

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1

June 2009

Form Must Be Typed

Form must be Signed

All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

3/15/13

OPERATOR: License # 7311
Name: Shakespeare Oil Company, Inc.
Address 1: 202 West Main Street
Address 2:
City: Salem State: IL Zip: 62881 +
Contact Person: Donald R. Williams
Phone: (618) 548-1585
CONTRACTOR: License # 33935
Name: HD Drilling, LLC
Wellsite Geologist: Tim Priest
Purchaser: NCRA

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Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SLOW
- 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 #:

12/9/10 12/21/10 1/17/11
Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - 171-20790 -6000

Spot Description:

NW SE NW NW Sec. 16 Twp. 16 S. R. 34 East West

780 Feet from North / South Line of Section

815 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: Scott

Lease Name: Janzen Well #: 1-16

Field Name: Wildcat

Producing Formation: Johnson

Elevation: Ground: 3139' Kelly Bushing: 3149'

Total Depth: 4880' Plug Back Total Depth: 4818'

Amount of Surface Pipe Set and Cemented at: 353' Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: 2451' Feet

If Alternate II completion, cement circulated from: 2451'

feet depth to: surface w/ 260 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 6500 ppm Fluid volume: 2500 bbls

Dewatering method used: Evaporation

Location of fluid disposal if hauled offsite:

Operator Name:

Lease Name: License #:

Quarter Sec. Twp. S. R. East West

County: Permit #:

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature: Donald R. Williams

Title: Vice President Date: 3/15/11

KCC Office Use ONLY

- Letter of Confidentiality Received Date: 3/15/11 - 3/15/13
- Confidential Release Date:
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: NS Date: 3-31-11

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Operator Name: Shakespeare Oil Company, Inc. Lease Name: Janzen Well #: 1-16
 Sec. 16 Twp. 16 S. R. 34 East West County: Scott

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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: Array Ind/SP/GR, CNL/CDL/GR/CAL/ML, Sonic	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum See Geological Report
--	---

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
Surface	12 1/4"	8 5/8"	23#	353'	Class A	240	2% gel, 3% CaCl
Production	7 7/8"	4 1/2"	11.6#	4876'	ASC	175	5#sx gilsonite & 3/4% CD-31

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input checked="" type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	2451'-0'	SMD	260	1/4#/sk flocele

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
4	Johnson	250 gal 15% NEFe	4690-93 & 4702-10
4	Johnson	500 gal 15% NEFe	4690-93 & 4702-10

TUBING RECORD: Size: <u>2 3/8"</u> Set At: <u>4812'</u> Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. <u>1/17/11</u>		Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____	
Estimated Production Per 24 Hours	Oil Bbls. <u>15</u>	Gas Mcf <u>40</u>	Water Bbls. Gas-Oil Ratio Gravity <u>30</u>

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input checked="" type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" 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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PO BOX 31 Russell, KS 67665

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

INVOICE

Invoice Number: 125583
Invoice Date: Dec 9, 2010
Page: 1

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

file
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Customer ID	Well Name# or Customer P.O.	Payment Terms	
Shak	Janzen #1-16	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Oakley	Dec 9, 2010	1/8/11

Quantity	Item	Description	Unit Price	Amount
240.00	MAT	Class A Common	15.45	3,708.00
5.00	MAT	Gel	20.80	104.00
8.00	MAT	Chloride	58.20	465.60
253.00	SER	Handling	2.40	607.20
45.00	SER	Mileage 253 sx @ .10 per sk per mi	25.30	1,138.50
1.00	SER	Surface	1,018.00	1,018.00
45.00	SER	Pump Truck Mileage	7.00	315.00

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DEC 20 2010

Subtotal	7,356.30
Sales Tax	312.26
Total Invoice Amount	7,668.56
Payment/Credit Applied	
TOTAL	7,668.56

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

\$ 1471.26

ONLY IF PAID ON OR BEFORE
Jan 3, 2011

ALLIED CEMENTING CO., LLC. 040786

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

SERVICE POINT: Orleans

DATE <u>12-9-10</u>	SEC. <u>16</u>	TWP. <u>16</u>	RANGE <u>39</u>	CALLED OUT	ON LOCATION <u>7:00 pm</u>	JOB START <u>2:30am</u>	JOB FINISH <u>3:00pm</u>
LEASE <u>Tanzen</u>	WELL# <u>1-16</u>	LOCATION <u>Pence 1w- 3/4 n ew</u>			COUNTY <u>Scott</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR H-D #2

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D.

CASING SIZE 8 5/8 DEPTH

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT

OWNER

CEMENT

AMOUNT ORDERED 240 com 370cc

290 gel

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COMMON	<u>240</u>	@ <u>15.45</u>	<u>3708.00</u>
POZMIX		@	
GEL	<u>5</u>	@ <u>20.80</u>	<u>104.00</u>
CHLORIDE	<u>8</u>	@ <u>58.20</u>	<u>465.60</u>
ASC		@	

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HANDLING	<u>253</u>	@ <u>2.40</u>	<u>607.20</u>
MILEAGE	<u>11045 km</u>		<u>1138.30</u>
TOTAL			<u>6023.50</u>

EQUIPMENT

PUMP TRUCK CEMENTER Fuzzy

431 HELPER Kelly

BULK TRUCK

DRIVER Jerry

BULK TRUCK

DRIVER

REMARKS:

cement did circulate

Job complete @ 3:00am

Thanks Fuzzy & crew

SERVICE

DEPTH OF JOB			
PUMP TRUCK CHARGE			<u>1018.00</u>
EXTRA FOOTAGE	<u>56</u>	@ <u>1.89</u>	<u>W/C</u>
MILEAGE	<u>45</u>	@ <u>7.00</u>	<u>315.00</u>
MANIFOLD		@	

TOTAL 1333.00

CHARGE TO: Shobespence

STREET

CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	

TOTAL

SALES TAX (If Any)

TOTAL CHARGES

DISCOUNT IF PAID IN 30 DAYS

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 Brad Roberts

SIGNATURE Brad Roberts



PO BOX 31 Russell, KS 67665

Voice: (785) 483-3887

Fax: (785) 483-5566

INVOICE

Invoice Number: 125717

Invoice Date: Dec 22, 2010

Page: 1

Bill To:

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

file

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Customer ID	Well Name# or Customer P.O.	Payment Terms	
Shak	Jansen #1-6	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-04	Oakley	Dec 22, 2010	1/21/11

Quantity	Item	Description	Unit Price	Amount
205.00	MAT	ASC Class A	18.60	3,813.00
1,025.00	MAT	Gilsonite	0.89	912.25
51.00	MAT	Flo Seal	2.50	127.50
145.00	MAT	CDE-31	9.35	1,355.75
500.00	MAT	WFR-2	1.27	635.00
235.00	SER	Handling	2.40	564.00
45.00	SER	Mileage 235 sx @.10 per sk per mi	23.50	1,057.50
1.00	SER	Port Collar Longstring	2,185.00	2,185.00
45.00	SER	Pump Truck Mileage	7.00	315.00

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Subtotal	10,965.00
Sales Tax	499.58
Total Invoice Amount	11,464.58
Payment/Credit Applied	
TOTAL	11,464.58

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

\$ 2195.00

ONLY IF PAID ON OR BEFORE
Jan 16, 2011

ALLIED CEMENTING CO., LLC. 035533

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

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SERVICE POINT:

Daklog K

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DATE <i>2/28/10</i>	SEC. <i>16</i>	TWP. <i>16</i>	RANGE <i>34</i>	CALLED OUT	ON LOCATION	JOB START <i>3:30</i>	JOB FINISH <i>4:30</i>
LEASE <i>Don ren</i>	WELL # <i>A-16</i>	LOCATION <i>Pence 1W N4 E into</i>			COUNTY <i>Scott</i>	STATE <i>K</i>	
OLD OR NEW (Circle one)						RECEIVED	

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CONTRACTOR *HO #2*

TYPE OF JOB _____

HOLE SIZE _____ T.D. _____

CASING SIZE *4 1/2* U.B. DEPTH *4876.58*

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL *Part collar* DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT *46.35*

CEMENT LEFT IN CSG. *46.35*

PERFS. _____

DISPLACEMENT *BAL H2O*

OWNER *Same*

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CEMENT

AMOUNT ORDERED *205 SKI ASC 27 gal*

5# Gilsonite 1/4 lb FloSeal

3/4 L 190 CD 31, 500 gal WFR II

EQUIPMENT

PUMP TRUCK CEMENTER *Alan*

412 HELPER *Wayne*

BULK TRUCK

378 DRIVER *Kevin - Russell*

BULK TRUCK

_____ DRIVER _____

COMMON	@	_____
POZMIX	@	_____
GEL	@	_____
CHLORIDE	@	_____
ASC <i>205</i>	@	<i>1800 3813</i>
<i>Gilsonite 1025 lb</i>	@	<i>1.89 912.25</i>
<i>FloSeal 51</i>	@	<i>2.30 1173.50</i>
<i>CD 31 - 145 lb</i>	@	<i>9.25 1355.25</i>
<i>500 gal WFR II</i>	@	<i>1.22 635.00</i>
HANDLING <i>235 SKI</i>	@	<i>2.40 564.00</i>
MILEAGE <i>104 SK/mile</i>	@	<i>1057.50</i>
TOTAL		<i>8465.00</i>

REMARKS:

Run 4 1/2 Cas Circulate Pump 5 Hr 0 mix 500 gal WFR II. Trail w/ 15' BAL H2O. Mix 30 SKI. Run 1 Hr. Mix 125 SKI ASC. Run 4 1/2 Hr. Wash Tank & area, Displace Plug to catch down w/ plug. Run 800 PSI lift. Small plug @ 1700 PSI. Plug held.

