Invoice Amount	9,893.55
Payment/Credit Applied	
<b>TOTAL</b>	<b>9,893.55</b>

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

\$ 1900.87

ONLY IF PAID ON OR BEFORE  
May 16, 2011

DW

# ALLIED CEMENTING CO., LLC. 043296

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

Osage

DATE <u>4-21-11</u>	SEC <u>35</u>	TWP. <u>12</u>	RANGE <u>32</u>	CALLED OUT	ON LOCATION	JOB START <u>2:00pm</u>	JOB FINISH <u>2:30pm</u>
LEASE <u>Classman</u>	WELL # <u>3-35</u>	LOCATION <u>Osage</u>		<u>key 105 1e 1as</u>	COUNTY <u>Zegen</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one) <u>NEW</u>				OWNER <u>same</u>			

CONTRACTOR wild west  
TYPE OF JOB port collar

HOLE SIZE T.D.  
CASING SIZE 5 1/2 DEPTH  
TUBING SIZE 2 3/8 DEPTH 2450'  
DRILL PIPE DEPTH  
TOOL DEPTH  
PRES. MAX DEPTH  
MEAS. LINE MINIMUM  
CEMENT LEFT IN CSG. SHOE JOINT  
PERFS.

DISPLACEMENT 9.5 EQUIPMENT  
PUMP TRUCK CEMENTER Andrew  
# 423-287 HELPER Jerry  
BULK TRUCK DRIVER mike  
# 394  
BULK TRUCK DRIVER

REMARKS:  
Pressure to 1200 # held open  
port collar circulate cement  
to surface with 355 sks  
close port collar pressure to  
1200 # Run 4 joints Reverse  
clean.

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

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.

PRINTED NAME John Davison  
SIGNATURE John Davison

CEMENT  
AMOUNT ORDERED 475 sks 65/35  
8% gel 1470 500 halibon s.de  
used 355 sks cement  
COMMON 230 sks @ 16.25 3732.50  
POZMIX 125 sks @ 8.50 1062.50  
GEL 25 sks @ 21.25 531.25  
CHLORIDE @  
ASC @  
HANDLING 522 sks @ 2.25 1174.50  
MILEAGE 118 sk/mile @ 631.62  
TOTAL 2137.37

DEPTH OF JOB 2450'  
PUMP TRUCK CHARGE 2125.00  
EXTRA FOOTAGE @  
MILEAGE 11 miles @ 2.00 154.00  
MANIFOLD 400 88.00  
Light Vehicle @  
TOTAL 2367.00

PLUG & FLOAT EQUIPMENT  
SALES TAX (If Any) \_\_\_\_\_  
TOTAL CHARGES \_\_\_\_\_  
DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS





PO BOX 31 Russell, KS 67665

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

# INVOICE

Invoice Number: 126878  
 Invoice Date: Apr 16, 2011  
 Page: 1

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

Federal Tax I.D.#: 20-5975804

*INT*  
*well logs*

Customer ID	Well Name#-or-Customer P.O.	Payment Terms
Shak	Glassman #3-35	Net 30 Days
Job Location	Camp Location	Service Date
KS1-04	Oakley	Apr 16, 2011
		Due Date
		5/16/11

Quantity	Item	Description	Unit Price	Amount
4.00	MAT	Gel	21.25	85.00
225.00	MAT	ASC Class A	19.00	4,275.00
1,125.00	MAT	Gilsonite	0.89	1,001.25
21.00	MAT	Salt	23.95	502.95
158.00	MAT	CD-31	9.35	1,477.30
500.00	MAT	WFR-2	1.27	635.00
287.00	SER	Handling	2.25	645.75
11.00	SER	Mileage 287 sx @ .11 per sk per mi	31.57	347.27
1.00	SER	Port Collar Production	2,405.00	2,405.00
22.00	SER	Pump Truck Mileage	7.00	154.00
1.00	SER	Manifold Head Rental	200.00	200.00
22.00	SER	Light Vehicle Mileage	4.00	88.00
1.00	CEMENTER	Larene Wentz		
1.00	CEMENTER	Terry Heinrich		
1.00	OPER ASSIST	Darrin Racette		



Subtotal	11,816.52
Sales Tax	582.28
Total Invoice Amount	12,398.80
Payment/Credit Applied	
<b>TOTAL</b>	<b>12,398.80</b>

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

\$ **2363.30**

ONLY IF PAID ON OR BEFORE

May 11, 2011

*DW*

# ALLIED CEMENTING CO., LLC. 043337

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

Dakley, KS

DATE <u>4-16-11</u>	SEC. <u>35</u>	TWP. <u>12</u>	RANGE <u>32</u>	CALLED OUT	ON LOCATION	JOB START <u>7:00 pm</u>	JOB FINISH <u>7:00 pm</u>
LEASE <u>Loassman</u>	WELL # <u>3-35</u>	LOCATION <u>Dakley, KS 105 1E 1/2 S</u>		COUNTY <u>Logan</u>	STATE <u>KS</u>		
OLD OR NEW (Circle one) <u>NEW</u>							

CONTRACTOR AD #2 OWNER Same

TYPE OF JOB 5 1/2 port collar production

HOLE SIZE 7 7/8" T.D.

