

Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1

January 2018

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

Gas  DH  EOR

OG  GSW

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 EOR  Conv. to SWD

Plug Back  Liner  Conv. to GSW  Conv. to Producer

Commingled Permit #: \_\_\_\_\_

Dual Completion Permit #: \_\_\_\_\_

SWD Permit #: \_\_\_\_\_

EOR Permit #: \_\_\_\_\_

GSW Permit #: \_\_\_\_\_

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: \_\_\_\_\_

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  Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

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](mailto: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 Geologist Report / Mud Logs <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				

1. Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 3)*
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)*

Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

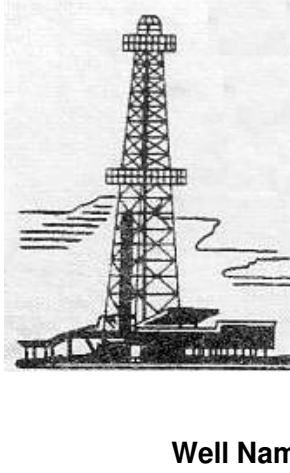
TUBING RECORD:	Size:	Set At:	Packer At:	
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Form	ACO1 - Well Completion
Operator	Shakespeare Oil Co., Inc.
Well Name	TERRY 2-19
Doc ID	1647834

Tops

Name	Top	Datum
Anhydrite	2161	+625
Heebner	3939	-1153
Lansing	3978	-1192
Muncie Creek	4135	-1349
Stark Shale	4230	-1444
Hushpuckney	4263	-1477
Pawnee	4428	-1642
Johnson	4542	-1756
Mississippian	4566	-1780





# WELLSITE GEOLOGIST'S REPORT

VERNON C. SCHRAG  
CONSULTANT GEOLOGIST



Scale 1:240 (5"=100') Imperial

Well Name: SHERRIE #1-32  
Location: NE NW SW NW Sec. 32-18S-29W  
Licence Number: API: 15-101-22671  
Spud Date: May 7, 2022  
Surface Coordinates: 1565' FNL & 645' FWL

Region: Lane Co., KS  
Drilling Completed: May 15, 2022

Bottom Hole Coordinates:  
Ground Elevation (ft): 2828' K.B. Elevation (ft): 2838'  
Logged Interval (ft): 3750' To: RTD Total Depth (ft): 4635'  
Formation: D&A Mississippi  
Type of Drilling Fluid: Chemical Premix (Displaced)  
Printed by MUD.LOG from WellSight Systems 1-800-447-1534 www.WellSight.com

### OPERATOR:

Company: Shakespeare Oil Co., Inc.  
Address: 202 West Main Street  
Salem, IL 62881

### DRILLING CONTRACTOR:

Southwind Drilling Co., Rig #8

DP 4.5" XH (16.6#); DC 6-1/4" x 2-3/8", 469.56'; Kelly 40.00'; Tool Joint 5.5" ; Bit: 7-7/8", JZ HA23C, 3/15s; rpm 80, WOB 35k; Kelly Bushing 10' above ground level; Doug Roberts (tool pusher).

### CASING:

Ran 6 joints of new, 23# 8 5/8" casing, tally @ 254', set @ 266'

### CIRCULATION SYSTEM:

Continental EMSCO D-375, duplex, 6 x 14, 58 spm, Chemical, premix, earth pits, MudCo/Service Mud, Inc., Reid Atkins.

### GAS DETECTION SYSTEM:

None.

### DRILL STEM TESTS:

Trilobite Testing, Inc., Scott City, KS, Martine Salinas.

### OPEN HOLE LOGS:

Run#1: DN (PE), DI (SP), Run #2: ML, 5" detail LTD-3600'; 2" DI to surface casing; ELI Wireline Services, Hays, KS, Jeff Leubbers.

