

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 Recompletion Date _____ 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. 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) (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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HURRICANE SERVICES INC

Remit To: Hurricane Services, Inc.
250 N. Water, Suite 200
Wichita, KS 67202
316-303-9515

Customer:
SIROKY OIL MGMT INC
PO BOX 464
PRATT, KS 67124-0464

Invoice Date: 4/22/2022
Invoice #: 0360173
Lease Name: Hirt Farms
Well #: 2 (New)
County: Pratt, Ks
Job Number: WP2711
District: Pratt

Date/Description	HRS/QTY	Rate	Total
Production Casing	0.000	0.000	0.00
H-LD Cement Blend	150.000	46.000	6,900.00
H-Plug	50.000	12.880	644.00
5 1/2" Floatshoe-Flapper AFU	1.000	345.000	345.00
5 1/2" LD Plug & Baffle	1.000	322.000	322.00
Cement baskets 5 1/2"	2.000	276.000	552.00
5 1/2" Turbolizers	12.000	115.000	1,380.00
Mud flush	1,000.000	0.920	920.00
Light Eq Mileage	10.000	1.840	18.40
Heavy Eq Mileage	20.000	3.680	73.60
Ton Mileage Minimum	1.000	276.000	276.00
Cement Blending & Mixing	200.000	1.288	257.60
Depth Charge 4001'-5000'	1.000	2,300.000	2,300.00
Cement Data Acquisition	1.000	230.000	230.00
Service Supervisor	1.000	275.000	275.00
Cement Plug Container	1.000	230.000	230.00

Total 14,723.60

TERMS: Net 30 days. Interest may be charged on past due invoice at rate of 1 ½% per month or maximum allowed by applicable state or federal laws. HSI has right to revoke any discounts applied in arriving at net invoice price if invoice is past due. If revoked, full invoice price without discount plus additional sales tax, as applicable, is due immediately and subject to interest charges. Customer agrees to pay all collection costs directly or indirectly incurred by HSI in the event HSI engages a third party to pursue collection of past due invoice.

SALES TAX: Services performed on oil, gas and water wells in Kansas are subject to sales tax, with certain exceptions. HSI relies on the well information provided by the customer in identifying whether the services performed on wells qualify for exemption.

WE APPRECIATE YOUR BUSINESS!

Hurricane Services, Inc.
 250 N. Water St., Suite #200
 Wichita, KS 67202



Customer	Siroky Oil Management	Lease & Well #	Hirt Farms #2	Date	4/22/2022
Service District	Pratt Kansas	County & State	Pratt Kansas	Legals S/T/R	26-27s-12w
Job Type	Production Casing <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> SWD	New Well?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> No	Job #	
Equipment #	Driver	Ticket #			

Job Safety Analysis - A Discussion of Hazards & Safety Procedures					
916	M Brungardt	<input checked="" type="checkbox"/> Hard hat	<input checked="" type="checkbox"/> Gloves	<input type="checkbox"/> Lockout/Tagout	<input type="checkbox"/> Warning Signs & Flagging
176/5221	R Osborn	<input type="checkbox"/> H2S Monitor	<input checked="" type="checkbox"/> Eye Protection	<input type="checkbox"/> Required Permits	<input type="checkbox"/> Fall Protection
181/533	J Travino	<input checked="" type="checkbox"/> Safety Footwear	<input type="checkbox"/> Respiratory Protection	<input checked="" type="checkbox"/> Slip/Trip/Fall Hazards	<input type="checkbox"/> Specific Job Sequence/Expectations
vap	Scotty	<input checked="" type="checkbox"/> FRC/Protective Clothing	<input type="checkbox"/> Additional Chemical/Acid PPE	<input checked="" type="checkbox"/> Overhead Hazards	<input checked="" type="checkbox"/> Muster Point/Medical Locations
		<input type="checkbox"/> Hearing Protection	<input checked="" type="checkbox"/> Fire Extinguisher	<input type="checkbox"/> Additional concerns or issues noted below	