CASING SIZE 5 1/2" DEPTH 4691

TUBING SIZE DEPTH 4691

DRILL PIPE DEPTH

TOOL port collar DEPTH 2850

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT 42.28

CEMENT LEFT IN CSG. 42.48

PERFS. EQUIPMENT

DISPLACEMENT 110 87

EQUIPMENT

PUMP TRUCK CEMENTER LaRue

# 431 HELPER Darren

BULK TRUCK DRIVER Terry

# DRIVER

REMARKS:

Pump Subwater mix 500g/WFR-2  
pump is bit water play replete 30% to  
mix 1955 lbs ASC dash 5 1/2 Cas mix. w/204  
pump & lines clean. Displace plug 2 bbls  
minute at 700 # lift 1 band plug at  
1500 # float held  
Thom 4 104

CHARGE TO: Sha Kespeare

STREET \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

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.

PRINTED NAME Doug Roberts  
SIGNATURE Doug Roberts

CEMENT

AMOUNT ORDERED 225 sks ASC 2 209.96  
5 # Gilsonite, 10% Salt 1001.25

COMMON	@		
POZMIX	@		
GEL	@	<u>4 sks</u>	<u>21.23</u>
CHLORIDE	@		
ASC	@	<u>225 sks</u>	<u>19.00</u>
Gilsonite	@	<u>1125 #</u>	<u>-.89</u>
Salt	@	<u>215 sks</u>	<u>23.95</u>
CD-31	@	<u>158 #</u>	<u>9.35</u>
WFR-2	@	<u>500 gal</u>	<u>1.27</u>
HANDLING	@	<u>287 sks</u>	<u>2.25</u>
MILEAGE	@	<u>145 sk mile</u>	<u>347.27</u>
TOTAL			<u>5862.52</u>

SERVICE

DEPTH OF JOB		<u>46.99</u>
PUMP TRUCK CHARGE		<u>2405.00</u>
EXTRA FOOTAGE	@	
MILEAGE <u>1 mi X 2</u>	@	<u>2.00</u>
MANIFOLD <u>bread</u>	@	<u>200.00</u>
Light vehicle mileage <u>11 X 2</u>	@	<u>4.00</u>
TOTAL		<u>2847.00</u>

PLUG & FLOAT EQUIPMENT

TOTAL

SALES TAX (if Any) \_\_\_\_\_

TOTAL CHARGES \_\_\_\_\_

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Shakespear Oil Co, Inc

**Glassman 3-35**

202 W. Main St.  
Salem, IL 62881

**35 12s 32w Logan**

ATTN: Steve Davis

Job Ticket: 042116

**DST#: 1**

Test Start: 2011.04.11 @ 11:46:23

## GENERAL INFORMATION:

Formation: **Lansing D**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:10:53

Time Test Ended: 19:37:08

Test Type: Conventional Bottom Hole

Tester: Bradley

Unit No: Walter

**Interval: 4080.00 ft (KB) To 4100.00 ft (KB) (TVD)**

Reference Elevations: 2984.00 ft (KB)

Total Depth: 4100.00 ft (KB) (TVD)

2975.00 ft (CF)

Hole Diameter: 7.85 inches Hole Condition: Poor

KB to GR/CF: 9.00 ft

**Serial #: 8652 Inside**

Press @ Run Depth: 581.62 psig @ 4081.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.04.11 End Date: 2011.04.11

Last Calib.: 2011.04.11

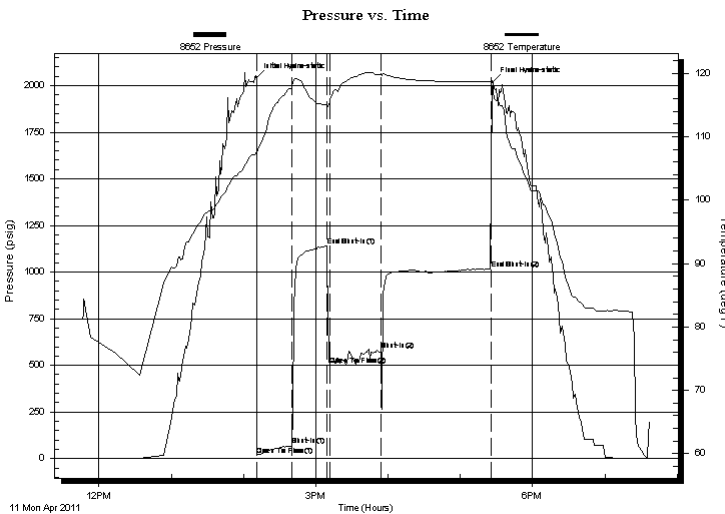
Start Time: 11:46:28 End Time: 19:37:07

Time On Btm: 2011.04.11 @ 14:10:38

Time Off Btm: 2011.04.11 @ 17:26:53

**TEST COMMENT:** IF: BOB @ 18 minutes.  
IS: No return blow.  
FF: BOB @ 27 minutes.  
FS: 2 inches return blow.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2045.61	107.68	Initial Hydro-static
1	17.60	106.38	Open To Flow (1)
30	69.97	117.81	Shut-In(1)
59	1138.63	114.98	End Shut-In(1)
61	501.14	115.36	Open To Flow (2)
104	581.62	119.93	Shut-In(2)
195	1016.75	118.74	End Shut-In(2)
197	2021.77	118.20	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
61.00	gw mco 20g 10w 20m 50o	0.30
61.00	gmco 20g 30m 50o	0.30
78.00	go 25g 75o	0.68
0.00	305 ft GIP	0.00