ROP (min/ft) Five Ten	DST	Lithology	Depth	Geological Descriptions	Total Gas TG (units) Fifty One
			3850	LS: lt-md grayish brown; vf-xtal; dense to marly in part; no apparent porosity; N.S.  LS: lt-md grayish brown; vf-xtal; opa. cherts; poor porosity; N.S.  LS: lt-md brown; vf-xtal; dense; wht-gray opa. cherts; chalky in part; almost no fluor; N.S.	JZ PL516 PDC DOWN TO 3845'  ANHYDRITE 2173 (+665) B/ANHY 2195 (+643)  TRIP OUT PDC, TRIP IN BUTTON BIT AT 3945.38', DEV 1/2 DEG.
			3900	LS: lt-md browns; mic-vf xtal; chalky; fos-frag; no apparent porosity; N.S.  LS: grayish brown; mic-vf xtal; dk brn to blk greasy sh streaks; somewhat marly; no apparent porosity; N.S.  HEEBNER SH 3931 (-1093) Shale: black; carbonaceous; 3950.  Shale: green; very marly;	
			3950	LS: very lt brn to white; mic-vf xtal; very chalky; few chips even mineral fluor; scattered pin-pt porosity; N.S., 3970.  LS: as above but very weak fluor; N.S.  Shale: grays; LANSING 3974 (-1136) LS: lt brown w/minor gray, opa. chert; vf-xtal; dense; dull fluor; no visible porosity; N.S.  LS: as above; N.S.	3990 SAMPLE WAS CAUGHT AT 3996.
			4000	Shale: dk gray; LS: dense; N.S.  Shale: green, gray; LS: lt brown; vf-xtal; mostly dense; trc white & orange, opa. chert; trc fair int ool porosity; only dull fluor; N.S.; 4020.  LS: lt brown; vf-xtal; few if any grains; trc opa. chert; smooth textured; dense; N.S.  LS: as above: dense to chalky in part; trc chert; N.S.	
			4050	LS: as above.  Shale: greenish gray; few chips 4070.  LS: lt gray-brn; vf-xtal; dolomitic, slow 3M acid reaction; rough textured i.p.; even dull mineral fluor; N.S., 4080-20 min.  LS: lt brown; vf-xtal; white chalk in part; no visible porosity; N.S.	
			4100	LS: lt-md brown; vf-xtal; fine to med oom por.; N.S., 4110, incr 4120.  LS: lt grayish brown; mic-vf xtal; dense to chalky in part; even mineral fluor; few if any grains; no visible porosity; N.S.  LS: as above.  Shale: greenish gray; not Muncie, 4145.  LS: lt brown; vf-xtal; chalky in part; N.S.	MUD-CO: 4100: VIS 53, WT 9.1, FIL 6.4, CHL 1500, LCM 2#
			4150	MUNCIE CREEK 4148 (-1310) Shale: black; carbonaceous; 25% of 4150-20m. LS: md brn; vf-xtal; fos-frag in pt; trc semi-trans chert; only dull fluor; dense, platy; N.S.  Shale: green; very marly; 4163-40, 60 min.  LS: very lt brown; vf-xtal; sli. oolitic; dense to sli chalky, blocky; dull even fluor; no visible porosity; N.S., 4173-20, 40 min.  LS: lt grayish brown; vf-xtal; few if any grains; dense, blocky; no visible porosity; N.S.	COLLECT 5' SAMPLE AT 4145'.  15 STAND SHORT TRIP AT 4156.
			4200	Shale: dk gray, green; 4210. LS: dk brown; vf-xtal; dense; N.S.  LS: lt grayish brown; vf-xtal; fine to med dense oolitic; sli rough textured; sli chalky; dull even mineral fluor; very tight int ool porosity at best; N.S.; 4215-stop.	
			4250	LS: lt-md brown; vf-xtal; scattered coarse oom por at 4235-20 min; improved oom por at 40 min 20% or so; very weak fluor; N.S.; comes with greenish calcareous siltstones;  LS: lt brown; vf-xtal; sli granular; dense; very tight int granular porosity at best; N.S. STARK SH 4258 (-1420) Shale: black; fissile; carbon.; 20%; 4266-20 min. LS: dk brn; vf-xtal; dense; N.S. Shale: green; marly in part; UPPER K: LS: lt-dk brn; vf-xtal; much greenish gray chert; trc shallow oom por; trc bright chalk at 4270-20m incr to 1% at 40 min; No visible oil. Oom similar to J, may be float. K2: LS: soft to very lt gray; mic-vf xtal; no grains; trc opa. chert; white chalk w/very weak mineral fluor; no visible por.; N.S. HUSHPUCKNEY SH 4292 (-1454) Shale: black; carbon.; 2-5% 4300-20 min. LS: mottled lt-md brn to gray, vf-xtal; fos-frag in part; dense; trc drusy vug por; crush VSSO; trc drusy vug & dry str 4300-60m. <1% dry str 4305-20, 40m. LS: gray-brn; mic-xt; no grain; smooth; silty; no vis por, N.S. 4310-20, 40, 60m.	MISSED 4235 STOP SAMPLE AT CREW CHANGE.  MUD-CO: 4270: VIS 57, WT 9.1, FIL 7.2, CHL 2215, LCM 2#  DST #1: K-ZONE: 4256-4270: WEAK BLOW 1-1/4" IFP, NO RB, WEAK BLOW 1-1/2" IFP, NO RB; 15-30-30; 5 OSWM (2%O, 5%W, 93%AM); SIP: 571-567; FP: 26-33, 33-46; HP: 2130-2126; BHT: 120 f.
			4300	LS: lt brown; vf-xtal; only sli granular; mostly dense, smooth textured; chalky in part; even mineral fluor; no visible porosity; N.S.  LS: as above.  Shale: grays;  LS: md-dk brown; vf-xtal; tight oolite; sli chalky; very poor int ool porosity at best; no fluor; N.S., 4370.	DST #2: MID-CRK, L: 4291-4310: WEAK 1/4" BLOW IFP, NO RB, NO BLOW FFP; 15-30-30-30; 3' MUD w/OIL SPOTS; SIP: 243-234; FP: 24-27, 27-28; HP: 2109-2109; BHT: 114 f.
			4350	Siltst: greenish gray; w-cem in part; shaley; calcareous, 4380.  MARMATON 4376 (-1540) LS: lt brown; vf-xtal; mostly dense; sli granular; siltst contacts; almost no fluor; no visible porosity; N.S. 4390. Shale: dk grays;  LS: lt brown; vf-xtal; almost no grains; very dim fluor; dense, angular, chalky in part; no visible porosity; N.S., 4420.  LS: lt brown; vf-xtal; trc orange inclusions; dense, platy; no visible porosity; N.S.	MUD-CO: 4310: VIS 67, WT 9.1, FIL 8.8, CHL 2400, LCM 2#  COLLECT 5' SAMPLE AT 4365'.  DST #3: ALTAMONT: 4383-4440: WEAK 1/2" BLOW IFP, NO RB, NO BLOW FFP; 15-30-30-30; 10' SOCM (5%O); SIP: 862-696; FP: 27-29, 28-28, 25-32; HP: 2147-2176; BHT: 118 f.
			4400	LS: lt brown; vf-xtal; oolitic in part; poor int oolitic & fine vug porosity; only very weak fluor; trc spotted dry stain; crush few micro-drops oil; <1% 4440-stop, 20 min;  LS: lt brown; vf-xtal; oolitic to petal in part; very tight int grain por; N.S., 4440-40, 60 min.	
			4450	Shale: green, grays, poorly expressed. PAWNEE 4452 (-1614) LS: off white to v lt brown; vf-xtal; tight int ool & vuggy porosity; v lt brown spotted stain; crush few micro-drops oil; only dull fluor; 1% 4470, trc at best 4480.  Shale: black; carbonaceous; 5% 4490. LS: dk brn; vf-xtal; sli gran; dense; N.S. LS: lt-md grayish brn; vf-xtal; fine to med vug porosity; even bright fluor; spotted dry stains; sli micro-drop oil in wet samp is sli gassy; 2-5% 4500; decr to trc fluor 4510.  Shale: black; carbonaceous; fissile; FT SCOTT 4500 (-1682) LS: md-dk brown; vf-xtal; smoky chert; grain spotted oolite; tight int ool por; crush micro-drops; weak even fluor; sli gassy; few chips 4520  LS: lt-dk grayish browns; vf-xtal; granular; dense; trc fine vug w/dry chain could be float ? 4524-20m, 1 chip stain 4530. L. CHER SH 4526 (-1688) Shale: black; carbonaceous; fissile; LS: lt brown; vf-xtal; dull mineral fluor; no visible porosity; N.S.  LS: lt brown; vf-xtal; almost no fluor; sli granular; mostly dense; no visible porosity; N.S.	DST #4: PAW - FT. SC: 4444-4524: 1-1/2" BLOW IFP, NO RB, NO BLOW FFP, NO RB; 15-30-30-30; 40' GIP, 5' CO (100%O), 60' GOCM (7%G, 33%O, GRAV 36.5); SIP: 823-735; FP: 28-28, 25-32; HP: 2217-2176; BHT: 118 f.
			4450	Shale: dk gray, black;  LS: lt-dk browns; vf-xtal; dense; N.S., w/gray to dk gray shales;  Shale: dk gray;  LS: lt brown; vf-xtal; dense, oolitic in part; sli chalky; no visible porosity; N.S.  B/JN 4575 (-1737) Siltst: white w/scattered black grains; limy in part; tight int grain por; no fluor; N.S.; also lt-green waxy shale; trace 4580-20m, incr 40m. Siltst: white; mod-cem; no acid reaction; tight int grain por at best; N.S.; 4595-20m, 40m. Chert: various, gray, tan to orange; oxidized; fresh; angular; no visible porosity or shows; trc 4595-20m, incr 40m.	MUD-CO: 4595: VIS 50, WT 9.1, FIL 8.8, CHL 3400, LCM 2#
			4500	MUSISSIPPI 4598 (-1760) LS: lt brown; vf-xtal; oolitic; somewhat chalky; very tight int ool porosity at best; weak mineral fluor; N.S.; 4610, incr 4620.  Shale: grays, greens, some maroon; 80% at 4635-stop, 20m.  Dol: lt brown; vf-xtal; fair int xtal & vuggy porosity; v dull fluor at best; N.S., trc 4635-20m, incr at 40m. 1 chip looks like stain but does not cut. trc drusy edges; slow acid reaction, probably calcitic.	ELI WIRELINE LTD 4636.
			4600	ROTARY TOTAL DEPTH 4635 (-1797)	
			4650		

RTD 2:47 PM  
05/15/2022

# SWIFT



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



## Invoice

DATE	INVOICE #
5/7/2022	34572

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

- Acidizing
- Cement
- Tool Rental

INT

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#1-32	Sherry	Lane	Southwind	Oil	Development	Surface	Preston
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				40	Miles	7.00	280.00
576D-S	Pump Charge - <u>Shallow Surface</u> (< 500 Ft.)				1	Job	1,100.00	1,100.00
325	Standard Cement				170	Sacks	15.00	2,550.00T
279	Bentonite Gel				3	Sack(s)	40.00	120.00T
278	Calcium Chloride				7	Sack(s)	40.00	280.00T
276	Flocele				50	Lb(s)	3.00	150.00T
290	D-Air				2	Gallon(s)	42.00	84.00T
581D	Service Charge Cement				170	Sacks	2.00	340.00
583D	Drayage				333	Ton Miles	1.00	333.00
	Subtotal							5,237.00
	Sales Tax Lane County						7.50%	238.80

502-5 4y

RECEIVED  
MAY 16 2022

**We Appreciate Your Business!**

**Total**

\$5,475.80

DW





TICKET 34572

CHARGE TO: *Shale Spear oil*  
 ADDRESS  
 CITY, STATE, ZIP CODE

PAGE 1 OF 1

SERVICE LOCATIONS  
 1. *Ness City*  
 2.  
 3.  
 4.