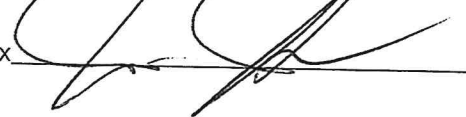
Comments

Product/ Service Code	Description	Unit of Measure	Quantity	Net Amount
cp014	H-LD Cement Blend	sack	150.00	\$6,900.00
cp055	H-Plug	sack	50.00	\$644.00
fe145	5 1/2" Float Shoe - AFU Flapper Type	ea	1.00	\$345.00
fe170	5 1/2" Latch Down Plug & Baffle	ea	1.00	\$322.00
fe130	5 1/2" Cement Basket	ea	2.00	\$552.00
fe135	5 1/2 Turbolizer	ea	12.00	\$1,380.00
cp170	Mud Flush	gal	1,000.00	\$920.00
m015	Light Equipment Mileage	mi	10.00	\$18.40
m010	Heavy Equipment Mileage	mi	20.00	\$73.60
m025	Ton Mileage - Minimum	each	1.00	\$276.00
c050	Cement Blending & Mixing Service	sack	200.00	\$257.60
d015	Depth Charge: 4001'-5000'	job	1.00	\$2,300.00
c005	Cement Data Acquisition	job	1.00	\$230.00
r051	Service Supervisor	day	1.00	\$275.00
c050	Cement Plug Container	job	1.00	\$230.00

Customer Section: On the following scale how would you rate Hurricane Services Inc.?

Total Taxable		\$ -	Tax Rate:		Net:	\$14,723.60
Based on this job, how likely is it you would recommend HSI to a colleague?		State tax laws deem certain products and services used on new wells to be sales tax exempt. Hurricane Services relies on the customer provided well information above to make a determination. If services and/or products are tax exempt.		Sale Tax:	\$ -	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				Total:	\$ 14,723.60	
Unlikely 1 2 3 4 5 6 7 8 9 10 Extremely Likely		HSI Representative: <i>Mark Brungardt</i>				

TERMS: Cash in advance unless Hurricane Services Inc. (HSI) has approved credit prior to sale. Credit terms of sale for approved accounts are total invoice due on or before the 30th day from the date of invoice. Past due accounts shall pay interest on the balance past due at the rate of 1 1/2% per month or the maximum allowable by applicable state or federal laws. In the event it is necessary to employ an agency and/or attorney to affect the collection, Customer hereby agrees to pay all fees directly or indirectly incurred for such collection. In the event that Customer's account with HSI becomes delinquent, HSI has the right to revoke any discounts previously applied in arriving at net invoice price. Upon revocation, the full invoice price without discount is immediately due and subject to collection. Prices quoted are estimates only and are good for 30 days from the date of issue. Pricing does not include federal, state, or local taxes, or royalties and stated price adjustments. Actual charges may vary depending upon time, equipment, and material ultimately required to perform these services. Any discount is based on 30 days net payment terms or cash. **DISCLAIMER NOTICE:** Technical data is presented in good faith, but no warranty is stated or implied. HSI assumes no liability for advice or recommendations made concerning the results from the use of any product or service. The information presented is a best estimate of the actual results that may be achieved and should be used for comparison purposes and HSI makes no guarantee of future production performance. Customer represents and warrants that well and all associated equipment in acceptable condition to receive services by HSI. Likewise, the customer guarantees proper operational care of all customer owned equipment and property while HSI is on location performing services. The authorization below acknowledges the receipt and acceptance of all terms/conditions stated above, and Hurricane has been provided accurate well information in determining taxable services.

X  CUSTOMER AUTHORIZATION SIGNATURE



CEMENT TREATMENT REPORT

Customer:	Siroky Oil Management	Well:	Hirt Farms #2	Ticket:	wp 2711
City, State:	Waldeck	County:	Pratt Kansas	Date:	4/22/2022
Field Rep:	Spencer Siroky	S-T-R:	26-27s-12w	Service:	Production Casing

Downhole Information	
Hole Size:	7 7/8 in
Hole Depth:	4489 ft
Casing Size:	5 1/2 in
Casing Depth:	4449 ft
Tubing / Liner:	in
Depth:	ft
Tool / Packer:	
Tool Depth:	ft
Displacement:	bbbls