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Shakespear Oil Co, Inc

**Glassman 3-35**

202 W. Main St.  
Salem, IL 62881

**35 12s 32w Logan**

Job Ticket: 042116

**DST#: 1**

ATTN: Steve Davis

Test Start: 2011.04.11 @ 11:46:23

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

37 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 49.00 sec/qt

Cushion Volume:

bbbl

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

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1300.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
61.00	gw mco 20g 10w 20m 50o	0.300
61.00	gmco 20g 30m 50o	0.300
78.00	go 25g 75o	0.680
0.00	305 ft GIP	0.000

Total Length: 200.00 ft

Total Volume: 1.280 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

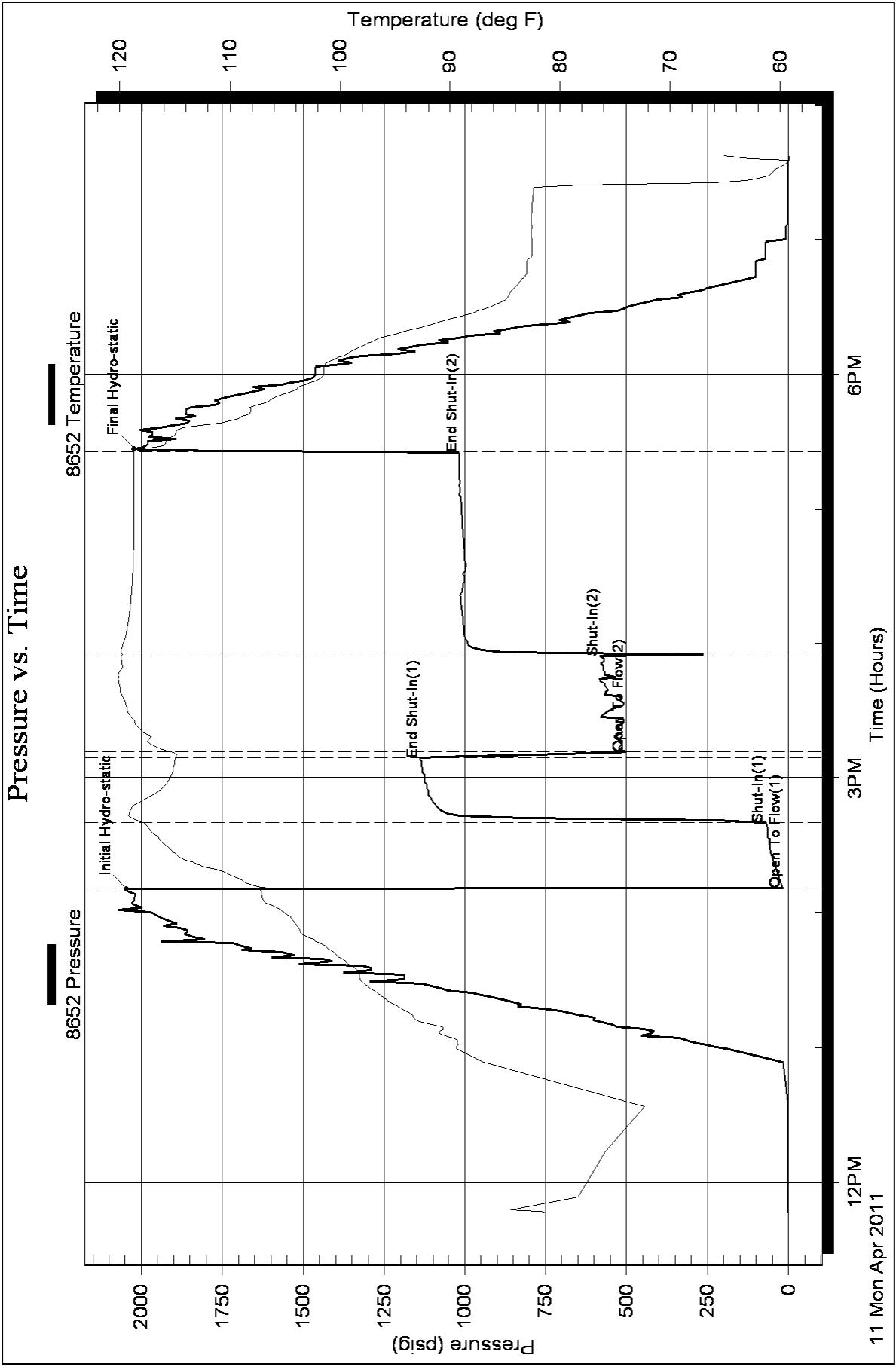
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Shakespear Oil Co, Inc