Thank you Alan, Wayne

SERVICE

DEPTH OF JOB	_____	<i>4876</i>
PUMP TRUCK CHARGE	_____	<i>2185.00</i>
EXTRA FOOTAGE	@	_____
MILEAGE <i>45</i>	@	<i>2.00 315.00</i>
MANIFOLD	@	_____
TOTAL		<i>2500.00</i>

CHARGE TO: *Shakespeare*

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

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

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 *Doug Roberts*

SIGNATURE *Doug Robert*

Shakespeare Oil Company, Inc.
Janzen #1-16
7800'FNL, 815'FWL, NW/4, Sec. 16-16S-34W
Scott County, KS
API# 15-171-20790
EGL 3139'; EKB 3149'

Summary of Well Information

Spud Date/Finish Date: 12/09/2010 - 12/22/2010
Field: Wildcat
Drilling Contractor/Rig No: HD Drilling Co./ Rig #2
Total Depth: DTD 4880'; LTD 4876'
Surface Casing: 8 5/8", 23# set at 353', cmt'd with 240 sacks
Production casing: New MPW 4 1/2", 11.6# set at 4876', cmt'd w/175 sx
Drill Time Kept: 3800' to 4880'
Samples Examined: 3800' to 4880'
Prospect Geologist: Shakespeare Staff
Wellsite Geologist: Tim Priest
Drill Stem Test Co./Tester: Trilobite Testing/Brett Dickinson, Brandon Turley
Number of Tests: 7
Core Company/Core Man: N/A
Mud Company/Engineer: MudCo. / Reid Atkins
Mud Type: Chemical
Logging Company: Weatherford Wireline Services
Logs Ran: Array Ind/SP/GR, CN/CD/GR/CAL/ ML, Sonic
Total Depth Formation: Mississippian Ls.
Samples: Saved from 3800'-4880'
Well Status: WOC, 12/22/10 to test Johnson & Marmaton

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SHAKESPEARE OIL COMPANY, INC.

Janzen #1-16

Timber Canyon Prospect

780' FNL 815' FWL NW/4, Sec. 16-16S-34W

Scott Co., KS

API# 15-171-20790; EGL 3139'; EKB 3149'

GEOLOGICAL SUMMARY

Spud Date: 12/09/2010
 Completion Date: 12/22/2010
 Drilling Contractor: HD Drilling Rig #2
 Wellsite Geologist: Tim Priest
 Geological Tops: * All tops picked from Weatherford Wireline logs. *

<u>Formation</u>	<u>Top</u>	<u>Base</u>	<u>Comments</u>
Stone Corral Anhy	2468' +681'	2485' +664'	
Stotler	3621' -472'		
Topeka	3822' -673'		
Heebner Shale	3986' -837'	3989' -840'	
Toronto	4001' -852'		
Lansing	4028' -879'		
Muncie Creek Sh	4213' -1064'	4216' -1067'	
LKC-"H"	4223' -1074'		
LKC-"I"	4259' -1110'		sso DST #1
LKC-"J"	4284' -1135'		sso DST #2
Stark Shale	4306' -1157'	4308' -1159'	
LKC-"K"	4315' -1166'		sso DST #3
Hushpuckney Sh	4353' -1204'	4356' -1207'	
LKC-"L"	4362' -1213'		
BKC	4403' -1254'		
Marmaton	4454' -1305'		so DST #4,5
Pawnee	4523' -1374'		(sso DST #6
Myric Station	4567' -1418'		(
Fort Scott	4576' -1427'		(
L. Cherokee Sh	4604' -1455'	4608' -1459'	
Johnson	4647' -1498'		so DST #7
Morrow Shale	4724' -1575'		
Morrow Ss	4766' -1617'	4474' -1625'	
Mississippian	4774' -1625'		
DTD	4880' -1731'		
LTD	4876' -1727'		

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DST #1: LKC "I" 4250'-4284' 30-30-30-30. Rec'd 5' OSM. IF: weak blow died in 26 min - no return, FF: no blow - no return, IFP 14-16#, FFP 15-16#, ISIP 428#, FSIP 395#, BHT = 105⁰ F.

DST #2: 2 LKC "J" 4287'-4310' 30-30-45-90. Rec'd 130' OSMCW (80% wtr, 20% mud) & 500' SW. IF: BOB in 18 min – very weak surface blow died in 12 min, FF: BOB in 19 min – very weak surface blow died in 37 min, IFP 19-138#, FFP 142-261#, ISIP 1228#, FSIP 1229#, BHT = 118⁰ F, chlorides = 75,000 ppm.

DST #3: 3 LKC "K" 4309'-4340' 10-30-30-60. Rec'd 120' OSMCW (60% wtr, 40% mud), 240' OSMCW (85% wtr, 15% mud) & 870' SW. IF: BOB in 3 min – very weak surface blow, FF: BOB in 3 ½ min – no return, IFP 73-221#, FFP 237-572#, ISIP 1257#, FSIP 1251#, BHT = 117⁰ F, chlorides = 88,000 ppm.

DST #4: Marmaton – Myrick Station 4464'-4580'. Misrun – packer failure.

DST #5: Marmaton – Myrick Station 4462'-4580'. Misrun – packer failure.

DST #6: Pawnee – Ft. Scott 4518'-4612' 30-30-30-30. Rec'd 10' mud. IF: weak blow died in 15 min – no return, FF: no blow – no return, IFP 15-18#, FFP 18-19#, ISIP 60#, FSIP 41#, BHT = 104⁰ F.

DST #7: Johnson 4650'-4730' 30-30-60-90. Rec'd 465' GIP, 155' GOCM (10% gas, 10% oil, 80% mud), 124' GOCM (20% gas, 30% oil, 50% mud), 186' GOCM (20% gas, 35% oil, 45% mud), 124' MCW (70% wtr, 30% mud) & 62' MCW (80% wtr, 20% mud), TF 651'. IF: weak blow built to 3" – no return, FF: BOB in 18 min then decreased to 1" – no return (the nipple connected to the hose was cracked and may have affected the blows), IFP 36-166#, FFP 169-284#, ISIP 1175#, FSIP 1172#, BHT = 118⁰ F, chlorides = 23,000 ppm.

Logs: Weatherford – Array Induction/SP/GR, CD/CN/ML/GR, Sonic. LTD 4876'.

After careful log examination and DST evaluation, it was decided that with the Johnson porosity breaks from 4690-92' and 4702-10' should be productive. Also, an Upper Marmaton break was noted on the logs from 4474'-4478' that showed 50+ ohms resistivity, 12-14% density/neutron porosity, and good microlog. It was determined that this zone along with the Johnson porosity breaks warranted a completion attempt, and an election letter was sent out to run 4 ½" casing.

Status: Set 4 ½" csg. at 4876' to test the Johnson and Marmaton porosity breaks, PD 4:15 am 12/22/2010. WOC.

Respectfully submitted,

Dale K. Helpingstine
Geologist, IL#196-000596

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SWIFT



Services, Inc.

P. O. Box 466
Ness City, KS 67560
Off: 785-798-2300



Invoice

DATE	INVOICE #
1/5/2011	19275

BILL TO
Shakespeare Oil Company, Inc 202 West Main Street Salem, IL 62881

- Acidizing
- Cement
- Tool Rental

file

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#1-16	Janzen	Scott	Wild West Well S...	Oil	Development	Port Collar	Dave

PRICE REF.	DESCRIPTION	QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way	80	Miles	5.00	400.00
576D-D	Pump Charge - Port Collar	1	Job	1,100.00	1,100.00
275	Cotton Seed Hulls	1	Sack(s)	25.00	25.00T
288	Sand (20/40 Brady)	1	Sack(s)	22.00	22.00T
290	D-Air	2	Gallon(s)	35.00	70.00T
330	Swift Multi-Density Standard (MIDCON II)	260	Sacks	15.00	3,900.00T
276	Flocele	100	Lb(s)	1.50	150.00T
581D	Service Charge Cement	360	Sacks	1.50	540.00
583D	Drayage	1,438.24	Ton Miles	1.00	1,438.24
	Subtotal				7,645.24
	Sales Tax Scott County			8.30%	345.86

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JAN 10 2011

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MAR 17 2011

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<p>Thank You For Your Business In 2010! We Look Forward To Serving You In 2011!</p>	<p>Total \$7,991.10</p>
---	--------------------------------



CHARGE TO: SHAMESPEARE OIL
 ADDRESS:
 CITY, STATE, ZIP CODE:

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 MAR 17 2011
 KCC WICHITA

TICKET
 19275

PAGE 1 OF 1

SERVICE LOCATIONS
 1. HAYS
 2. NESS
 3.
 4. OIL

WELL/PROJECT NO. 1-16
 LEASE JANZEN
 COUNTY/PARISH SCOTT
 STATE MO
 DATE 01-05-11
 OWNER

TICKET TYPE SERVICE SALES
 CONTRACTOR
 RIG NAME/NO. WINDWEST WELLS
 SHIPPED VIA CT
 DELIVERED TO 1740 1/2 N PENNEX W
 ORDER NO.
 WELL TYPE OIL
 WELL CATEGORY DEVELOP
 JOB PURPOSE PORT CANAL
 WELL PERMIT NO.
 WELL LOCATION

REFERRAL LOCATION
 INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT	
		LOC	ACCT	DF								
575		1			MILEAGE #112	80		MI		5.00	400	00
576-J		1			Pump SERVICE	1		EA		1100.00	1100	00
225		1			COTTON SEED HULLS	1		EA		25.00	25	00
288		1			20-40 SAND	1		SF		22.00	22	00
290		1			DAIL	2		GA		35.00	70	00
330		2			SMO CMT	260		SH		15.00	3900	00
276		2			FLOCELE	100		LB		1.50	150	00
581		2			SERVICE CHG CMT	360		SH		1.50	540	00
583		2			DRAVAGE	1438.24		TM		1.00	1438	24

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY** provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

X
 DATE SIGNED 01-05-11
 TIME SIGNED 1:35
 A.M.
 P.M.