WELL/PROJECT NO. *1-32*  
 LEASE *Sherry*  
 COUNTY/PARISH *Leane*  
 RIG NAME/NO.  
 TICKET TYPE  SERVICE SALES  CONTRACTOR *South Wind*  
 WELL TYPE *oil*  
 WELL CATEGORY *Development*  
 JOB PURPOSE *Surface*  
 INVOICE INSTRUCTIONS

STATE *KS*  
 CITY  
 SHIPPED VIA *CT*  
 DELIVERED TO *location*  
 WELL PERMIT NO.  
 DATE *5-7-22*  
 ORDER NO.  
 WELL LOCATION *Dighton 5-w, 2 1/4-S, E-intd*

OWNER

PRICE REFERENCE	SECONDARY REFERENCE/PART NUMBER	ACCOUNTING		DESCRIPTION	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOI
		LOC	ACCT							
<i>575</i>		<i>1</i>			<i>40</i>	<i>mi</i>			<i>7.00</i>	<i>280.00</i>
<i>576 S</i>		<i>1</i>		<i>mileage truck 115 pump charge surface</i>	<i>1</i>	<i>Job</i>			<i>1100.00</i>	<i>1100.00</i>
<i>325</i>		<i>1</i>		<i>STD CMT</i>	<i>170</i>	<i>SKS</i>			<i>15.00</i>	<i>2550.00</i>
<i>279</i>		<i>1</i>		<i>Bentonite Gel</i>	<i>3</i>	<i>SK</i>	<i>2</i>	<i>40</i>	<i>49.00</i>	<i>120.00</i>
<i>278</i>		<i>1</i>		<i>calcium chloride</i>	<i>70</i>	<i>SK</i>	<i>3</i>	<i>8</i>	<i>40.00</i>	<i>280.00</i>
<i>276</i>		<i>1</i>		<i>Floccle</i>	<i>50</i>	<i>lb</i>			<i>3.00</i>	<i>150.00</i>
<i>290</i>		<i>1</i>		<i>D-A's</i>	<i>2</i>	<i>gal</i>			<i>42.00</i>	<i>84.00</i>
<i>581</i>		<i>1</i>		<i>CMT service charge</i>	<i>170</i>	<i>SK</i>			<i>2.00</i>	<i>340.00</i>
<i>583</i>		<i>1</i>		<i>Drayage</i>	<i>16850</i>	<i>lbs</i>	<i>333</i>	<i>TM</i>	<i>1.00</i>	<i>333.00</i>

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 \_\_\_\_\_ TIME SIGNED \_\_\_\_\_  A.M.  P.M.

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

SURVEY  
 OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?  
 WE UNDERSTOOD AND MET YOUR NEEDS?  
 OUR SERVICE WAS PERFORMED WITHOUT DELAY?  
 WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?  
 ARE YOU SATISFIED WITH OUR SERVICE?  
 YES  NO  CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL *5237.00*

TOTAL *5475.80*

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

SWIFT OPERATOR *Patrick Star* APPROVAL

Thank You!

CUSTOMER Shakespeare		WELL NO. 1-32	LEASE Sherry	JOB TYPE Surface	TICKET NO. 34572
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CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	19:00							ON location 8 5/8 23# 270'
	19:50							circulate
	20:00	4	41			100		Mix 170 S/Ks Std, 29 gal, 3% CC, 1/4" Flare
	20:15		1615			100		displace cmt cmt to surface <del>the seat</del>
	20:20							shut valve & release psi
	20:25							wash truck
	21:00							Job complete Thanks! Preston, Mark, Isaac
								170 S/Ks Std, 29 gal, 3% CC, 1/4" Flare used 15 S/K to pit



# FRANKS Oilfield Service, LLC

# Invoice

815 Main Street  
Victoria, KS 67671

Office (785) 639-3949  
24 Hour Service Line (785) 639-7269

Email: franksoilfield@yahoo.com

Date	Invoice #
5/16/2022	0591

Please Pay from this Invoice.  
Remit Payment to:  
815 Main Street  
Victoria, KS 67671  
Billing Questions-Call Tianna at  
(785) 639-3949

Bill To
Shakespeare Oil Company, Inc. 202 W. Main St. Salem, IL 62881

RECEIVED  
JUN 06 2022

County/State	Lease/Well#	Terms	Job Type
Lane County, KS	Sherrie 1-32	Net 30	PTA

Description	Quantity	Rate	Amount
Pump Charge	1	1,500.00	1,500.00
Mileage	75	6.50	487.50
12.91 tons at 75 miles	968.25	1.50	1,452.38
60/40 4% gel 1/4# floseal	290	16.75	4,857.50T
Discount		-829.73	-829.73

PTA  
INT

*Thank-you!*

Accounts Due Net 10th. 1-1/2% Per Month on all Past Due Accounts. 18% Annual Rate.	<b>Subtotal</b>	\$7,467.65
<i>We appreciate your business and look forward to serving you again!</i>	<b>Sales Tax (7.5%)</b>	\$327.88
	<b>Balance Due</b>	\$7,795.53

DW

# FRANKS Oilfield Service

◆ 815 Main Street Victoria, KS 67671 ◆ 24 Hour Phone (785) 639-7269  
 ◆ Office Phone (785) 639-3949 ◆ Email: franksoilfield@yahoo.com

TICKET NUMBER 0591  
 LOCATION Moore  
 FOREMAN Tom Williams

## FIELD TICKET & TREATMENT REPORT CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
5-16-22	7311	SHARPE 1-32	32	18	29	Lone
CUSTOMER Sharpe, George O. Co Inc			TRUCK # DRIVER TRUCK # DRIVER			
MAILING ADDRESS 202 W Main St			#101 Tawell			
CITY STATE ZIP CODE Salem IA 52587			#202 Johnson			

JOB TYPE PTA HOLE SIZE \_\_\_\_\_ HOLE DEPTH \_\_\_\_\_ CASING SIZE & WEIGHT \_\_\_\_\_  
 CASING DEPTH \_\_\_\_\_ DRILL PIPE 4 1/2" TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 12.5 SLURRY VOL 2.1 WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING \_\_\_\_\_  
 DISPLACEMENT \_\_\_\_\_ DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

REMARKS: Solids marking & set up of equipment. Plug well as ordered.