**Glassman 3-35**

202 W. Main St.  
Salem, IL 62881

**35 12s 32w Logan**

ATTN: Steve Davis

Job Ticket: 042117

**DST#: 2**

Test Start: 2011.04.12 @ 14:29:00

## GENERAL INFORMATION:

Formation: **LKC "I & J"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:05:15

Time Test Ended: 22:10:15

Test Type: Conventional Bottom Hole

Tester: Bradley

Unit No: Walter

**Interval: 4179.00 ft (KB) To 4227.00 ft (KB) (TVD)**

Reference Elevations: 2984.00 ft (KB)

Total Depth: 4227.00 ft (KB) (TVD)

2975.00 ft (CF)

Hole Diameter: 7.85 inches Hole Condition: Poor

KB to GR/CF: 9.00 ft

**Serial #: 8652 Inside**

Press @ Run Depth: 118.89 psig @ 4180.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.04.12

End Date:

2011.04.12

Last Calib.:

2011.04.12

Start Time: 14:29:05

End Time:

22:10:14

Time On Btm:

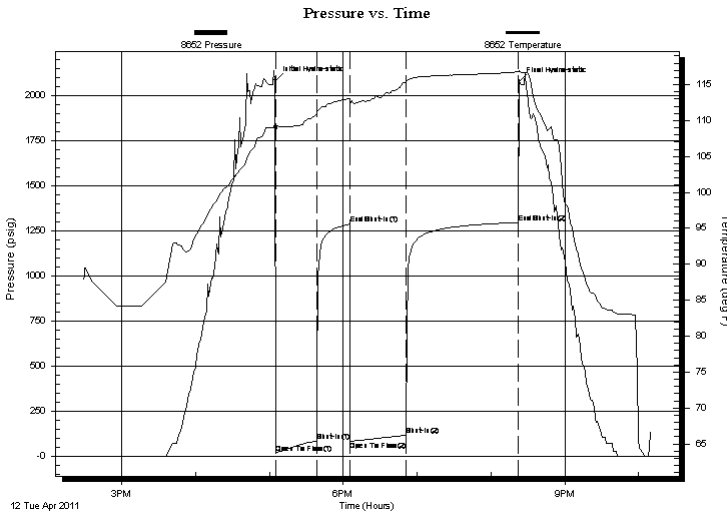
2011.04.12 @ 17:05:00

Time Off Btm:

2011.04.12 @ 20:23:00

**TEST COMMENT:** IF: 3 1/2 inches blow .  
IS: No return blow .  
FF: 2 1/2 inches blow .  
FS: No return blow .

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2084.34	109.58	Initial Hydro-static
1	21.37	108.32	Open To Flow (1)
34	83.80	110.86	Shut-In(1)
61	1287.18	113.08	End Shut-In(1)
61	85.61	112.39	Open To Flow (2)
106	118.89	115.36	Shut-In(2)
197	1296.15	116.78	End Shut-In(2)
198	2077.92	116.88	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
195.00	mcw 50m 50w ( 2 inches oil top)	1.23

## Gas Rates

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





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Shakespear Oil Co, Inc

**Glassman 3-35**

202 W. Main St.  
Salem, IL 62881

**35 12s 32w Logan**

Job Ticket: 042117

**DST#: 2**

ATTN: Steve Davis

Test Start: 2011.04.12 @ 14:29:00

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

56000 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

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

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2200.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
195.00	mcw 50m 50w ( 2 inches oil top)	1.231

Total Length: 195.00 ft      Total Volume: 1.231 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