REMIT PAYMENT TO:

SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				7645 24
WE UNDERSTOOD AND MET YOUR NEEDS?				
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				Scott TAX 8.3% 345 86
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				TOTAL 7991 10
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

SWIFT OPERATOR [Signature] APPROVAL

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 01-05-11 PAGE NO. 1

CUSTOMER SHAWES PEARE OIL WELL NO. 1-16 LEASE JANZEN JOB TYPE POINT COAL TICKET NO. 19225

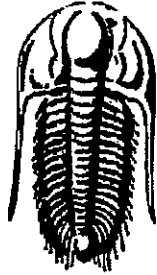
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1315							DRILLING
								CMT: 360 SMD 1/4" P2 2 3/8" x 4 1/2" RBP 4060, P.C @ 2451
	1335		72		✓			ROCK OIL OUT OF HOLE
	1450			✓	-	1000	1000	PSI TEST
	1500		150	✓				PSI TEST SPOT SAND TEST PULL UP TO PC OPEN PC
	1550	3.0	3.0	✓		600		INITIATE CLEAN BLOW
	1550	4.5	0	✓		700		START CMT W/ HUES 1SK
			15.0	✓				CIRC MUD
			13.3	✓				CIRC CMT TO PIT MIX 2050 @ 14"
			13.9	✓				END CMT
	1625		8.5	✓		900		DISP CLOSE PC
	1630			✓	-	1000	1000	PSI TEST
								RUN IN 3 JOINS
	1635	4.0	30	✓				REV. OUT
								RUN IN TO RBP
	1720	4.0	0	✓		300		REV OFF SAND
			20	-				SAND
	1735		45	-				END
								PULL 2 JOINS
	1800							JOB COMPLETE

KCC
MAR 15 2011
CONFIDENTIAL

THANK YOU!
DAVE JENSEN, RSB

RECEIVED
MAR 17 2011

KCC WICHITA



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Shakespeare Oil Co.**

202 W. Main
Salem, IL 62881

ATTN: Tim Priest

16,16,34,Scott,KS

Janzen 1-16

Start Date: 2010.12.15 @ 18:03:34

End Date: 2010.12.16 @ 01:19:04

Job Ticket #: 41342 DST #: 1

**KCC
MAR 15 2011
CONFIDENTIAL**

**RECEIVED
MAR 17 2011
KCC WICHITA**

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Shakespeare Oil Co.

Janzen 1-16

16,16,34,Scott,KS

DST # 1

KC"

2010.12.15



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Shakespeare Oil Co.

Janzen 1-16

202 W. Main
Salem, IL 62881

16,16,34,Scott,KS

ATTN: Tim Priest

Job Ticket: 41342

DST#: 1

Test Start: 2010.12.15 @ 18:03:34

GENERAL INFORMATION:

Formation: **KC"1"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:14:04

Time Test Ended: 01:19:04

Test Type: Conventional Bottom Hole

Tester: Brett Dickinson

Unit No: 47

Interval: **4250.00 ft (KB) To 4284.00 ft (KB) (TVD)**

Total Depth: **4284.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: Fair

Reference Elevations: **3149.00 ft (KB)**

3139.00 ft (CF)

KB to GR/CF: **10.00 ft**

Serial #: 8319 Outside

Press@RunDepth: **16.11 psig @ 4251.00 ft (KB)**

Start Date: **2010.12.15**

End Date: **2010.12.16**

Start Time: **18:03:39**

End Time: **01:19:03**

Capacity: **8000.00 psig**

Last Calib.: **2010.12.16**

Time On Btm: **2010.12.15 @ 21:11:04**

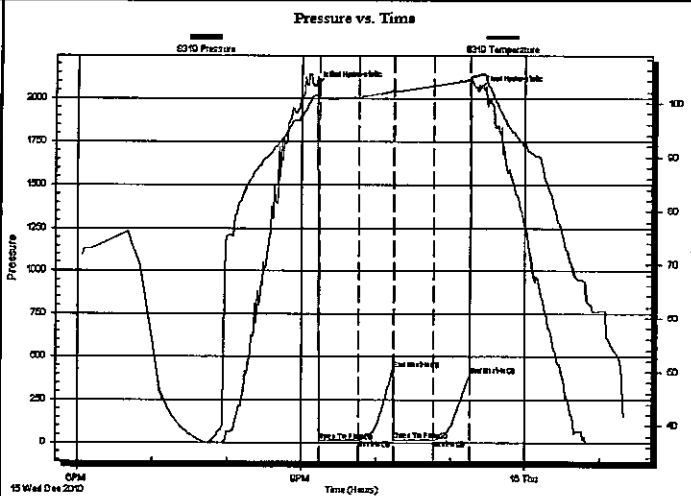
Time Off Btm: **2010.12.15 @ 23:22:04**

TEST COMMENT: IF-very weak surface blow died in 26 min

IS-No blow

FF-No blow

FSI-No blow



PRESSURE SUMMARY

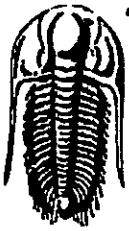
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2072.13	101.37	Initial Hydro-static
3	14.17	100.80	Open To Flow (1)
35	16.03	101.08	Shut-In(1)
63	427.72	102.27	End Shut-In(1)
63	15.23	102.10	Open To Flow (2)
95	16.11	103.22	Shut-In(2)
124	394.57	104.29	End Shut-In(2)
131	2046.19	105.06	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Oil spotted mud	0.02

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Shakespeare Oil Co.

Janzen 1-16

202 W. Main
Salem, IL 62881

16, 16, 34, Scott, KS

Job Ticket: 41342

DST#: 1

ATTN: Tim Priest

Test Start: 2010.12.15 @ 18:03:34

Tool Information

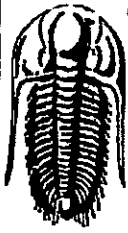
Drill Pipe:	Length: 4135.00 ft	Diameter: 3.80 inches	Volume: 58.00 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 2.70 inches	Volume: - bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 80000.00 lb
		Total Volume:	- bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 68000.00 lb
Depth to Top Packer:	4250.00 ft			Final 68000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	34.00 ft			
Tool Length:	57.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4228.00	
Shut In Tool	5.00			4233.00	
Hydraulic tool	5.00			4238.00	
Safety Joint	2.00			4240.00	
Packer	5.00			4245.00	23.00 Bottom Of Top Packer
Packer	5.00			4250.00	
Stubb	1.00			4251.00	
Recorder	0.00	6719	Inside	4251.00	
Recorder	0.00	8319	Outside	4251.00	
Perforations	30.00			4281.00	
Bullnose	3.00			4284.00	34.00 Bottom Packers & Anchor

Total Tool Length: 57.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespeare Oil Co.

Janzen 1-16

202 W. Main
Salem, IL 62881

16,16,34,Scott,KS

ATTN: Tim Priest

Job Ticket: 41342

DST#: 1

Test Start: 2010.12.15 @ 18:03:34

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil APt:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 52.00 sec/qt	Cushion Volume: bbl		
Water Loss: in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

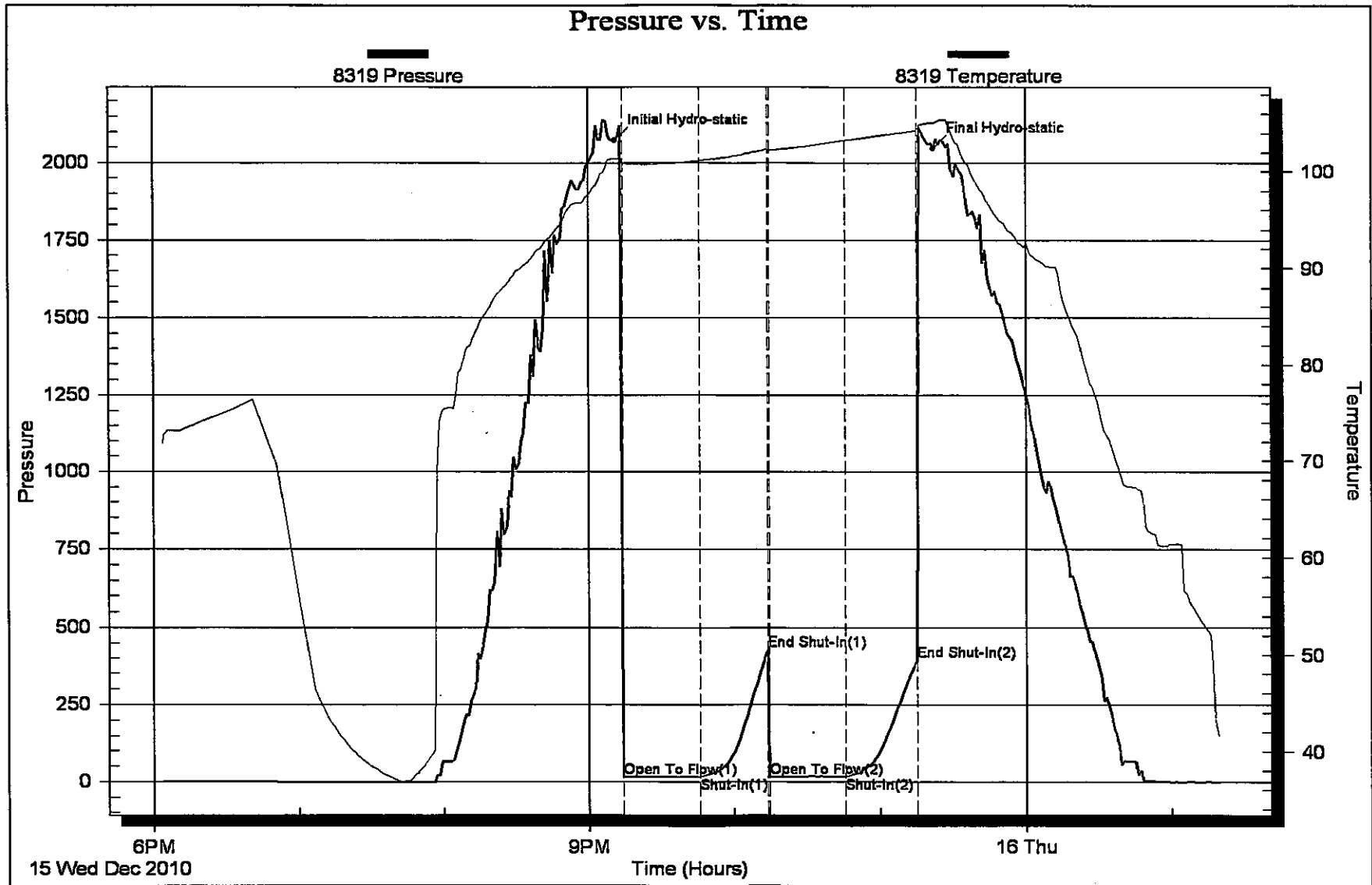
Length ft	Description	Volume bbl
5.00	Oil spotted mud	0.025

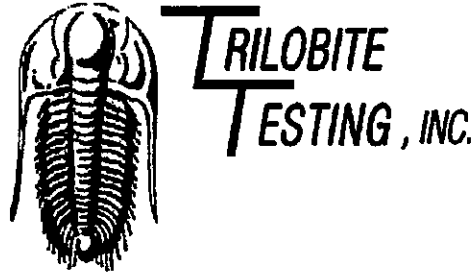
Total Length: 5.00 ft Total Volume: 0.025 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:





DRILL STEM TEST REPORT

Prepared For: **Shakespeare Oil Co.**

202 W. Main
Salem, IL 62881

ATTN: Tim Priest

16,16,34,Scott,KS

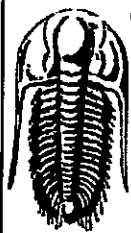
Janzen 1-16

Start Date: 2010.12.16 @ 08:50:23

End Date: 2010.12.16 @ 16:36:53

Job Ticket #: 41343 DST #: 2

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Shakespeare Oil Co.