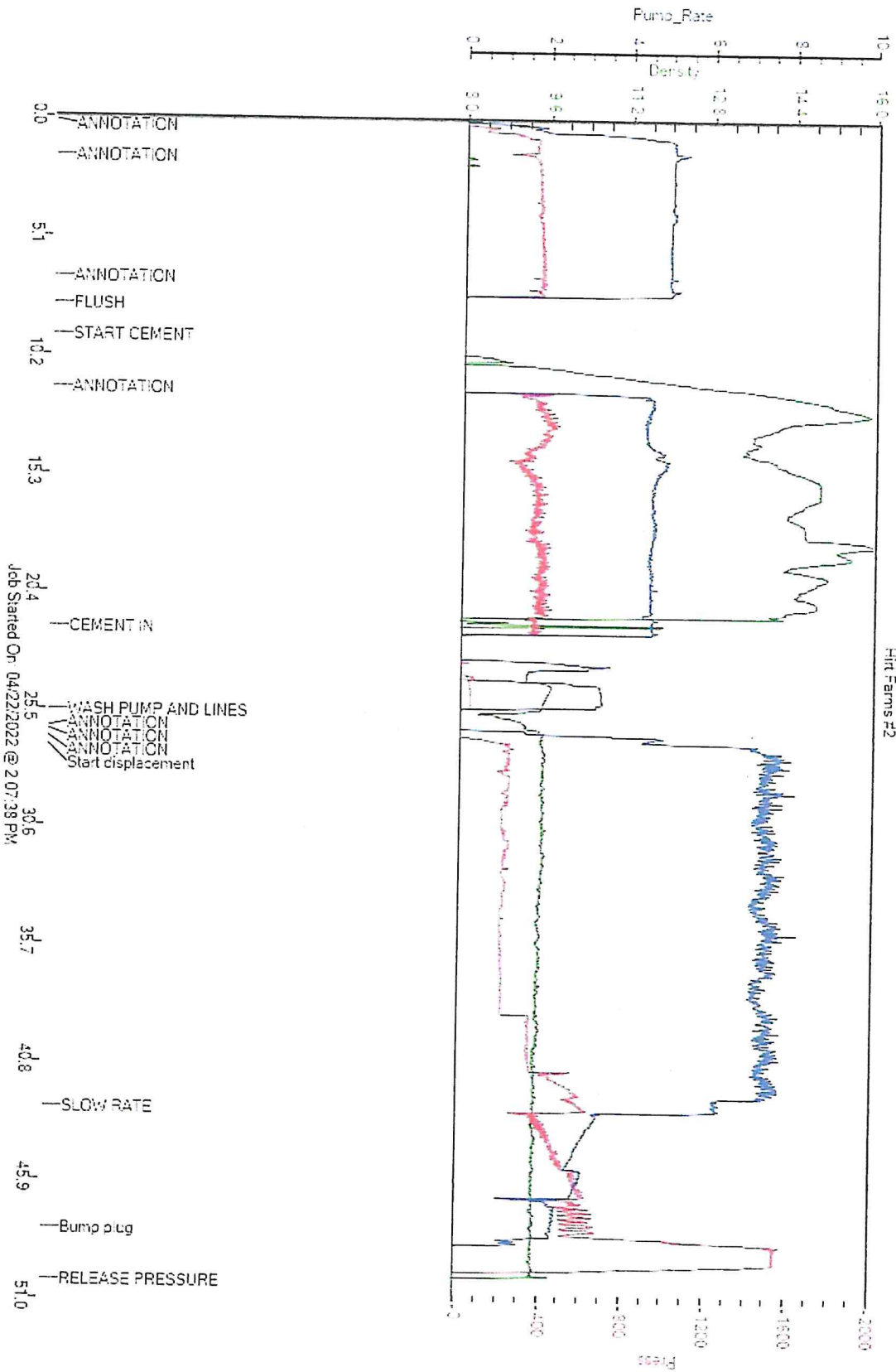
Calculated Slurry - Lead	
Blend:	H-LD
Weight:	15.0 ppg
Water / Sx:	5.9 gal / sx
Yield:	1.43 ft ³ / sx
Annular Bbls / Ft.:	bbs / ft.
Depth:	ft
Annular Volume:	0.0 bbls
Excess:	
Total Slurry:	38.2 bbls
Total Sacks:	150 sx