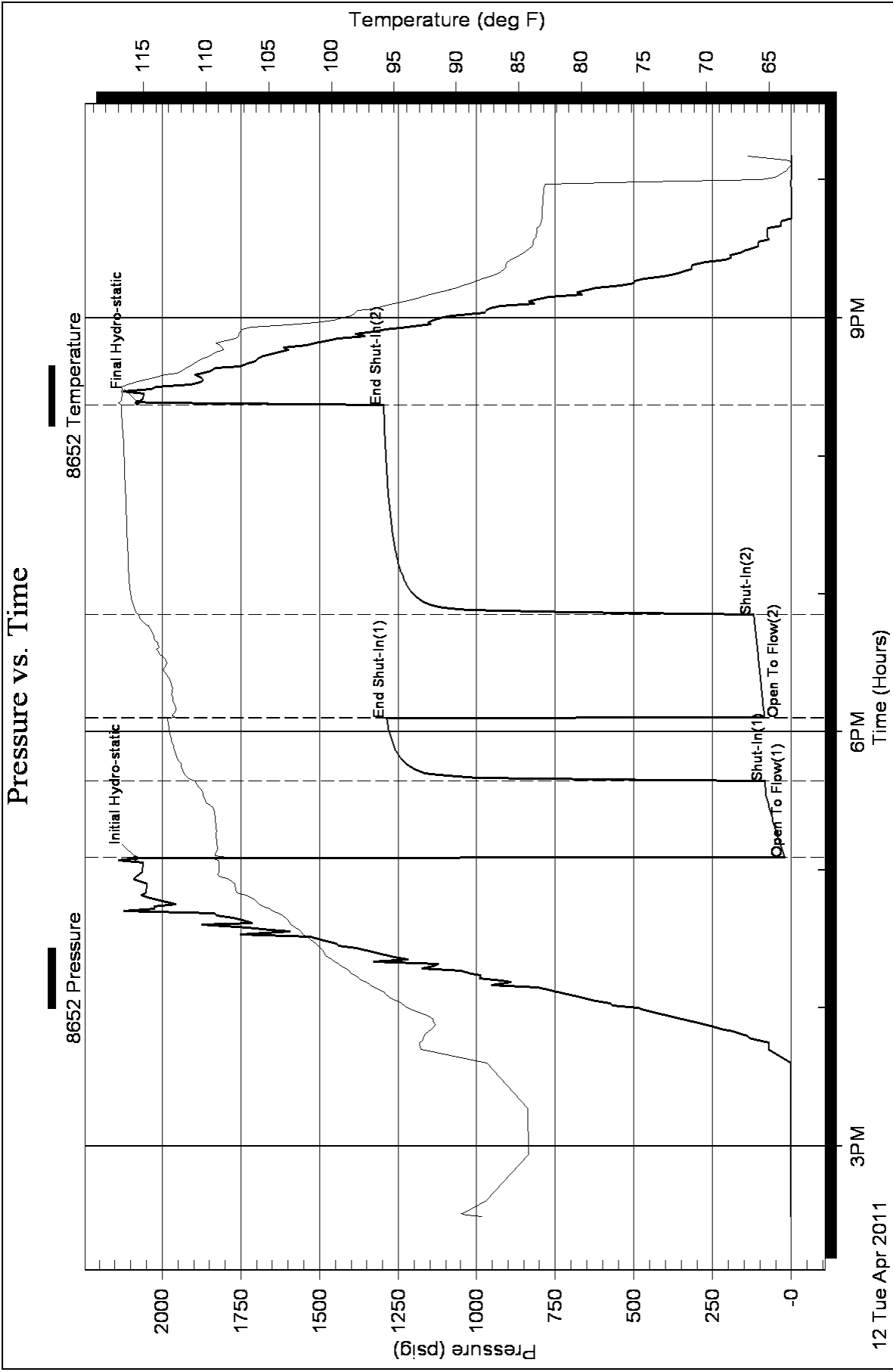
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: rw is .14 @ 69 F = 56000ppm

### Pressure vs. Time





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Shakespear Oil Co, Inc

**Glassman 3-35**

202 W. Main St.  
Salem, IL 62881

**35 12s 32w Logan**

ATTN: Steve Davis

Job Ticket: 042118

**DST#: 3**

Test Start: 2011.04.13 @ 08:00:00

## GENERAL INFORMATION:

Formation: **Lansing K**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:22:15

Time Test Ended: 14:24:30

Test Type: Conventional Bottom Hole

Tester: Bradley

Unit No: Walter

**Interval: 4233.00 ft (KB) To 4264.00 ft (KB) (TVD)**

Reference Elevations: 2984.00 ft (KB)

Total Depth: 4100.00 ft (KB) (TVD)

2975.00 ft (CF)

Hole Diameter: 7.85 inches Hole Condition: Poor

KB to GR/CF: 9.00 ft

**Serial #: 8652 Inside**

Press @ RunDepth: 25.74 psig @ 4234.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.04.13

End Date: 2011.04.13

Last Calib.: 2011.04.13

Start Time: 08:00:05

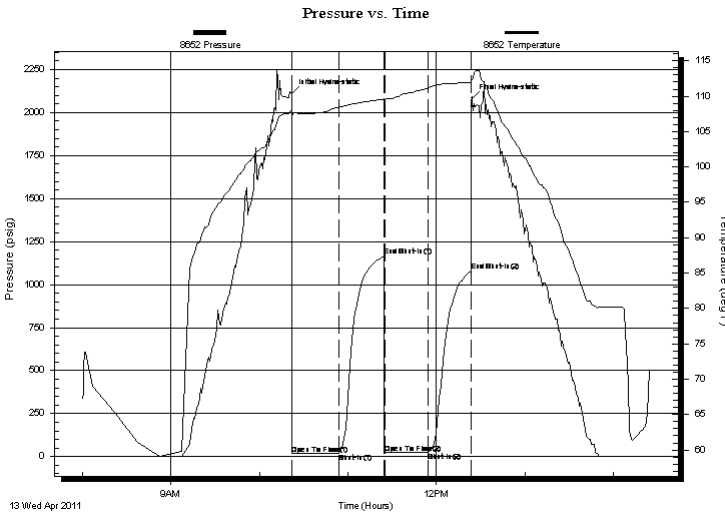
End Time: 14:24:29

Time On Btm: 2011.04.13 @ 10:22:00

Time Off Btm: 2011.04.13 @ 12:24:15

**TEST COMMENT:** IF: Surface blow .  
IS: No return blow .  
FF: No blow .  
FS: No return blow .

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2112.07	107.91	Initial Hydro-static
1	16.57	107.19	Open To Flow (1)
32	21.67	108.45	Shut-In(1)
63	1165.35	109.59	End Shut-In(1)
63	21.55	108.93	Open To Flow (2)
93	25.74	111.16	Shut-In(2)
122	1079.22	111.96	End Shut-In(2)
123	2081.93	112.33	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud 100% <sub>m</sub>	0.05