1 <sup>st</sup>	2200'	50% 80% 50% 40%
2	1430'	80% 50% 40%
3	700'	50% 40%
4	300'	40%

240 cement

7 hours Tom & Solomon

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
PL005	1	PUMP CHARGE <u>PTA</u>	\$1500 <sup>00</sup>	\$1500 <sup>00</sup>
M001	79	MILEAGE	\$1.50	\$487.50
M003	12.97 tons	Ton mileage deferral	\$1452 <sup>38</sup>	\$1452 <sup>38</sup>
CR010	29054	60/100 40% 40% 40%	\$16 <sup>75</sup>	\$4857 <sup>50</sup>
			sub total	\$8297 <sup>38</sup>
			less 10% disc.	\$8297 <sup>38</sup>
			sub total	\$7467 <sup>45</sup>
			SALES TAX	327.88
			ESTIMATED TOTAL	7795.53

AUTHORIZATION Tom Williams TITLE \_\_\_\_\_ DATE \_\_\_\_\_

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Shakespeare Oil Co Inc

**32-18S.-29W. Lane, KS**

202 W Main St  
Salem, IL 62881

**Sherrie # 1-32**

Job Ticket: 68442

**DST#: 1**

ATTN: Vern Schrag

Test Start: 2022.05.12 @ 08:15:00

## GENERAL INFORMATION:

Formation: **LKC " K "**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:28:30

Time Test Ended: 14:04:20

Test Type: Conventional Bottom Hole (Initial)

Tester: Martine Salinas

Unit No: 82

**Interval: 4256.00 ft (KB) To 4270.00 ft (KB) (TVD)**

Reference Elevations: 2838.00 ft (KB)

Total Depth: 4258.00 ft (KB) (TVD)

2828.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

**Serial #: 8734 Outside**

Press@RunDepth: 45.76 psig @ 4257.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.05.12 End Date: 2022.05.12

Last Calib.: 2022.05.12

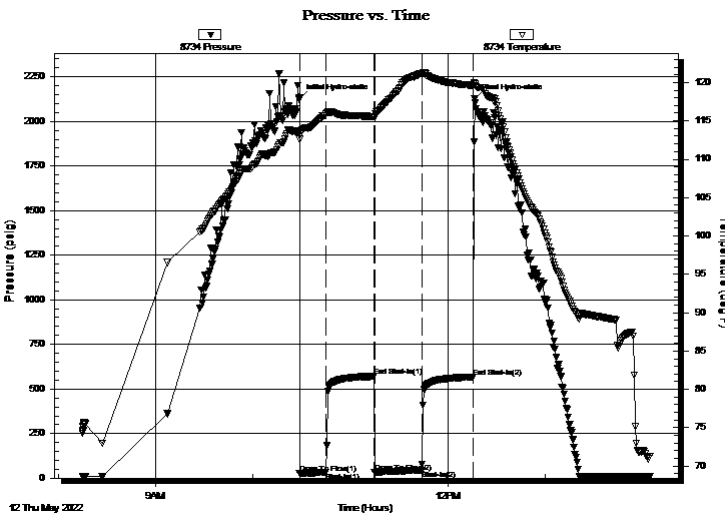
Start Time: 08:15:01 End Time: 14:04:20

Time On Btm: 2022.05.12 @ 10:28:20

Time Off Btm: 2022.05.12 @ 12:16:20

**TEST COMMENT:** 15-IF-Blow built to 1 1/4"  
30-ISI-No return  
30-FF-Blow built to 1 1/2"  
30-FSI-No return

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2129.58	113.63	Initial Hydro-static
1	25.56	112.59	Open To Flow (1)
17	32.98	115.94	Shut-In(1)
46	570.73	115.58	End Shut-In(1)
47	33.43	115.38	Open To Flow (2)
76	45.76	121.13	Shut-In(2)
107	566.87	119.61	End Shut-In(2)
108	2126.44	119.80	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
5.00	OSWM 2%O, 5%W, 93%M	0.07

## Gas Rates

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





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

Shakespeare Oil Co Inc

**32-18S.-29W. Lane, KS**

202 W Main St  
Salem, IL 62881

**Sherrie # 1-32**

Job Ticket: 68442

**DST#: 1**

ATTN: Vern Schrag

Test Start: 2022.05.12 @ 08:15:00

### 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: 80.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.40 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1500.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	OSWM 2%O, 5%W, 93%M	0.070

Total Length: 5.00 ft      Total Volume: 0.070 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

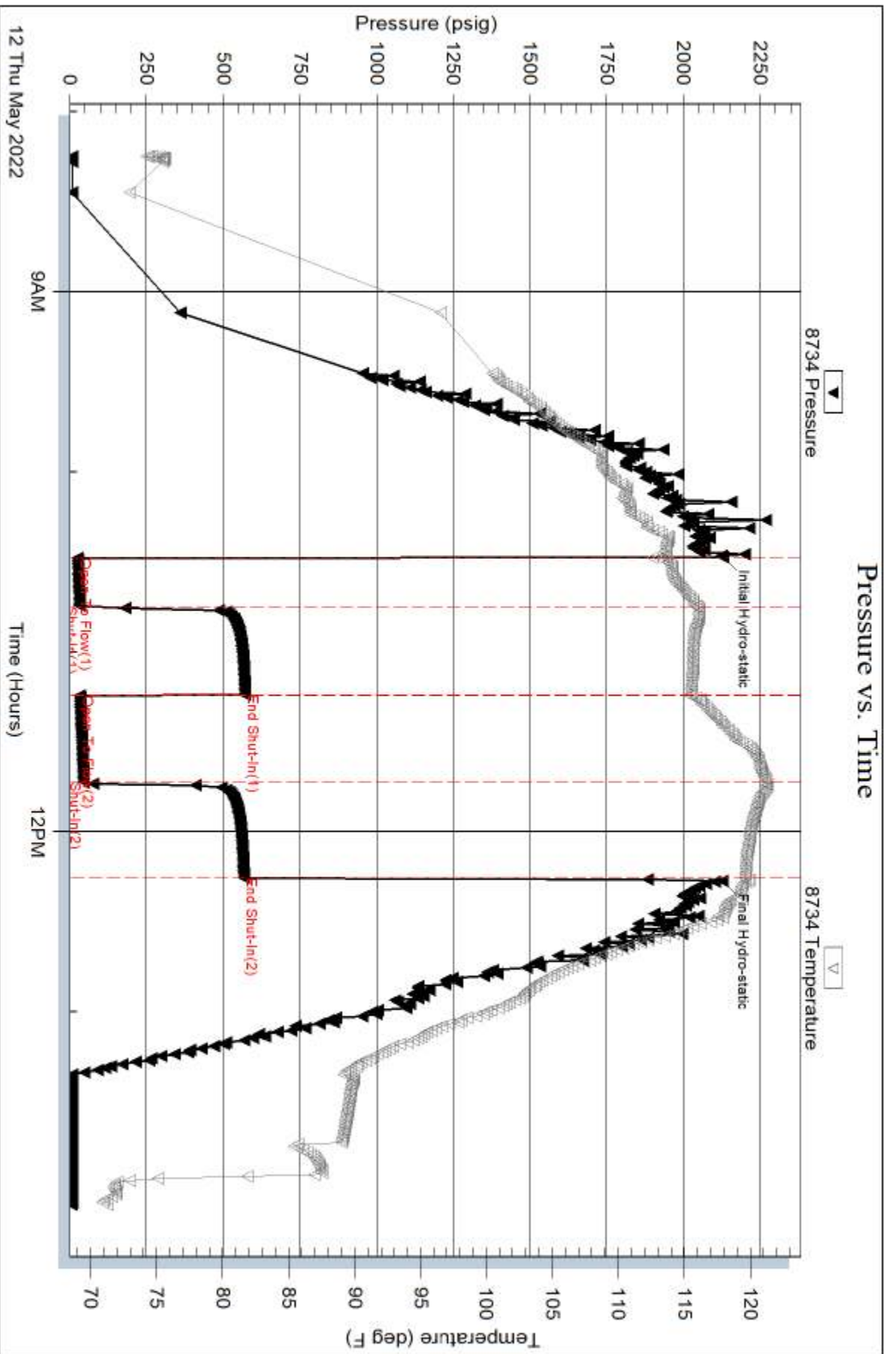
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Not enough fluid to catch gravity or chlorides