202 W. Main
Salem, IL 62881

ATTN: Tim Priest

Janzen 1-16

16,16,34,Scott,KS

Job Ticket: 41343

DST#: 2

Test Start: 2010.12.16 @ 08:50:23

GENERAL INFORMATION:

Formation: **KC "J"**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: **11:21:23**

Time Test Ended: **16:36:53**

Test Type: **Conventional Bottom Hole**

Tester: **Brett Dickinson**

Unit No: **47**

Interval: **4287.00 ft (KB) To 4310.00 ft (KB) (TVD)**

Total Depth: **4310.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **3149.00 ft (KB)**

3139.00 ft (CF)

KB to GR/CF: **10.00 ft**

Serial #: **8319**

Outside

Press@RunDepth: **261.45 psig @ 4288.00 ft (KB)**

Start Date: **2010.12.16**

End Date:

2010.12.16

Start Time: **08:50:28**

End Time:

16:36:52

Capacity: **8000.00 psig**

Last Calib.: **2010.12.16**

Time On Btm: **2010.12.16 @ 11:20:53**

Time Off Btm: **2010.12.16 @ 14:37:53**

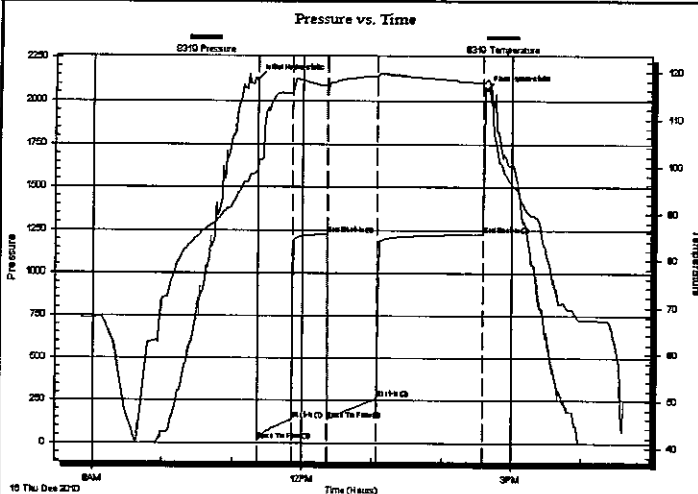
TEST COMMENT:

IF-BOB in 18 min

IS-Very weak surface blow died in 12 min

FF-BOB in 19 min

FSI-Very weak surface blow died in 37 min



PRESSURE SUMMARY

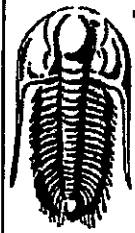
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2128.60	99.17	Initial Hydro-static
1	19.47	99.49	Open To Flow (1)
30	138.29	115.51	Shut-In(1)
61	1228.36	116.96	End Shut-In(1)
61	141.63	116.54	Open To Flow (2)
104	261.45	118.89	Shut-In(2)
195	1228.59	117.66	End Shut-In(2)
197	2065.20	118.12	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
500.00	Water	5.92
130.00	Oil spotted SMCW 80%W 20%M	1.82

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Shakespeare Oil Co.

Janzen 1-16

202 W. Main
Salem, IL 62881

16,16,34,Scott,KS

Job Ticket: 41343

DST#: 2

ATTN: Tim Priest

Test Start: 2010.12.16 @ 08:50:23

Tool Information

Drill Pipe:	Length: 4169.00 ft	Diameter: 3.80 inches	Volume: 58.48 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 2.70 inches	Volume: - bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: - bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 69000.00 lb
Depth to Top Packer:	4287.00 ft			Final 72000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	23.00 ft			
Tool Length:	46.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4265.00	
Shut In Tool	5.00			4270.00	
Hydraulic tool	5.00			4275.00	
Safety Joint	2.00			4277.00	
Packer	5.00			4282.00	23.00 Bottom Of Top Packer
Packer	5.00			4287.00	
Stubb	1.00			4288.00	
Recorder	0.00	6719	Inside	4288.00	
Recorder	0.00	8319	Outside	4288.00	
Perforations	19.00			4307.00	
Bullnose	3.00			4310.00	23.00 Bottom Packers & Anchor

Total Tool Length: 46.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespeare Oil Co.

Janzen 1-16

202 W. Main
Salem, IL 62881

16,16,34,Scott,KS

ATTN: Tim Priest

Job Ticket: 41343

DST#: 2

Test Start: 2010.12.16 @ 08:50:23

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

75000 ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.76 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
500.00	Water	5.921
130.00	Oil spotted SMCW 80%W 20%M	1.824

Total Length: 630.00 ft

Total Volume: 7.745 bbl

Num Fluid Samples: 0

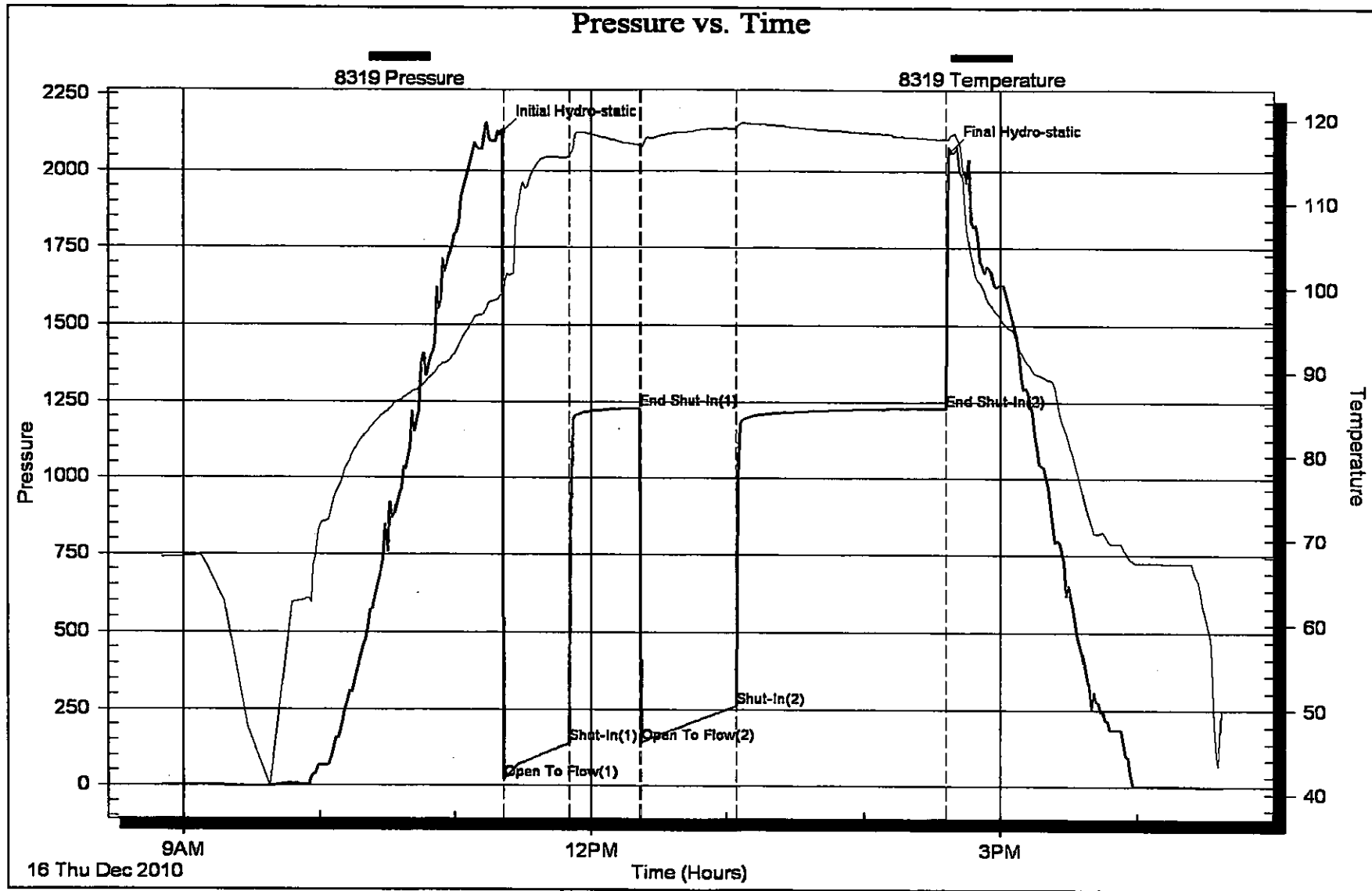
Num Gas Bombs: 0

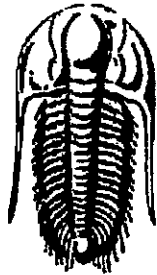
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Shakespeare Oil Co.**

202 W. Main
Salem, IL 62881

ATTN: Tim Priest

16,16,34,Scott,KS

Janzen 1-16

Start Date: 2010.12.16 @ 22:30:39

End Date: 2010.12.17 @ 06:53:09

Job Ticket #: 41344 DST #: 3

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Shakespeare Oil Co.

Janzen 1-16

16,16,34,Scott,KS

DST # 3

KC "K"

2010.12.16



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Shakespeare Oil Co.