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Shakespear Oil Co, Inc

**Glassman 3-35**

202 W. Main St.  
Salem, IL 62881

**35 12s 32w Logan**

Job Ticket: 042118

**DST#: 3**

ATTN: Steve Davis

Test Start: 2011.04.13 @ 08:00:00

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2800.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Mud 100%m	0.049

Total Length: 10.00 ft      Total Volume: 0.049 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

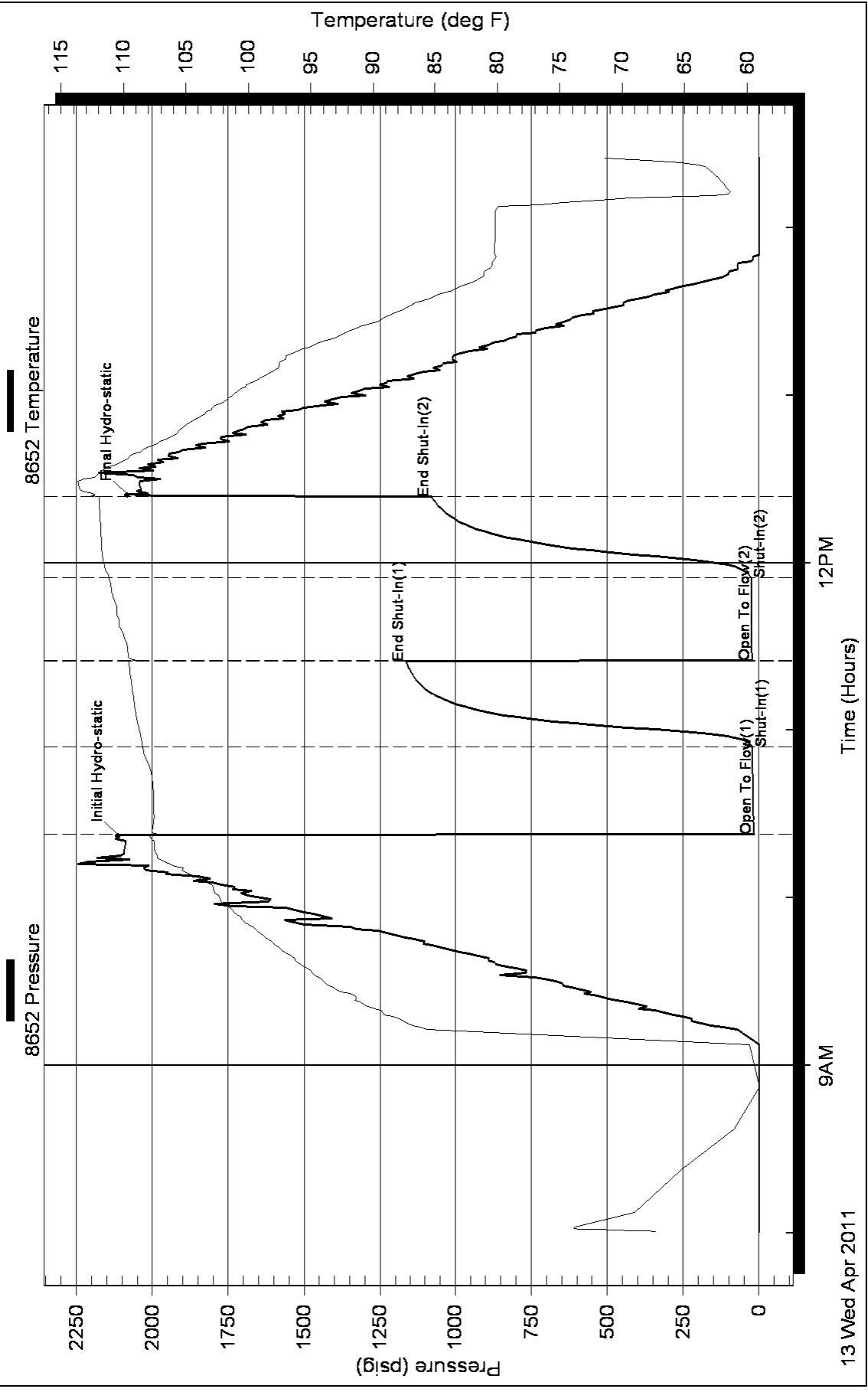
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