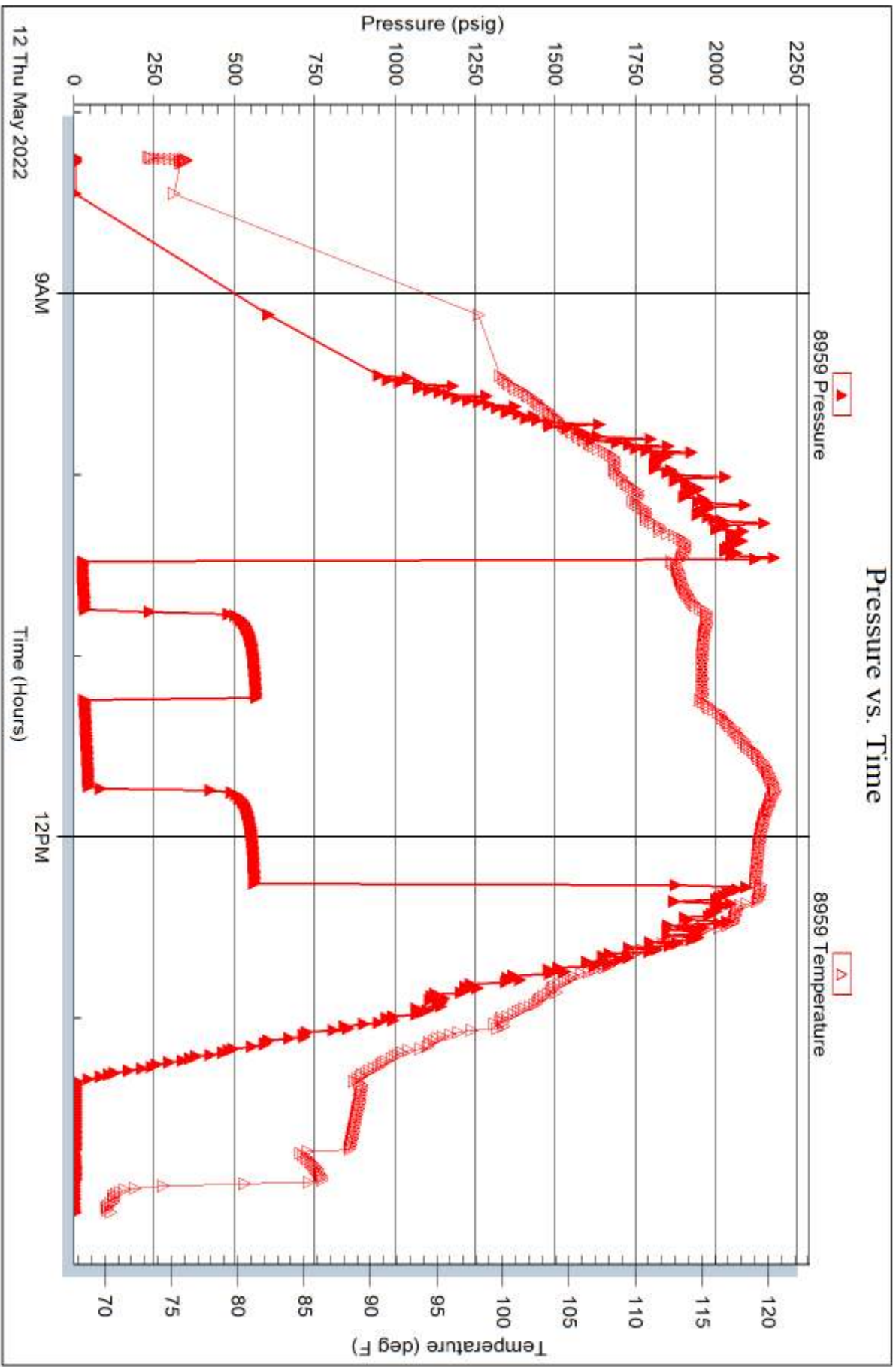
Serial #: 8959

Inside

Shakespeare Oil Co Inc

Sherrie # 1-32

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 68442

Printed: 2022.05.12 @ 16:35:28



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

hakespeare Oil Co INC

**32-18S.-29W. Lane, KS**

202 W Main St  
Salem, IL 62881

**Sherrie # 1-32**

Job Ticket: 68443

**DST#: 2**

ATTN: Vern Schrag

Test Start: 2022.05.13 @ 07:11:00

## GENERAL INFORMATION:

Formation: **Mid Creek-LKC L**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:45:50

Time Test Ended: 12:23:20

Test Type: Conventional Bottom Hole (Reset)

Tester: Martine Salinas

Unit No: 81

Interval: **4291.00 ft (KB) To 4310.00 ft (KB) (TVD)**

Reference Elevations: 2838.00 ft (KB)

Total Depth: 4310.00 ft (KB) (TVD)

2828.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

**Serial #: 8734 Outside**

Press@RunDepth: 27.95 psig @ 4292.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.05.13

End Date: 2022.05.13

Last Calib.: 2022.05.13

Start Time: 07:11:01

End Time: 12:23:20

Time On Btm: 2022.05.13 @ 08:45:40

Time Off Btm: 2022.05.13 @ 10:32:50

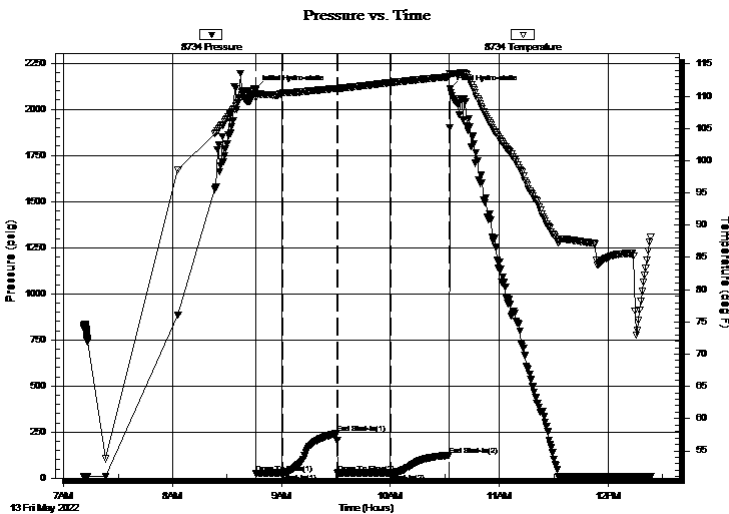
TEST COMMENT: 15-IF-Blow built to 1/4"

30-ISI-No return

30-FF-No blow

30-FSI-No return

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2109.25	110.89	Initial Hydro-static
1	24.32	109.71	Open To Flow (1)
16	27.38	110.55	Shut-In(1)
45	243.13	111.21	End Shut-In(1)
46	27.20	111.12	Open To Flow (2)
75	27.95	112.10	Shut-In(2)
107	123.62	113.00	End Shut-In(2)
108	2109.29	113.52	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
3.00	100% Mud w /Oil spots	0.04

## Gas Rates

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

\* Recovery from multiple tests





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

hakespeare Oil Co INC

**32-18S.-29W. Lane, KS**

202 W Main St  
Salem, IL 62881

**Sherrie # 1-32**

Job Ticket: 68443

**DST#: 2**

ATTN: Vern Schrag

Test Start: 2022.05.13 @ 07:11:00

## 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: 60.00 sec/qt

Cushion Volume:

bbbl

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

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2215.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
3.00	100% Mud w /Oil spots	0.042

Total Length: 3.00 ft      Total Volume: 0.042 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