202 W. Main
Salem, IL 62881

ATTN: Tim Priest

Janzen 1-16

16,16,34,Scott,KS

Job Ticket: 41344

DST#: 3

Test Start: 2010.12.16 @ 22:30:39

GENERAL INFORMATION:

Formation: **KC "K"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:49:09

Time Test Ended: 06:53:09

Interval: **4309.00 ft (KB) To 4340.00 ft (KB) (TVD)**

Total Depth: **4340.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: Fair

Test Type: Conventional Bottom Hole

Tester: Brett Dickinson

Unit No: 47

Reference Elevations: 3149.00 ft (KB)

3139.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: **8319**

Outside

Press@RunDepth: 572.32 psig @ 4310.00 ft (KB)

Start Date: 2010.12.16

End Date:

2010.12.17

Start Time: 22:30:44

End Time:

06:53:08

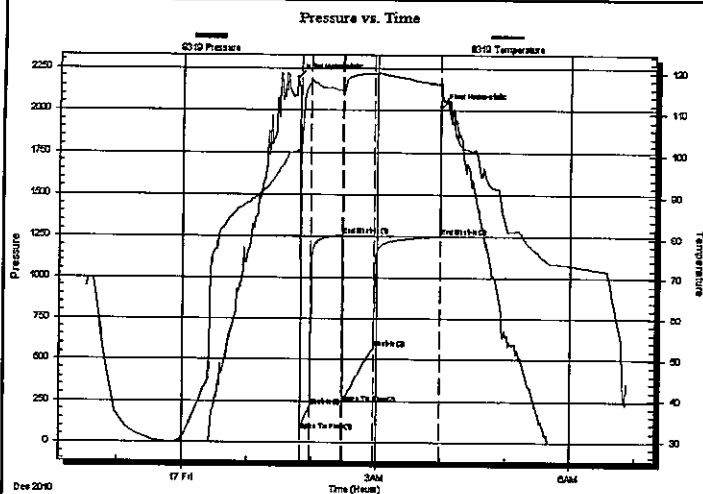
Capacity: 8000.00 psig

Last Calib.: 2010.12.17

Time On Btm: 2010.12.17 @ 01:46:09

Time Off Btm: 2010.12.17 @ 03:59:39

TEST COMMENT: IF-BOB in 3 min
ISI-Very weak surface blow
FF-BOB in 3 1/2 min
FSI-No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2192.63	101.08	Initial Hydro-static
3	72.93	101.64	Open To Flow (1)
12	221.03	117.89	Shut-In(1)
43	1257.79	115.71	End Shut-In(1)
43	237.41	115.31	Open To Flow (2)
72	572.32	119.75	Shut-In(2)
133	1251.45	117.31	End Shut-In(2)
134	2020.73	117.48	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
870.00	Water	11.11
240.00	Oilspotted SMCW 15%M 85%W	3.37
120.00	Oilspotted MCW 40%M 60%W	1.68

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Shakespeare Oil Co.

Janzen 1-16

202 W. Main
Salem, IL 62881

16,16,34,Scott,KS

Job Ticket: 41344

DST#: 3

ATTN: Tim Priest

Test Start: 2010.12.16 @ 22:30:39

Tool Information

Drill Pipe:	Length: 4200.00 ft	Diameter: 3.80 inches	Volume: 58.91 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 2.70 inches	Volume: - bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: - bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	34.00 ft			String Weight: Initial 69000.00 lb
Depth to Top Packer:	4309.00 ft			Final 75000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	31.00 ft			
Tool Length:	54.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Change Over Sub	1.00			4287.00	
Shut In Tool	5.00			4292.00	
Hydraulic tool	5.00			4297.00	
Safety Joint	2.00			4299.00	
Packer	5.00			4304.00	23.00 Bottom Of Top Packer
Packer	5.00			4309.00	
Stubb	1.00			4310.00	
Recorder	0.00	6719	Inside	4310.00	
Recorder	0.00	8319	Outside	4310.00	
Perforations	27.00			4337.00	
Bullnose	3.00			4340.00	31.00 Bottom Packers & Anchor

Total Tool Length: 54.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespeare Oil Co.

Janzen 1-16

202 W. Main
Salem, IL 62881

16,16,34,Scott,KS

Job Ticket: 41344

DST#: 3

ATTN: Tim Priest

Test Start: 2010.12.16 @ 22:30:39

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

88000 ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.75 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
870.00	Water	11.111
240.00	Oilspotted SMCW 15%M 85%W	3.367
120.00	Oilspotted MCW 40%M 60%W	1.683

Total Length: 1230.00 ft

Total Volume: 16.161 bbl

Num Fluid Samples: 0

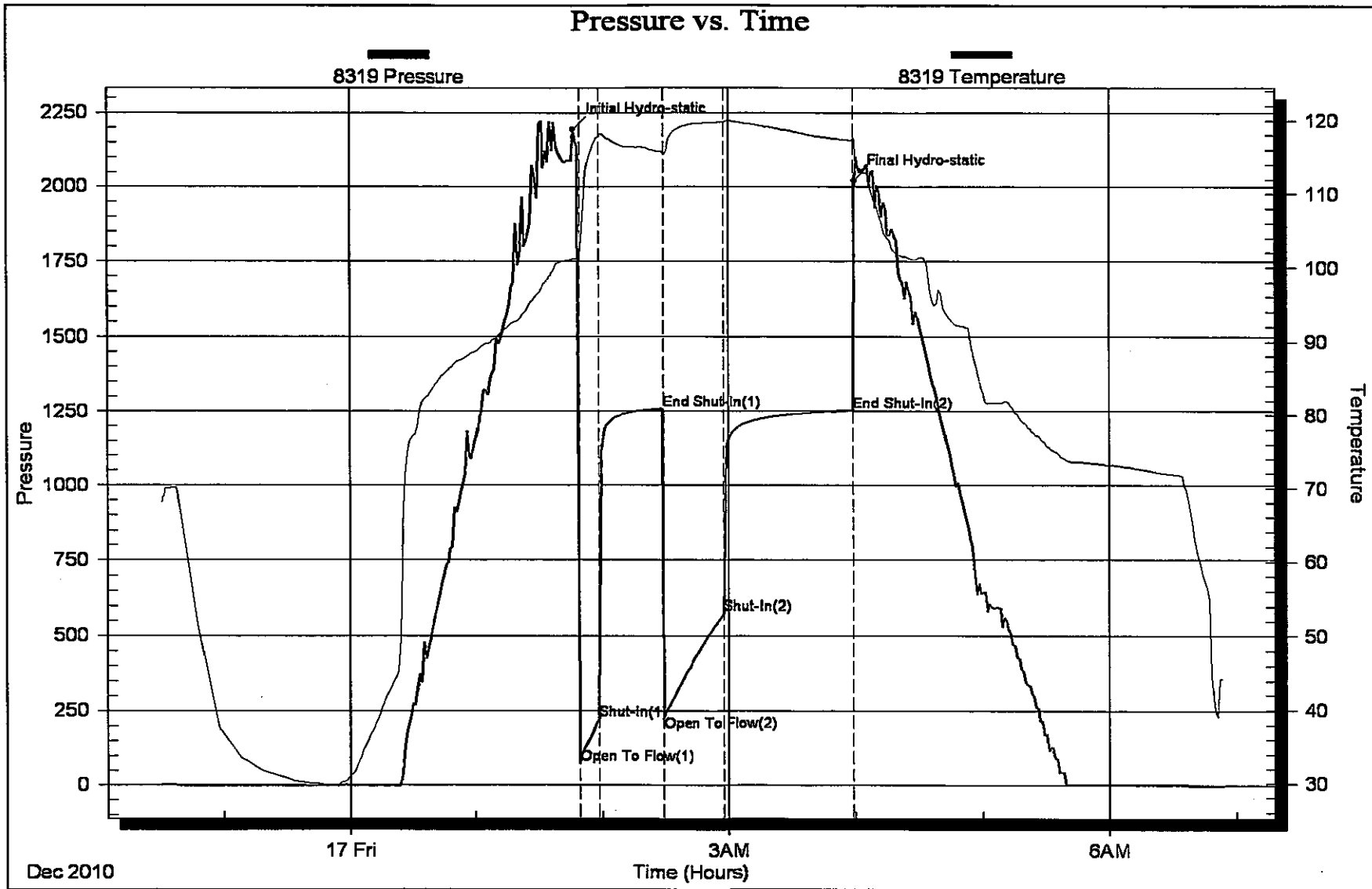
Num Gas Bombs: 0

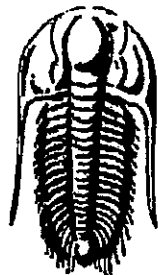
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Shakespeare Oil Co.**

202 W. Main
Salem, IL 62881

ATTN: Tim Priest

16,16,34,Scott,KS

Janzen 1-16

Start Date: 2010.12.18 @ 08:45:46

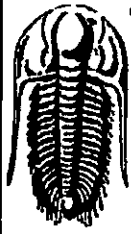
End Date: 2010.12.18 @ 14:13:46

Job Ticket #: 41345 DST #: 4

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Shakespeare Oil Co.