Calculated Slurry - Tail	
Blend:	H-plug
Weight:	13.7 ppg
Water / Sx:	6.9 gal / sx
Yield:	1.43 ft ³ / sx
Annular Bbls / Ft.:	bbs / ft.
Depth:	ft
Annular Volume:	0 bbls
Excess:	
Total Slurry:	12.7 bbls
Total Sacks:	50 sx

TIME	RATE	PSI	STAGE BBLs	TOTAL BBLs	REMARKS
11:30 AM			-	-	on location job and safety
11:45 AM			-	-	spot trucks and rig up
			-	-	turbolizers 1,3,5,7,9,11,13,16,19,21,23,26
			-	-	baskets 7,26
10:45 AM			-	-	start casing in the hole
1:25 PM			-	-	casing on bottom and circulate
			-	-	
2:15 PM			-	-	start flush
	5.0		5.0	5.0	fresh water
	5.0		24.0		mud flush
	5.0		5.0	5.0	fresh water
2:20 PM					flush in
2:25 PM					start cement down hole
	4.5	400.0	38.2		mix 150 sacks
2:35 PM					cement in and shut down
					wash pump and lines
2:40 PM					start displacement
	6.5	220.0	20.0		
	6.5	220.0	40.0		lost circulation at 50 bbls displacement and got returns back at b70 bbl
	6.5	220.0	60.0		
	6.5	350.0	65.0		
	3.0	600.0	103.0		
3:00 PM	3.0	600.0	107.0		plug down,,,600 to 1500,,,,,float held
3:10 PM	2.0	-	12.7		plug rat hole 50 sacks,,,mouse hole 20 sacks

CREW		UNIT	SUMMARY		
Cementer:	M Brungardt	916	Average Rate	Average Pressure	Total Fluid
Pump Operator:	R Osborn	176/5221	4.9 bpm	326 psi	480 bbls
Bulk #1:	J Travino	181/533			
Bulk #2:	Scotty	vap			

Siroky
Hirt Farms #2



Siroky Hirt Farms production casing IMPaccdh 1



HURRICANE SERVICES INC

Remit To: Hurricane Services, Inc.
250 N. Water, Suite 200
Wichita, KS 67202
316-303-9515

Customer:

SIROKY OIL MGMT INC
PO BOX 464
PRATT, KS 67124-0464

Invoice Date: 4/12/2022
Invoice #: 0360110
Lease Name: Hirt Farms
Well #: 2 (New)
County: Pratt, Ks
Job Number: WP2665
District: Pratt

Date/Description	HRS/QTY	Rate	Total
Surface Casing	0.000	0.000	0.00
Cement Pozmix 60/40	275.000	13.800	3,795.00
Calcium Chloride	711.000	0.690	490.59
Cello Flake	69.000	1.610	111.09
Light Eq Mileage	10.000	1.840	18.40
Heavy Eq Mileage	20.000	3.680	73.60
Ton Mileage Minimum	1.000	276.000	276.00
Cement Blending & Mixing	275.000	1.288	354.20
Depth Charge 0'-500'	1.000	920.000	920.00
Cement Data Acquisition	1.000	230.000	230.00
Service Supervisor	1.000	275.000	275.00