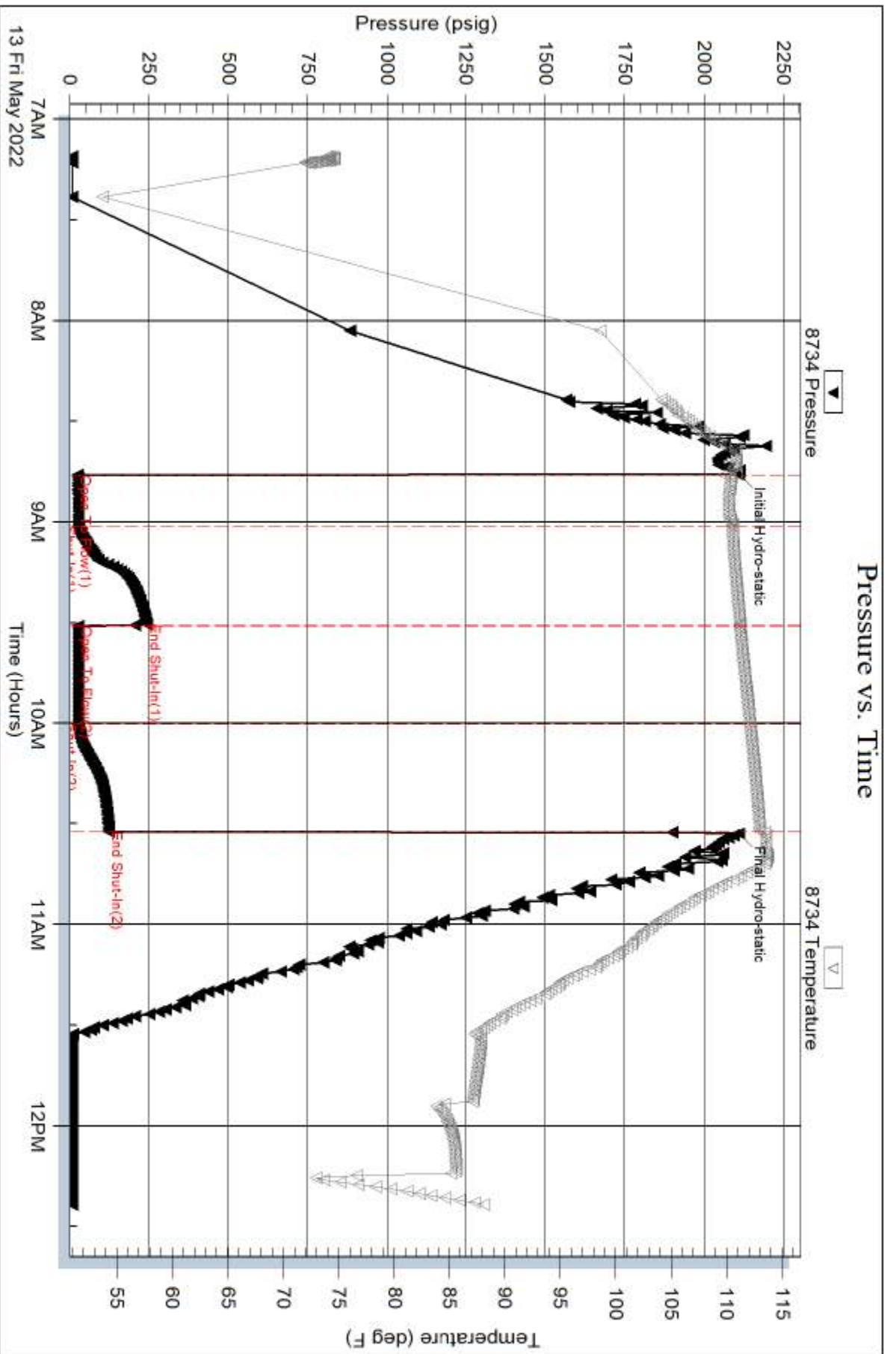
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





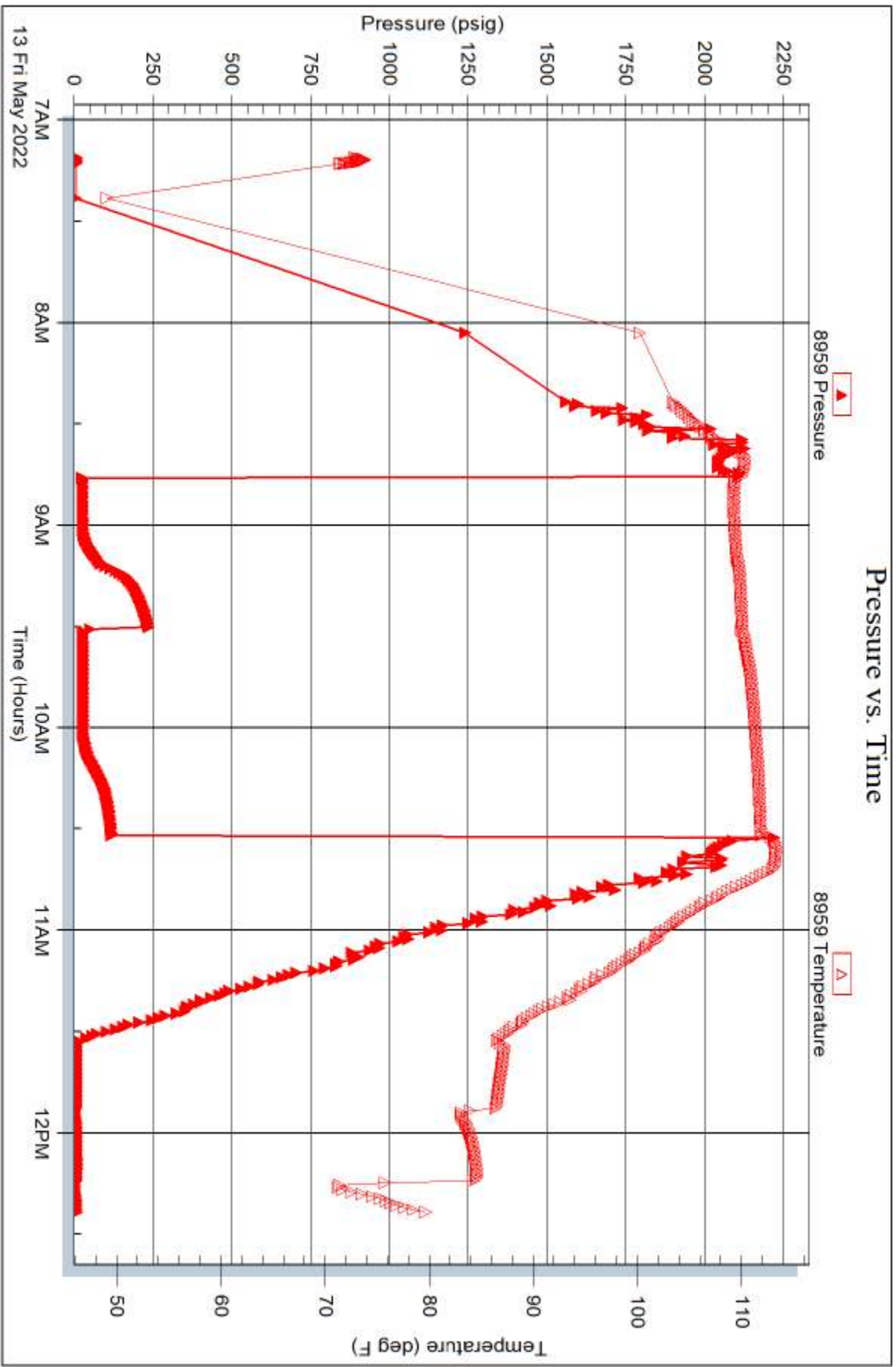
Serial #: 8959

Inside

Shakespeare Oil Co INC

Sherrie # 1-32

DST Test Number: 2





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Shakespeare Oil Co INC

**32-18S.-29W. Lane, KS**

202 W Main St  
Salem, IL 62881

**Sherrie # 1-32**

Job Ticket: 68444

**DST#: 3**

ATTN: Vern Schrag

Test Start: 2022.05.14 @ 02:33:00

## GENERAL INFORMATION:

Formation: **Altamont**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:25:52