Janzen 1-16

202 W. Main
Salem, IL 62881

16,16,34, Scott, KS

Job Ticket: 41345

DST#: 4

ATTN: Tim Priest

Test Start: 2010.12.18 @ 08:45:46

GENERAL INFORMATION:

Formation: Martin, Pawnee Sd, M
Deviated: No Whipstock: ft (KB)
Time Tool Opened:
Time Test Ended: 14:13:46

Test Type: Conventional Bottom Hole
Tester: Brett Dickinson
Unit No: 47

Interval: 4464.00 ft (KB) To 4580.00 ft (KB) (TVD)
Total Depth: 4580.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 3149.00 ft (KB)
3139.00 ft (CF)
KB to GR/CF: 10.00 ft

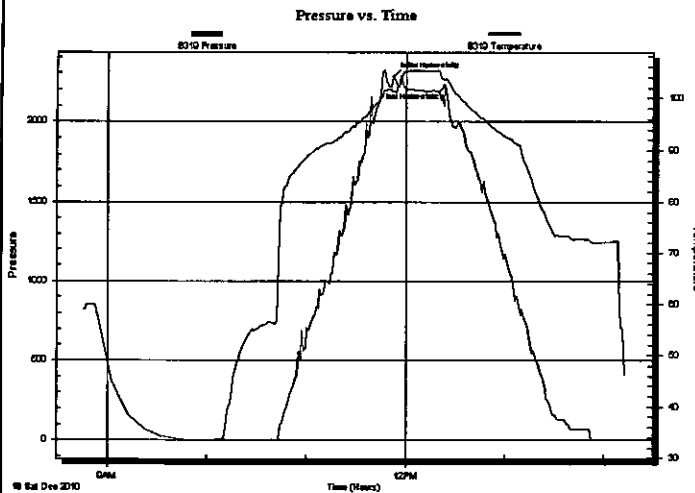
Serial #: 8319

Inside

Press@RunDepth: psig @ 4470.00 ft (KB)
Start Date: 2010.12.18 End Date: 2010.12.18
Start Time: 08:45:51 End Time: 14:13:45

Capacity: 8000.00 psig
Last Calib.: 2010.12.18
Time On Btm: 2010.12.18 @ 11:52:46
Time Off Btm: 2010.12.18 @ 12:23:46

TEST COMMENT: Packer failure



PRESSURE SUMMARY

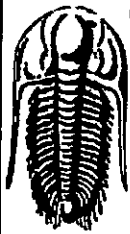
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2277.17	101.34	Initial Hydro-static
31	2223.86	103.64	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
300.00	mud	3.12

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Shakespeare Oil Co.

Janzen 1-16

202 W. Main
Salem, IL 62881

16, 16, 34, Scott, KS

Job Ticket: 41345

DST#: 4

ATTN: Tim Priest

Test Start: 2010.12.18 @ 08:45:46

Tool Information

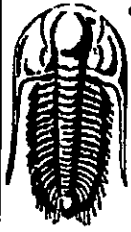
Drill Pipe:	Length: 4349.00 ft	Diameter: 3.80 inches	Volume: 61.01 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 2.70 inches	Volume: - bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 73000.00 lb
		Total Volume:	- bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 71000.00 lb
Depth to Top Packer:	4464.00 ft			Final 73000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	116.00 ft			
Tool Length:	139.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4442.00	
Shut In Tool	5.00			4447.00	
Hydraulic tool	5.00			4452.00	
Safety Joint	3.00			4455.00	
Packer	4.00			4459.00	23.00 Bottom Of Top Packer
Packer	5.00			4464.00	
Stubb	1.00			4465.00	
Perforations	4.00			4469.00	
Change Over Sub	1.00			4470.00	
Recorder	0.00	8319	Inside	4470.00	
Recorder	0.00	6719	Inside	4470.00	
Blank Spacing	91.00			4561.00	
Change Over Sub	1.00			4562.00	
Perforations	15.00			4577.00	
Bullnose	3.00			4580.00	116.00 Bottom Packers & Anchor

Total Tool Length: 139.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespeare Oil Co.

Janzen 1-16

202 W. Main
Salem, IL 62881

16,16,34, Scott, KS

ATTN: Tim Priest

Job Ticket: 41345

DST#: 4

Test Start: 2010.12.18 @ 08:45:46

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

Recovery Information

Recovery Table

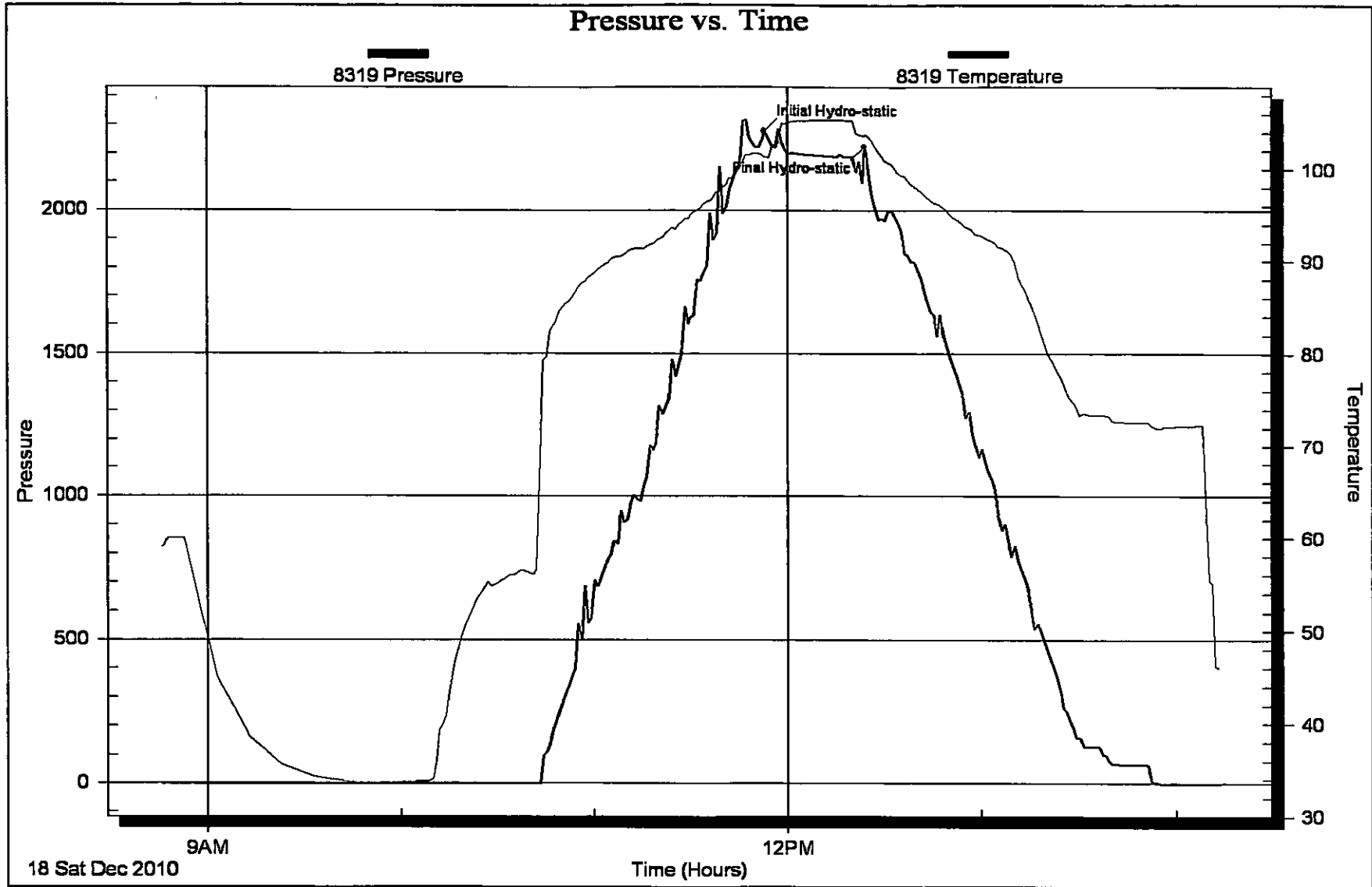
Length ft	Description	Volume bbl
300.00	mud	3.115

Total Length: 300.00 ft Total Volume: 3.115 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:





DRILL STEM TEST REPORT

Prepared For: **Shakespeare Oil Co.**

202 W. Main
Salem, IL 62881

ATTN: Tim Priest

16,16,34,Scott,KS

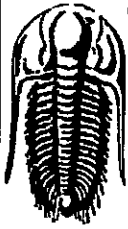
Janzen 1-16

Start Date: 2010.12.18 @ 14:35:01

End Date: 2010.12.18 @ 18:31:31

Job Ticket #: 41346 DST #: 5

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Shakespeare Oil Co.

Janzen 1-16

202 W. Main
Salem, IL 62881

16,16,34,Scott,KS

ATTN: Tim Priest

Job Ticket: 41346

DST#: 5

Test Start: 2010.12.18 @ 14:35:01

GENERAL INFORMATION:

Formation: Martin, Pawnee Sd. ,

Deviated: No Whipstock: ft (KB)

Time Tool Opened:

Time Test Ended: 18:31:31

Test Type: Conventional Bottom Hole

Tester: Brett Dickinson

Unit No: 47

Interval: 4462.00 ft (KB) To 4580.00 ft (KB) (TVD)

Total Depth: 4284.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 3149.00 ft (KB)

3139.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8319 Inside

Press@RunDepth: psig @ 4470.00 ft (KB)

Start Date: 2010.12.18

End Date:

2010.12.18

Capacity: 8000.00 psig

Last Calib.: 2010.12.18

Start Time: 14:35:06

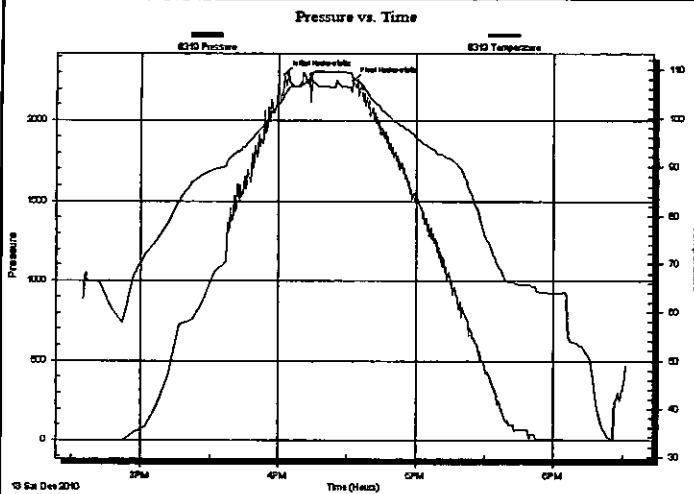
End Time:

18:31:31

Time On Btm: 2010.12.18 @ 16:02:31

Time Off Btm: 2010.12.18 @ 16:32:31

TEST COMMENT: Packer-failure



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2286.86	104.86	Initial Hydro-static
30	2248.88	108.25	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
360.00	mud	3.96

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Shakespeare Oil Co.