# Pressure vs. Time



# 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>GLASSMAN #3-35</u> FIELD <u>UNNAMED</u> LOCATION <u>2200' FSL &amp; 560' FEL</u> SEC <u>35</u> TWSP <u>12S</u> RGE <u>32W</u> COUNTY <u>LOGAN</u> STATE <u>KANSAS</u>	ELEVATIONS KB <u>2976</u> DF _____ GL <u>2966</u> Measurements Are All From <u>KB 2976</u>
CONTRACTOR <u>HD DRILLING, LLC #2</u> SPUD <u>4-5-2011</u> COMP <u>4-15-2011</u> RTD <u>4200</u> LTD <u>4697</u> MUD UP <u>3600</u> TYPE MUD <u>CHEMICAL</u>	CASING SURFACE <u>8 7/8 @ 227'</u> PRODUCTION <u>5 1/2"</u> ELECTRICAL SURVEYS WEATHERFORD; O.I.L., CDL/CNL, M.L. & Sonic

SAMPLES SAVED FROM	<u>3800</u>	TO	<u>RTD</u>
DRILLING TIME KEPT FROM	<u>3750</u>	TO	<u>RTD</u>
SAMPLES EXAMINED FROM	<u>3800</u>	TO	<u>RTD</u>
GEOLOGICAL SUPERVISION FROM	<u>3800</u>	TO	<u>RTD</u>
GEOLOGIST ON WELL	<u>STEVE DAVIS</u>		

FORMATION TOPS	LOG	SAMPLES	
<u>ANNYORITE</u>	<u>2494 482</u>	<u>2493</u>	
<u>BIANNYORITE</u>	<u>2518 458</u>	<u>2517</u>	
<u>HEBNER</u>	<u>3961 985</u>	<u>3966</u>	
<u>CANSING</u>	<u>4006 1030</u>	<u>4007</u>	
<u>MUNCIE CREEK</u>	<u>4149 1173</u>	<u>4153</u>	
<u>STARK</u>	<u>4231 1255</u>	<u>4237</u>	
<u>FORT SCOTT</u>	<u>4493 1517</u>	<u>4496</u>	
<u>CHEROKEE SH.</u>	<u>4516 1540</u>	<u>4520</u>	
<u>WILKINSON ZONE</u>	<u>4560 1584</u>	<u>4563</u>	
<u>MISSISSIPPI</u>	<u>4611 1635</u>	<u>4613</u>	