ENTERED
APR 29 2022

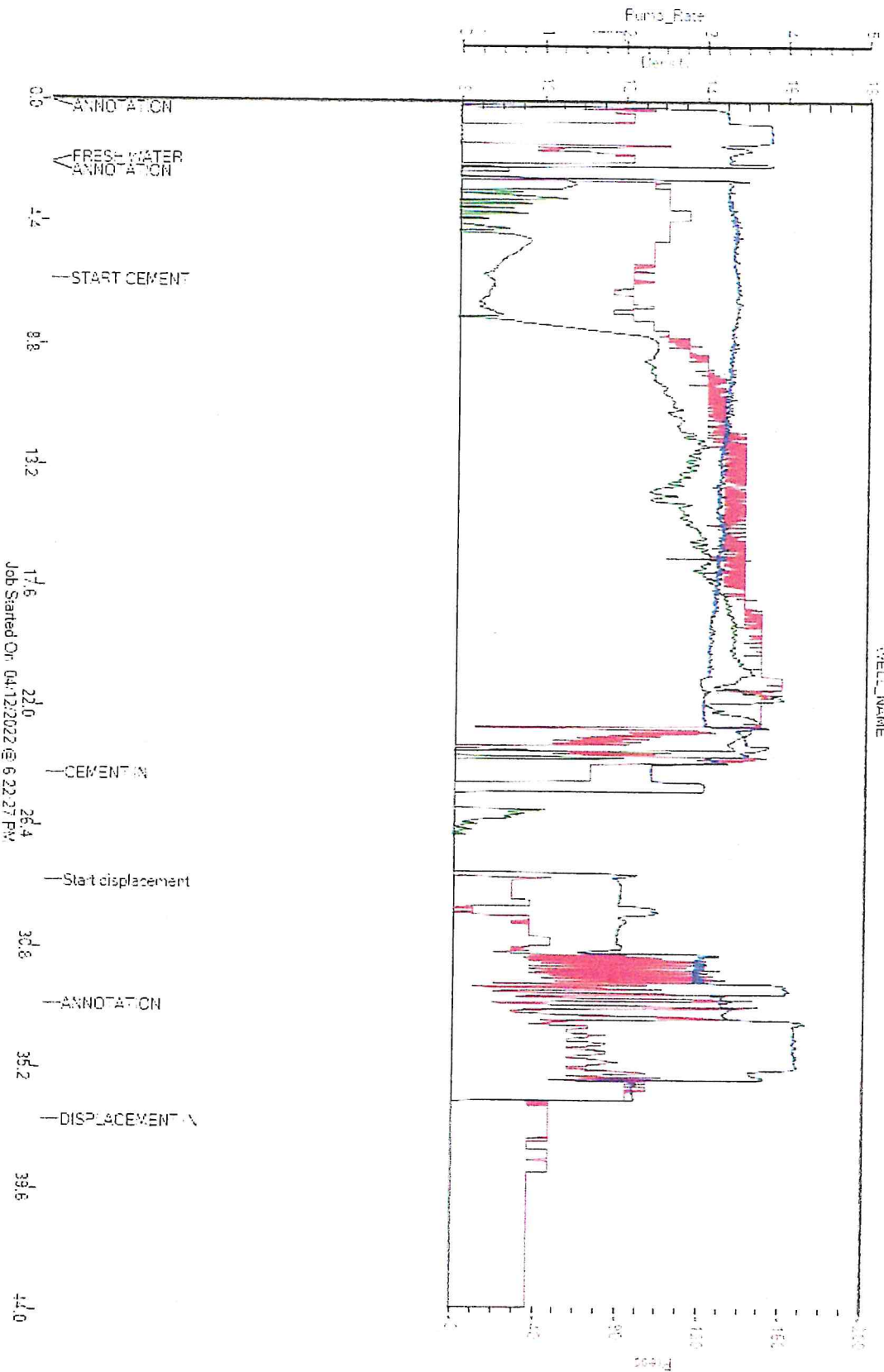
Total 6,543.88

TERMS: Net 30 days. Interest may be charged on past due invoice at rate of 1 ½% per month or maximum allowed by applicable state or federal laws. HSI has right to revoke any discounts applied in arriving at net invoice price if invoice is past due. If revoked, full invoice price without discount plus additional sales tax, as applicable, is due immediately and subject to interest charges. Customer agrees to pay all collection costs directly or indirectly incurred by HSI in the event HSI engages a third party to pursue collection of past due invoice.

SALES TAX: Services performed on oil, gas and water wells in Kansas are subject to sales tax, with certain exceptions. HSI relies on the well information provided by the customer in identifying whether the services performed on wells qualify for exemption.

WE APPRECIATE YOUR BUSINESS!