Janzen 1-16

202 W. Main
Salem, IL 62881

16,16,34,Scott,KS

Job Ticket: 41346

DST#: 5

ATTN: Tim Priest

Test Start: 2010.12.18 @ 14:35:01

Tool Information

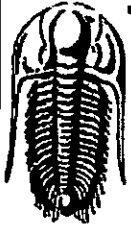
Drill Pipe:	Length: 4349.00 ft	Diameter: 3.80 inches	Volume: 61.01 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 2.70 inches	Volume: - bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 73000.00 lb
		Total Volume:	- bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 71000.00 lb
Depth to Top Packer:	4462.00 ft			Final 73000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	118.00 ft			
Tool Length:	141.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4440.00	
Shut In Tool	5.00			4445.00	
Hydraulic tool	5.00			4450.00	
Safety Joint	3.00			4453.00	
Packer	4.00			4457.00	23.00 Bottom Of Top Packer
Packer	5.00			4462.00	
Stubb	1.00			4463.00	
Perforations	6.00			4469.00	
Change Over Sub	1.00			4470.00	
Recorder	0.00	8319	Inside	4470.00	
Recorder	0.00	6719	Inside	4470.00	
Blank Spacing	91.00			4561.00	
Change Over Sub	1.00			4562.00	
Perforations	15.00			4577.00	
Bullnose	3.00			4580.00	118.00 Bottom Packers & Anchor

Total Tool Length: 141.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespeare Oil Co.

Janzen 1-16

202 W. Main
Salem, IL 62881

16,16,34,Scott,KS

Job Ticket: 41346

DST#: 5

ATTN: Tim Priest

Test Start: 2010.12.18 @ 14:35:01

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: 52.00 sec/qt

Cushion Volume:

bbl

Water Loss: in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
360.00	mud	3.957

Total Length: 360.00 ft

Total Volume: 3.957 bbl

Num Fluid Samples: 0

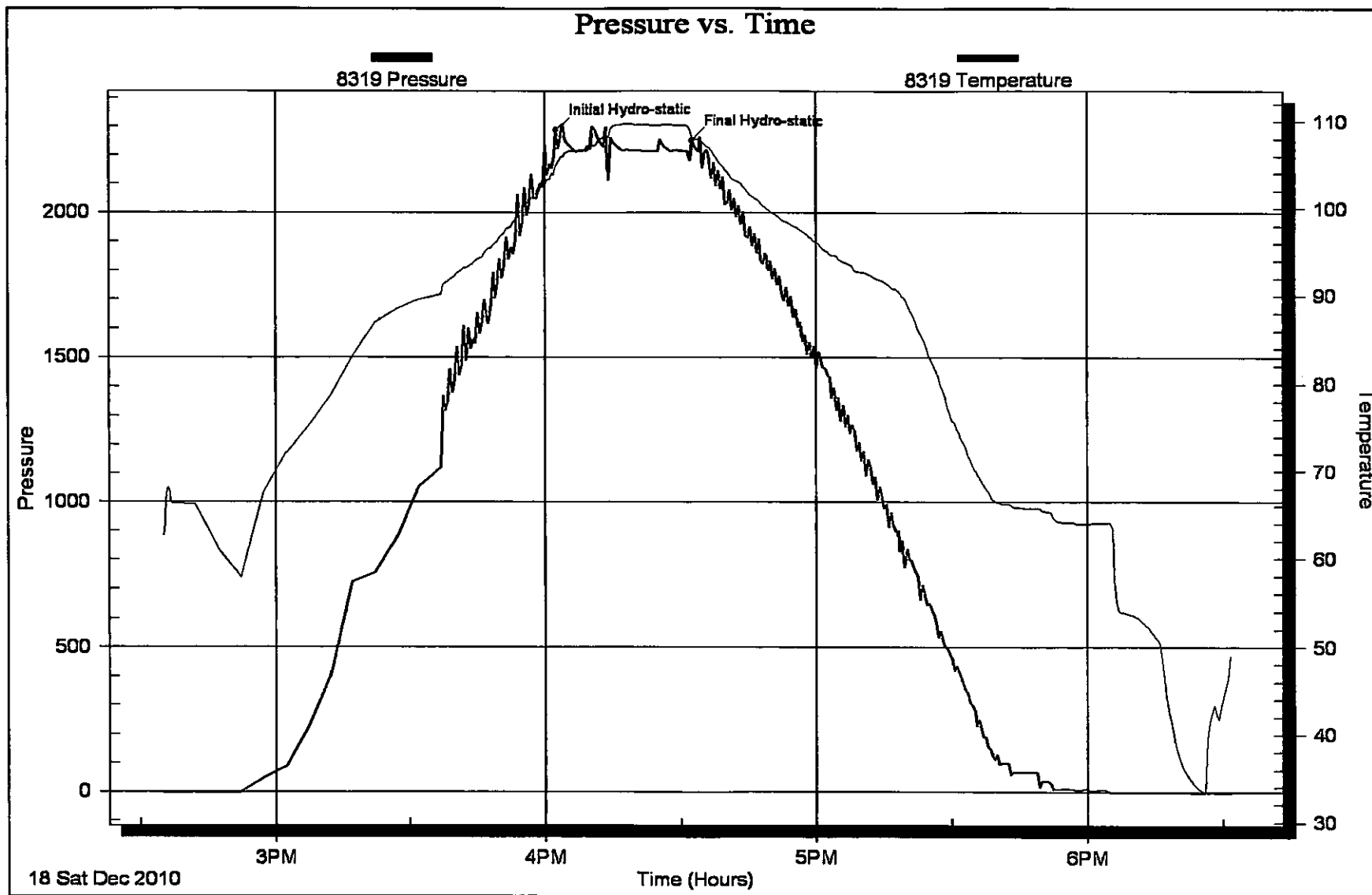
Num Gas Bombs: 0

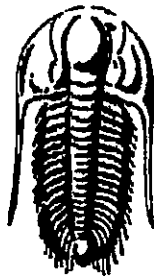
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Shakespeare Oil Co.**

202 W. Main
Salem, IL 62881

ATTN: Tim Priest

16,16,34,Scott,KS

Janzen 1-16

Start Date: 2010.12.19 @ 03:40:32

End Date: 2010.12.19 @ 09:52:26

Job Ticket #: 040498 DST #: 6

Trilobite Testing, Inc

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ph: 785-625-4778 fax: 785-625-5620

Shakespeare Oil Co.

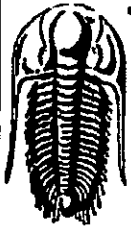
Janzen 1-16

16,16,34,Scott,KS

DST # 6

Pawnee-Myric Station

2010.12.19



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Shakespeare Oil Co.

Janzen 1-16

202 W. Main
Salem, IL 62881

16,16,34,Scott,KS

ATTN: Tim Priest

Job Ticket: 040498

DST#: 6

Test Start: 2010.12.19 @ 03:40:32

GENERAL INFORMATION:

Formation: Pawnee- Myric Statio

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:42:12

Time Test Ended: 09:52:26

Test Type: Conventional Bottom Hole

Tester: Brandon Turley

Unit No: 35

Interval: 4518.00 ft (KB) To 4610.00 ft (KB) (TVD)

Total Depth: 4610.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 3149.00 ft (KB)

3139.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8373

Inside

Press@RunDepth: 18.57 psig @ 4519.00 ft (KB)

Start Date: 2010.12.19

End Date:

2010.12.19

Start Time: 03:40:32

End Time:

09:52:26

Capacity: 8000.00 psig

Last Calib.: 2010.12.19

Time On Btr: 2010.12.19 @ 05:40:12

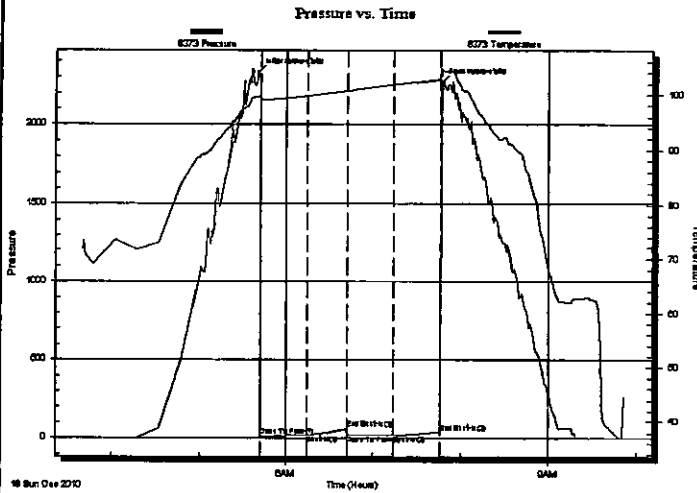
Time Off Btr: 2010.12.19 @ 07:46:12

TEST COMMENT: IF: Surface blow died in 15 min.

IS: No return.

FF: No blow.

FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2326.81	99.61	Initial Hydro-static
2	14.98	99.09	Open To Flow (1)
34	17.66	99.80	Shut-In(1)
62	60.06	100.71	End Shut-In(1)
63	18.30	100.68	Open To Flow (2)
94	18.57	101.80	Shut-In(2)
126	40.56	102.81	End Shut-In(2)
126	2267.18	104.10	Final Hydro-static

Recovery

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

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Shakespeare Oil Co.

Janzen 1-16

202 W. Main
Salem, IL 62881

16, 16, 34, Scott, KS

Job Ticket: 040498

DST#: 6

ATTN: Tim Priest

Test Start: 2010.12.19 @ 03:40:32

Tool Information

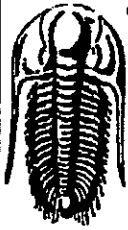
Drill Pipe:	Length: 4382.00 ft	Diameter: 3.80 inches	Volume: 61.47 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 85000.00 lb
		Total Volume:	62.06 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	4.00 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	4518.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	92.00 ft			
Tool Length:	112.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Stubb	1.00			4499.00	
Shut In Tool	5.00			4504.00	
Hydraulic tool	5.00			4509.00	
Packer	5.00			4514.00	20.00 Bottom Of Top Packer
Packer	4.00			4518.00	
Stubb	1.00			4519.00	
Recorder	0.00	8373	Inside	4519.00	
Recorder	0.00	8289	Outside	4519.00	
Perforations	22.00			4541.00	
Change Over Sub	1.00			4542.00	
Drill Pipe	62.00			4604.00	
Change Over Sub	1.00			4605.00	
Bullnose	5.00			4610.00	92.00 Bottom Packers & Anchor

Total Tool Length: 112.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespeare Oil Co.