API# 15-109-20971







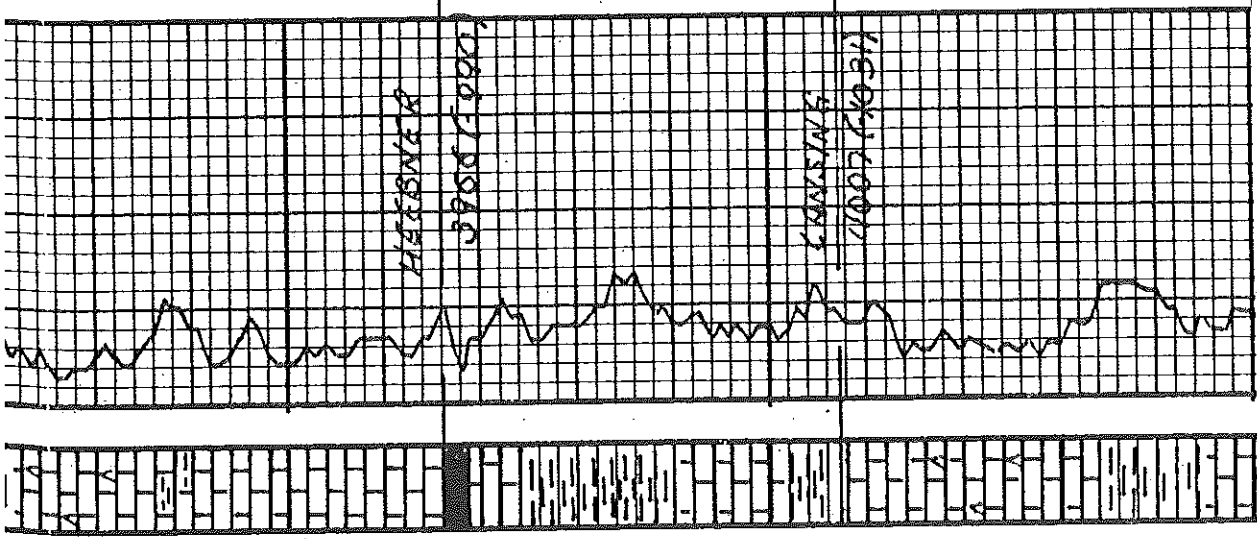


LS tan - gray v. l. silty base fine shaly part of S.S. & shaly white - gray - gray	LS tan - gray v. l. silty base dense shaly	LS sh. & abrad shale crust gray - green	LS sh. white, tan shaly part. mass l.p. material S.S.	shale black carb	LS tan - gray white silty base dense shaly	shale gray black crust & green shale silty	LS sh. white - gray base shaly base shaly part p. base material S.S. & E.O.	shale green - black	LS white - gray shaly silty part of f.p. 100% & f.p. material S.S. & shaly part base shaly dk str shaly white	shale green, gray & black	LS sh. tan - gray shaly part base shaly part of material same
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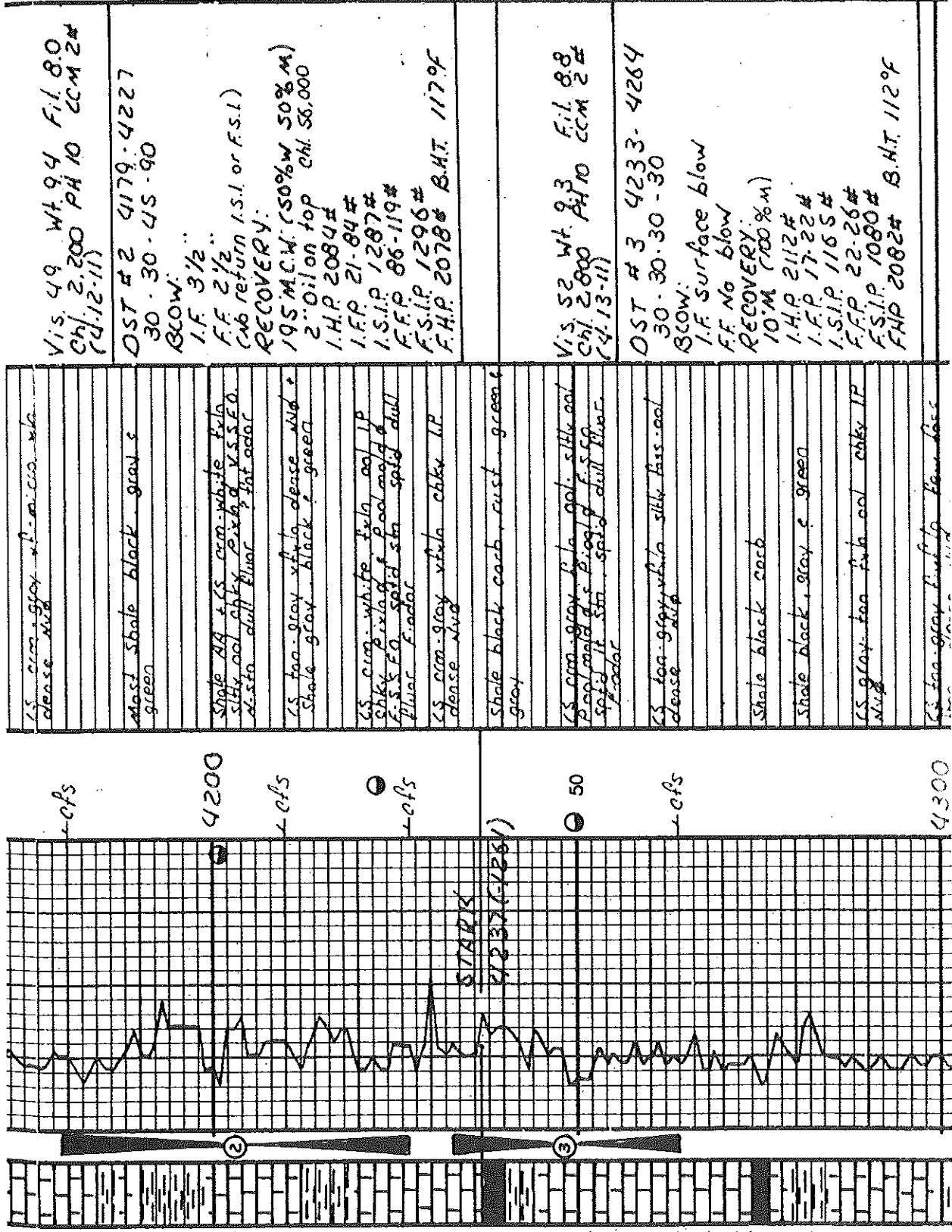
50

4000

50







Vis. 49 Wt. 94 Fil. 8.0  
Chl. 2,200 PH 10 CCM 2#  
(D. 12-11)

DST # 2 4179-4227  
30-30-45-90

BLOW:  
I.F. 3 1/2"  
F.F. 2 1/2"  
CWB return I.S.I. or F.S.I.

RECOVERY:  
195 M.C.W. (50% W 50% M)

2" Oil on top Chl. 58,000  
I.H.P. 2084#  
I.F.P. 21-84#  
I.S.I.P. 1287#  
F.F.P. 86-119#  
F.S.I.P. 1296#  
F.H.P. 2078# B.H.T. 117.9F

Vis. 52 Wt. 93 Fil. 8.8  
Chl. 2,800 PH 10 CCM 2#  
(4-13-11)

DST # 3 4233-4264  
30-30-30-30

BLOW:  
I.F. Surface blow  
FF No blow

RECOVERY:  
10% M (100% M)

I.H.P. 2112#  
I.F.P. 17-22#  
I.S.I.P. 1165#  
F.F.P. 22-26#  
F.S.I.P. 1080#  
F.H.P. 2082# B.H.T. 112.9F

Most shale black gray green

Shale tan gray white dense and green  
Shale gray black green

Shale black carb. rust green gray

Shale gray white tan oil IP  
Shale black carb.

Shale black gray green

Shale gray tan tan oil chky IP

4200

4200

4200

4200

50

4200

4300

STARTS

4237(-1281)











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 15-109-20971-00-00  
Glassman 3-35  
SE/4 Sec.35-12S-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