CUSTOMER
WELL_NAME



sirokey Hirt farms #2 [MP:acdb 1

MUD LOG

WellSight Systems

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

Measured Depth Log

Well Name: **Hirt Farms #2**
 Location: **15-151-22542**
 API: **NE SW SE NE2 Sec 26-27S-12W**
 License Number: **3959**
 Spud Date: **4/12/2022**
 Surface Coordinates: **NAD27 Long - NAD27 Lat:**

Drilling Completed: **4/21/2022**
 Drilling Region: **Pratt Anticline**

Bottom Hole Coordinates:
 Ground Elevation (ft): **1798** K.B. Elevation (ft): **1806**
 Logged Interval (ft): **3600** To: **4460** Total Depth (ft): **4460**
 Formation: **Simpson**
 Type of Drilling Fluid: **Chemical Mud**

Printed by MudLog from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: **Siroky Oil Management Inc**
 Address: **10213 Bluestem Blvd Pratt, KS 67124**

GEOLOGIST

Name: **Ryan Davis**
 Company: **Red Oak Energy Inc**
 Address: **7701 E Kellogg St #710 Wichita, KS 67207**

Comments

After review of E-Logs, DST results, drill cutting samples and structural position, it is recommended to continue to test the Swope Ls (K zone), as well as other zones of interest through 5.5" production casing.

General Information

Service Companies

Drilling contractor: **Fossil Drilling - Rig 5** Drilling Fluid: **Mud-Ce/Sealover Mud**
 Tool Pusher: **John Rouse** Engineer: **Brad Bortz**
 Daylight Driller: **Derek Petz**
 Evening Driller: **Chris Staats**
 Morning Driller: **Jeffery Kramer** Logging Company: **ELI**
 Gas Detector: **None** Engineer: **Taylor Dreiling**
 Engineer: **None** Testing Company: **Trilobite Testing**
 Unit: **None** Tester: **Eric Burgess**
 Operator By: **None** Pipe # **80**

Deviation Survey	
Depth	Survey
270	0.5
907	1
1412	1
2123	1
3778	1

Pipe Strap	
Depth	Pipe Strap
3921	5.5" short

Bit Record								
Bit #	Size	Make	Type	Serial #	Depth In	Depth Out	Feet	Hours
1	12.5	BILLS	FH	1336	0	270	170	3
2	7.875	SMITH	MH16	JV6438	270	4458	4188	59

Surface Casing

12.20.2021 Ran 6 joints of new 32" S 625" casing, set @ 265' KB. Cemented w/ 275 sls (60/40 PO2).
 Cement did circulate. Plug down @ 7pm on 4/12/2022.

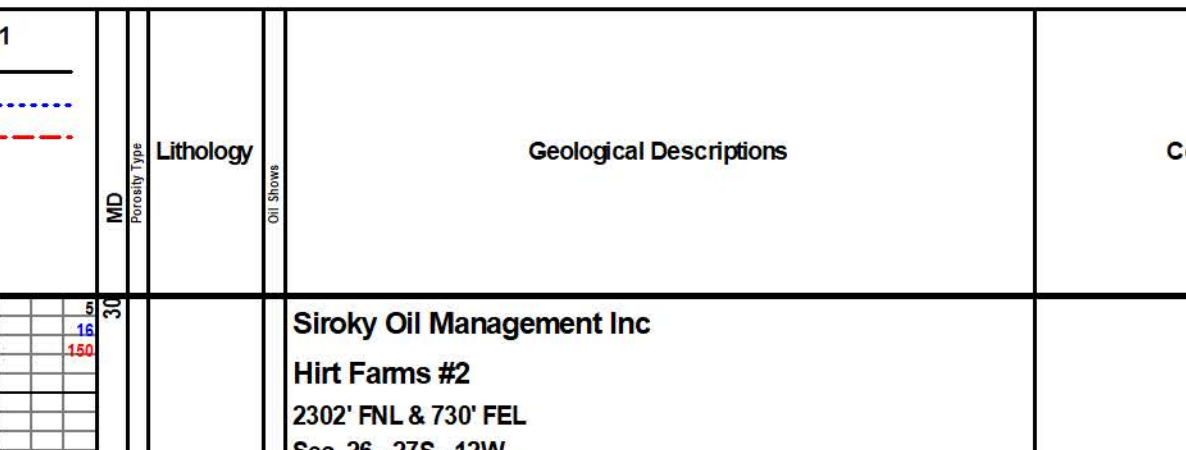
Drilling Well				Comparison Well			
Sample	SS	Log MD	SS	Log MD	SS	Sample	Log
3481	-1675	3489	-1653	3480	-1638	-	-
3636	-1830	3640	-1834	3677	-1835	-	3608
3804	-1988	3802	-1996	3842	-2000	-4	3777
3987	-2051	3986	-2052	3938	-2054	-2	3959
3938	-2132	3935	-2129	3974	-2132	-3	3905
4030	-2214	3997	-2191	4039	-2197	-5	3971
4028	-2242	4032	-2226	4073	-2233	-6	4006
4085	-2279	4086	-2280	4124	-2282	-2	4006
4228	-2422	4228	-2422	4275	-2433	-11	4189
4288	-2482	4289	-2484	4328	-2486	-2	4257
4377	-2571	4374	-2568	4417	-2576	-5	4346
4460	-2654	4458	-2652	4607	-2765	-6	4359