Time Test Ended: 09:14:42

Test Type: Conventional Bottom Hole (Reset)

Tester: Martine Salinas

Unit No: 81

**Interval: 4383.00 ft (KB) To 4440.00 ft (KB) (TVD)**

Reference Elevations: 2838.00 ft (KB)

Total Depth: 4440.00 ft (KB) (TVD)

2828.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

**Serial #: 8734 Outside**

Press@RunDepth: 31.64 psig @ 4384.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.05.14 End Date: 2022.05.14

Last Calib.: 2022.05.14

Start Time: 02:33:03 End Time: 09:14:42

Time On Btm: 2022.05.14 @ 05:25:42

Time Off Btm: 2022.05.14 @ 07:13:32

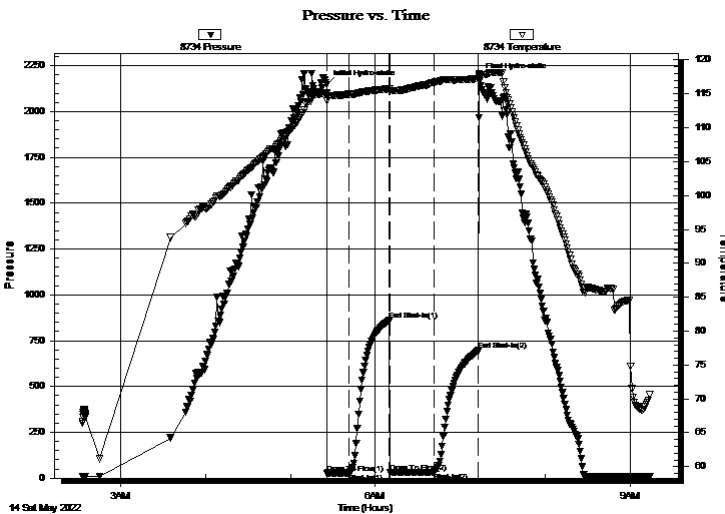
TEST COMMENT: 15-IF-Blow built to 1/2"

30-ISI-No return

30-FF-No blow

30-FSI-No return

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2147.08	115.11	Initial Hydro-static
1	26.62	113.92	Open To Flow (1)
16	28.79	114.96	Shut-In(1)
45	861.56	115.76	End Shut-In(1)
45	30.14	115.47	Open To Flow (2)
76	31.64	116.67	Shut-In(2)
108	696.09	117.26	End Shut-In(2)
108	2187.42	117.80	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
10.00	SOCM 5%O, 95%M	0.14

## Gas Rates

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

\* Recovery from multiple tests





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

Shakespeare Oil Co INC

**32-18S.-29W. Lane, KS**

202 W Main St  
Salem, IL 62881

**Sherrie # 1-32**

Job Ticket: 68444

**DST#: 3**

ATTN: Vern Schrag

Test Start: 2022.05.14 @ 02:33:00

### 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: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2400.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

#### Recovery Table

Length ft	Description	Volume bbl
10.00	SOCM 5%O, 95%M	0.140

Total Length: 10.00 ft      Total Volume: 0.140 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

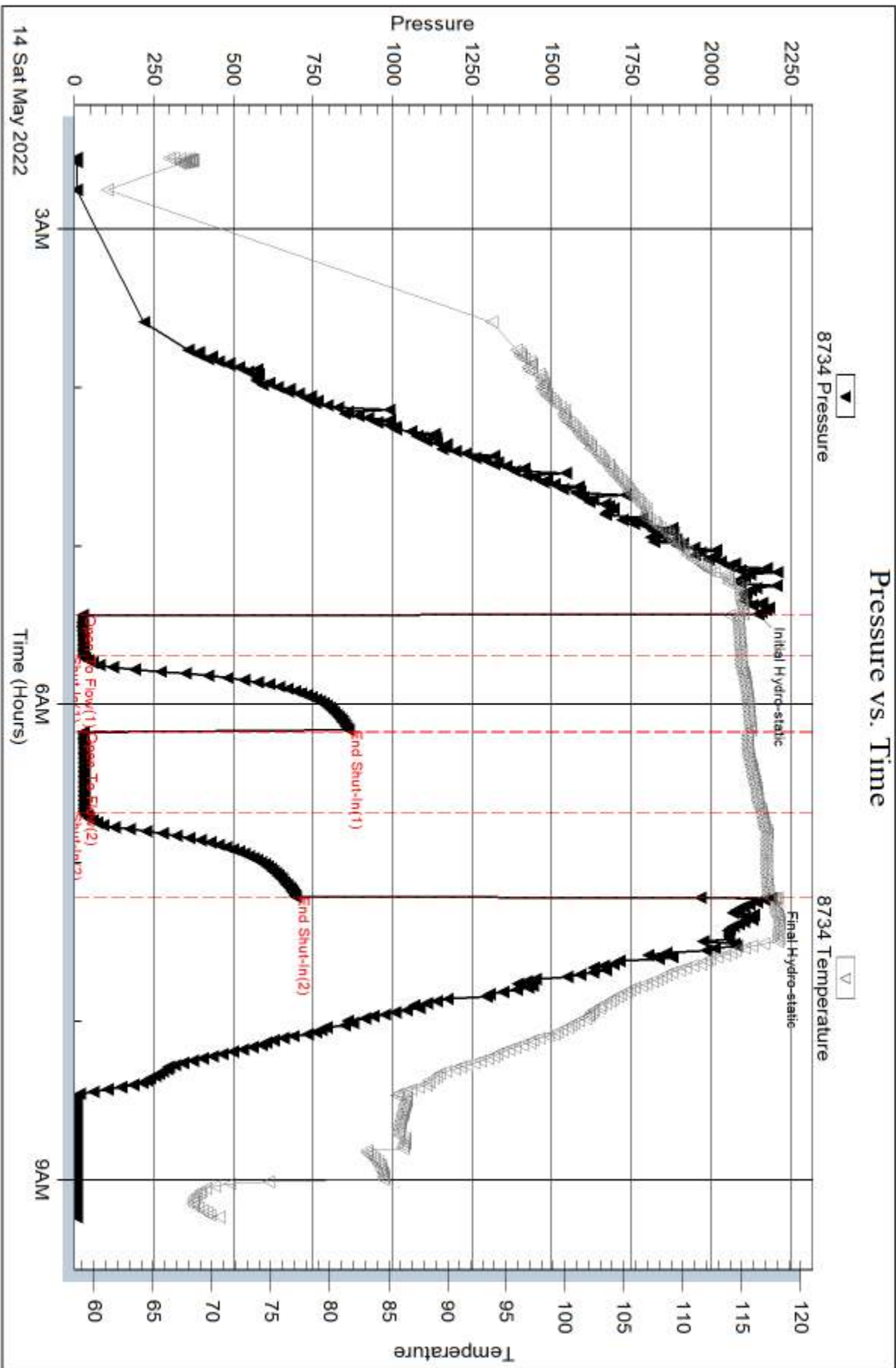
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