Janzen 1-16

202 W. Main
Salem, IL 62881

16,16,34,Scott,KS

Job Ticket: 040498

DST#: 6

ATTN: Tim Priest

Test Start: 2010.12.19 @ 03:40:32

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: 51.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.57 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 7600.00 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

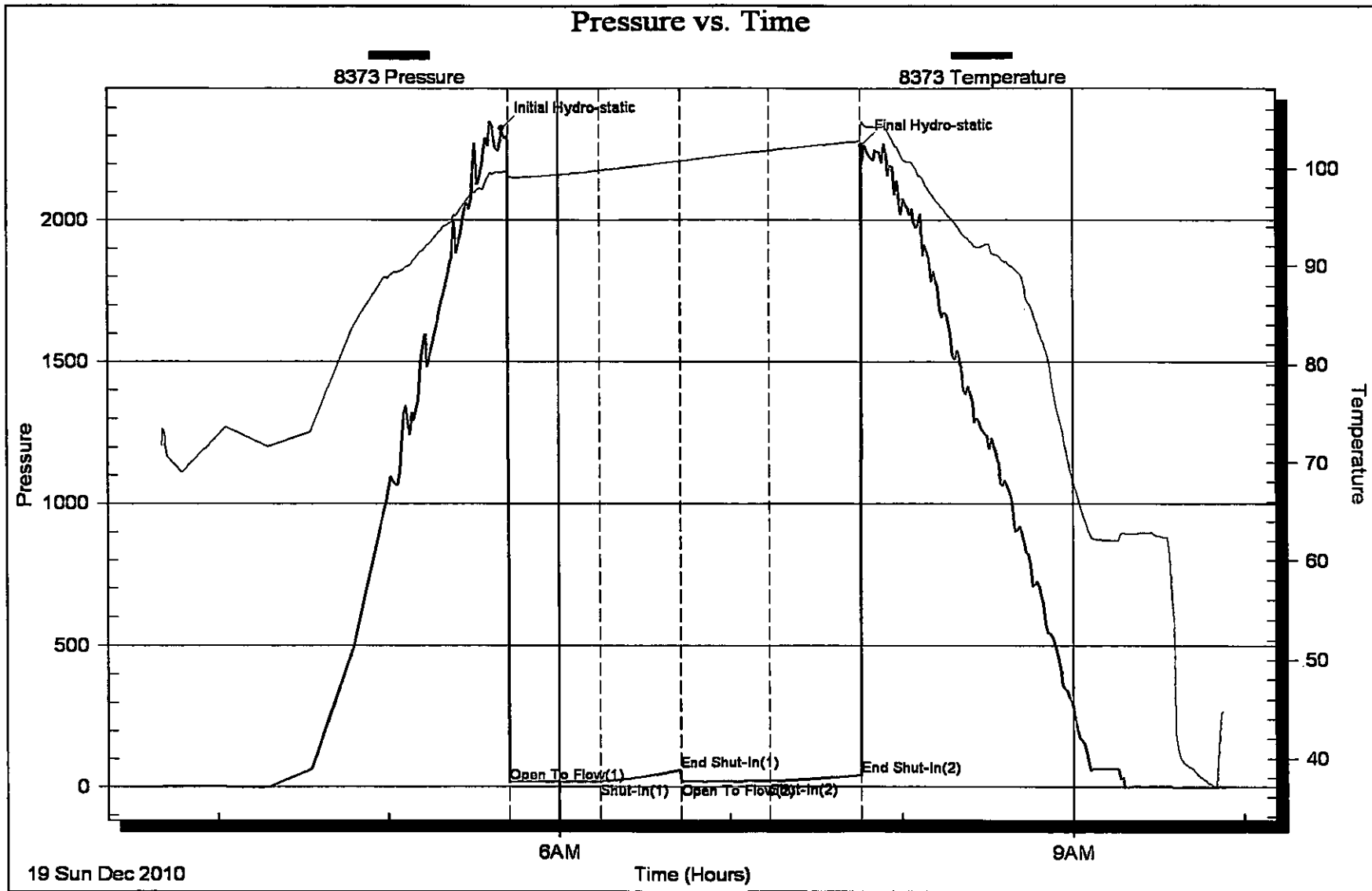
Num Gas Bombs: 0

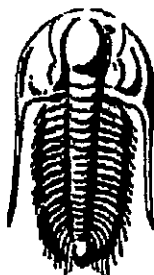
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Shakespeare Oil Co.**

202 W. Main
Salem, IL 62881

ATTN: Tim Priest

16,16,34,Scott,KS

Janzen 1-16

Start Date: 2010.12.20 @ 04:26:12

End Date: 2010.12.20 @ 13:22:37

Job Ticket #: 040499 DST #: 7

Trilobite Testing, Inc

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Shakespeare Oil Co.

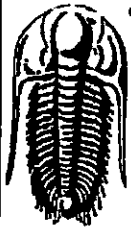
Janzen 1-16

16,16,34,Scott,KS

DST # 7

Johnson

2010.12.20



**TRIOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Shakespeare Oil Co.

Janzen 1-16

202 W. Main
Salem, IL 62881

16,16,34, Scott, KS

Job Ticket: 040499

DST#: 7

ATTN: Tim Priest

Test Start: 2010.12.20 @ 04:26:12

GENERAL INFORMATION:

Formation: Johnson

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:01:22

Time Test Ended: 13:22:37

Test Type: Conventional Bottom Hole

Tester: Brandon Turley

Unit No: 35

Interval: 4650.00 ft (KB) To 4730.00 ft (KB) (TVD)

Total Depth: 4730.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 3149.00 ft (KB)

3139.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8373

Inside

Press@RunDepth: 284.25 psig @ 4655.00 ft (KB)

Start Date: 2010.12.20

End Date:

2010.12.20

Start Time: 04:26:12

End Time:

13:22:37

Capacity: 8000.00 psig

Last Calib.: 2010.12.20

Time On Btm: 2010.12.20 @ 06:59:52

Time Off Btm: 2010.12.20 @ 10:30:51

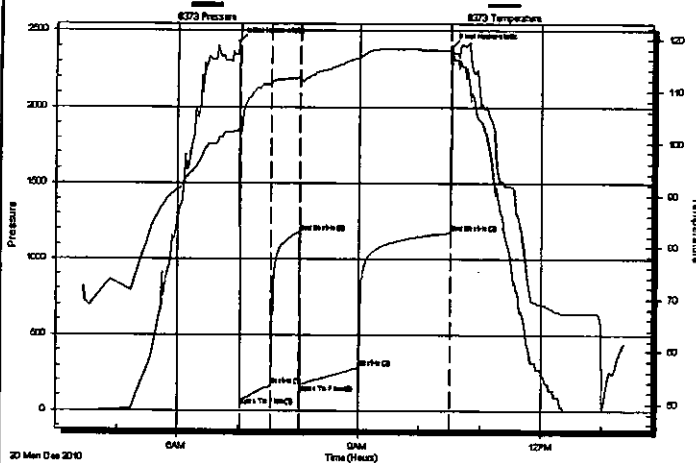
TEST COMMENT: IF: 1/4 blow built to 3 in 30 min.

IS: No return.

FF: 1/4 blow BOB in 18 min. Blow died back to 1".

FS: No return.

Pressure vs. Time



PRESSURE SUMMARY

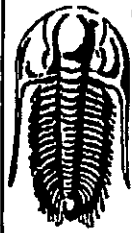
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2428.13	102.62	Initial Hydro-static
2	35.73	101.80	Open To Flow (1)
32	165.80	111.28	Shut-In(1)
61	1174.95	112.53	End Shut-In(1)
62	168.61	112.11	Open To Flow (2)
121	284.25	116.47	Shut-In(2)
211	1171.52	117.83	End Shut-In(2)
211	2393.86	118.10	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	mcw 80%w 20%m	0.30
124.00	mcw 70%w 30%m	1.21
186.00	gocm 20%g 35%o 45%m	2.61
124.00	gocm 20%g 30%o 50%m	1.74
155.00	gocm 10%g 10%o 80%m	2.17
0.00	465 GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Shakespeare Oil Co.

Janzen 1-16

202 W. Main
Salem, IL 62881

16,16,34,Scott,KS

Job Ticket: 040499

DST#:7

ATTN: Tim Priest

Test Start: 2010.12.20 @ 04:26:12

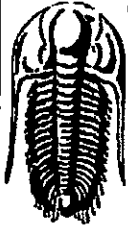
Tool Information

Drill Pipe:	Length: 4539.00 ft	Diameter: 3.80 inches	Volume: 63.67 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 100000.0 lb
		Total Volume:	64.26 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 80000.00 lb
Depth to Top Packer:	4650.00 ft			Final 80000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	84.00 ft			
Tool Length:	100.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Stubb	1.00			4635.00	
Shut In Tool	5.00			4640.00	
Hydraulic tool	5.00			4645.00	
Packer	5.00			4650.00	16.00 Bottom Of Top Packer
Packer - Shale	4.00			4654.00	
Stubb	1.00			4655.00	
Recorder	0.00	8373	Inside	4655.00	
Recorder	0.00	8289	Outside	4655.00	
Perforations	10.00			4665.00	
Change Over Sub	1.00			4666.00	
Drill Pipe	62.00			4728.00	
Change Over Sub	1.00			4729.00	
Bullnose	5.00			4734.00	84.00 Anchor Tool

Total Tool Length: 100.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespeare Oil Co.

Janzen 1-16

202 W. Main
Salem, IL 62881

16,16,34,Scott,KS

ATTN: Tim Priest

Job Ticket: 040499

DST#: 7

Test Start: 2010.12.20 @ 04:26:12

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	0 deg API
Mud Weight: 10.00 lb/gal	Cushion Length: ft	Water Salinity:	23000 ppm
Viscosity: 50.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.78 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 8000.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	mcw 80%w 20%m	0.305
124.00	mcw 70%w 30%m	1.211
186.00	gocm 20%g 35%o 45%m	2.609
124.00	gocm 20%g 30%o 50%m	1.739
155.00	gocm 10%g 10%o 80%m	2.174
0.00	465 GIP	0.000

Total Length: 651.00 ft Total Volume: 8.038 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .33@64=23000