DRILL STEM TEST REPORT

Company: **Siroky Oil Management** Well Name: **Hirt Farms #2** Job Name: **68908** DST#: **1**
 Address: **10213 Bluestem Blvd Pratt, KS 67124** Test Date: **2022.04.19 @ 03:31:00**

GENERAL INFORMATION:
 Formation: **Lansing H** Wellbore: **S (H)** Test Type: **Conventional Bottom Hole (H)**
 Deviated: **No** Wellbore: **S (H)** Test Type: **Conventional Bottom Hole (H)**
 Time Test Opened: **06:11:55** Time Test Closed: **13:55:49** Test Type: **Conventional Bottom Hole (H)**
 Interval: **3846.00 ft (H) To 3824.00 ft (H) (TVG)** Reference Elevation: **1926.00 ft (H)**
 Total Depth: **3824.00 ft (H) (TVG)** Wellbore: **S (H)** Test Type: **Conventional Bottom Hole (H)**
 Hole Diameter: **7.875 inches** Increase in Diameter: **Fair** Wellbore: **S (H)** Test Type: **Conventional Bottom Hole (H)**

TEST COMMENT:
 P 16.58 psi 18 Choke B/B 8.9 sec @ 102.56" (30)
 60.31" Blow Back (30)
 P 15.77" 18 Choke (30)
 P 16.19" 18 Choke (30)
 P 16.19" 18 Choke (30)



Time (min)	Pressure (psi)	Annometer (psi)
0	1925.38	116.20
1	1925.38	116.20
2	1925.38	116.20
3	1925.38	116.20
4	1925.38	116.20
5	1925.38	116.20
6	1925.38	116.20
7	1925.38	116.20
8	1925.38	116.20
9	1925.38	116.20
10	1925.38	116.20

Unit #	Separator	Value (psi)	Pressure (psi)	Flow Rate (gpm)
10.00	60CM 12940 2296M	0.00		
0.00	919 CP	0.00		

Trilobite Testing, Inc Ref No: 68908 Printed: 2022.04.19 @ 14:51:51

DRILL STEM TEST REPORT

Company: **Siroky Oil Management** Well Name: **Hirt Farms #2** Job Name: **68908** DST#: **2**
 Address: **10213 Bluestem Blvd Pratt, KS 67124** Test Date: **2022.04.19 @ 03:31:00**

GENERAL INFORMATION:
 Formation: **Lansing H** Wellbore: **S (H)** Test Type: **Conventional Bottom Hole (H)**
 Deviated: **No** Wellbore: **S (H)** Test Type: **Conventional Bottom Hole (H)**
 Time Test Opened: **06:11:55** Time Test Closed: **13:55:49** Test Type: **Conventional Bottom Hole (H)**
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Time (min)	Pressure (psi)	Annometer (psi)
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3	1925.38	116.20
4	1925.38	116.20
5	1925.38	116.20
6	1925.38	116.20
7	1925.38	116.20
8	1925.38	116.20
9	1925.38	116.20
10	1925.38	116.20

Unit #	Separator	Value (psi)	Pressure (psi)	Flow Rate (gpm)
10.00	60CM 12940 2296M	0.00		
0.00	919 CP	0.00		