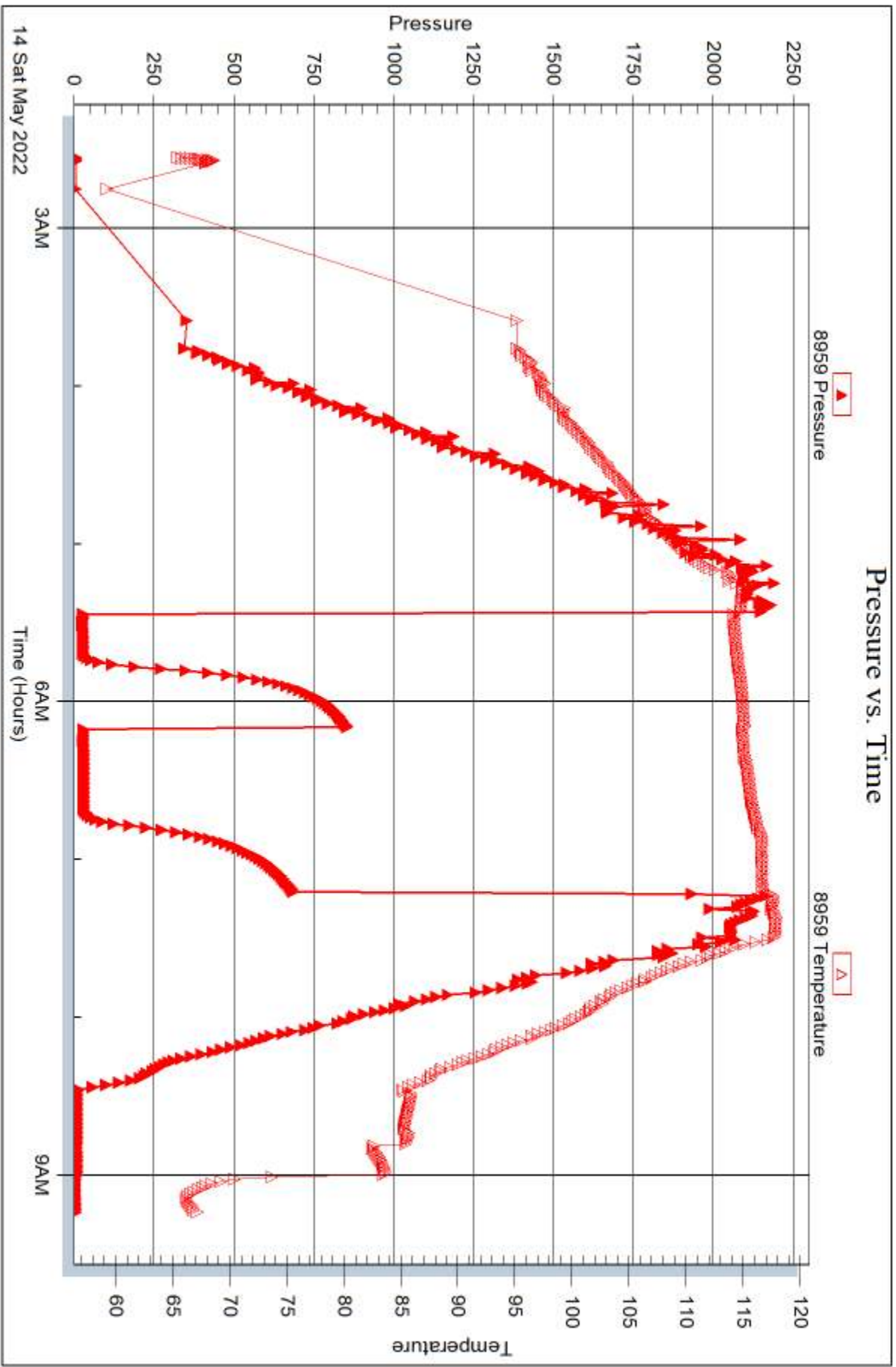
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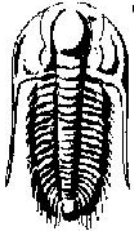
Inside

Shakespeare Oil Co INC

Sherrie # 1-32

DST Test Number: 3





**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

hakespeare Oil Co INC

**32-18S.-29W. Lane, KS**

202 W Main St  
Salem, IL 62881

**Sherrie # 1-32**

Job Ticket: 68445

**DST#: 4**

ATTN: Vern Schrag

Test Start: 2022.05.14 @ 20:05:00

## GENERAL INFORMATION:

Formation: **Pawnee/Ft.Scott**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:01:10

Time Test Ended: 02:32:50

Test Type: Conventional Bottom Hole (Reset)

Tester: Martine Salinas

Unit No: 81

**Interval: 4444.00 ft (KB) To 4524.00 ft (KB) (TVD)**

Total Depth: 4524.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2838.00 ft (KB)

2828.00 ft (CF)

KB to GR/CF: 10.00 ft

**Serial #: 8959**

**Inside**

Press @ Run Depth: 31.85 psig @ 4445.00 ft (KB)

Start Date: 2022.05.14

End Date: 2022.05.15

Start Time: 20:05:01

End Time: 02:32:50

Capacity: 8000.00 psig

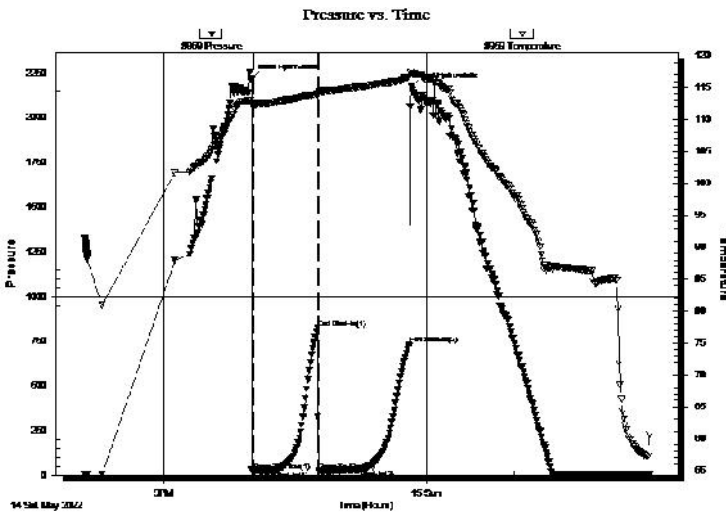
Last Calib.: 2022.05.15

Time On Btm: 2022.05.14 @ 21:59:40

Time Off Btm: 2022.05.14 @ 23:49:20

**TEST COMMENT:** 15-IF-Blow built to 1 1/2"  
30-ISI-No return  
30-FF-Blow built to 3 1/2"  
30-FSI-No return

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2216.65	113.01	Initial Hydro-static
2	28.22	112.29	Open To Flow (1)
17	28.25	112.71	Shut-In(1)
46	823.30	114.00	End Shut-In(1)
47	24.79	114.19	Open To Flow (2)
75	31.85	115.17	Shut-In(2)
109	735.32	116.73	End Shut-In(2)
110	2175.98	117.54	Final Hydro-static

## Recovery

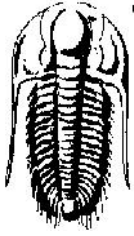
Length (ft)	Description	Volume (bbl)
20.00	GHOCM 7%G, 33%O, 60%M	0.28
5.00	CO 100%O	0.07
0.00	40' GIP	0.00

## Gas Rates

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

\* Recovery from multiple tests





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

hakespeare Oil Co INC

**32-18S.-29W. Lane, KS**

202 W Main St  
Salem, IL 62881

**Sherrie # 1-32**

Job Ticket: 68445

**DST#: 4**

ATTN: Vern Schrag

Test Start: 2022.05.14 @ 20:05:00

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

36.5 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.58 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	GHOCM 7%G, 33%O, 60%M	0.281
5.00	CO 100%O	0.070
0.00	40' GIP	0.000

Total Length: 25.00 ft      Total Volume: 0.351 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Gravity of oil = 36.5 @ 60 degs



Serial #: 8959

Inside

hakespeare Oil Co INC

Sherrie # 1-32

DST Test Number: 4