Trilobite Testing, Inc Ref No: 68908 Printed: 2022.04.19 @ 13:35:21

ROCK TYPES

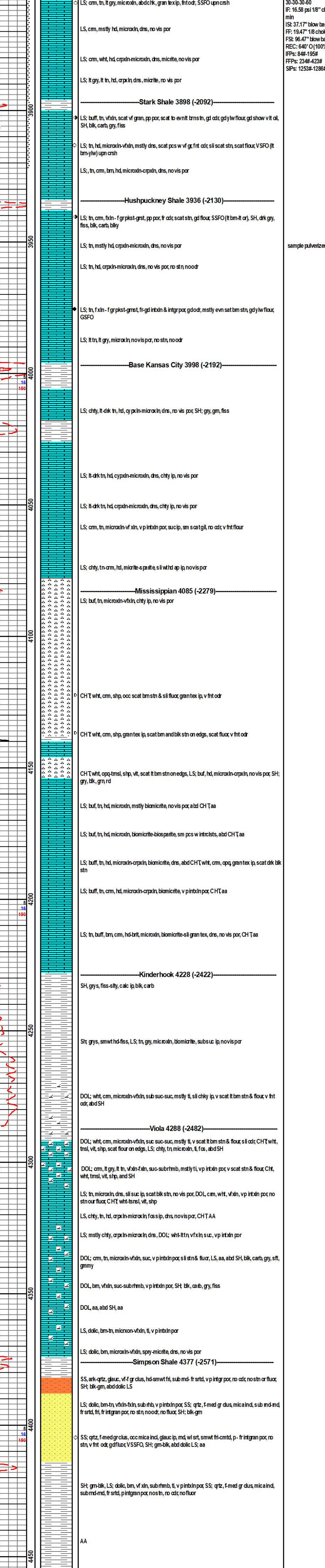
- Anhy
- Clyst
- Mist
- Shly
- Bent
- Coal
- Igne
- Salt
- Siltst
- Brc
- Dol
- Msta
- Shale
- S
- Cht
- Conl
- Meta
- Shcol
- Tll

ACCESSORIES

- MINERAL
- FOSSIL
- Ostra
- Sltstrg
- Anhy
- Hymyn
- Algae
- Pelcc
- Argn
- Knox
- Mam
- Biopl
- Pelc
- Pisclite
- Mnrl
- Beim
- Plnt
- Strom
- Nodul
- Brach
- Strom
- Phos
- Bryozoa
- STRINGER
- Cephal
- Coral
- Anhy
- Sandy
- Crin
- Arg
- Bent
- Silt
- Fish
- Coal
- Dol
- Gyp
- Sulphur
- Fossil
- Gastro
- Ls
- Tuff
- Oolite
- Mrst

OTHER SYMBOLS

- POROSITY
- SORTING
- ROUNDING
- Spotted
- Event
- Earthy
- Well
- Rounded
- Quoted
- Rit
- Finest
- Moderate
- Submd
- Dead
- Sidewall
- Fracture
- Poor
- Angular
- INTERVAL
- Core
- Organic
- Oil Show
- Even
- Dst
- Pinpoint



Respectfully submitted,
 Ryan Davis



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Siroky Oil Management

26-27S-12W Pratt Co

10213 Bluestem Blvd.
Pratt, KS. 67124

Hirt Farms #2

Job Ticket: 68935

DST#: 1

ATTN: Ryan Davis

Test Start: 2022.04.19 @ 03:31:00

GENERAL INFORMATION:

Formation: **Lansing H**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:02:40

Time Test Ended: 13:39:49

Test Type: Conventional Bottom Hole (Initial)

Tester: Eric Burgess

Unit No: 80

Interval: 3804.00 ft (KB) To 3824.00 ft (KB) (TVD)

Reference Elevations: 1806.00 ft (KB)

Total Depth: 3824.00 ft (KB) (TVD)

1798.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8369 Outside

Press@RunDepth: 36.30 psig @ 3805.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.04.19

End Date:

2022.04.19

Last Calib.:

2022.04.19

Start Time:

03:31:01

End Time:

13:39:49

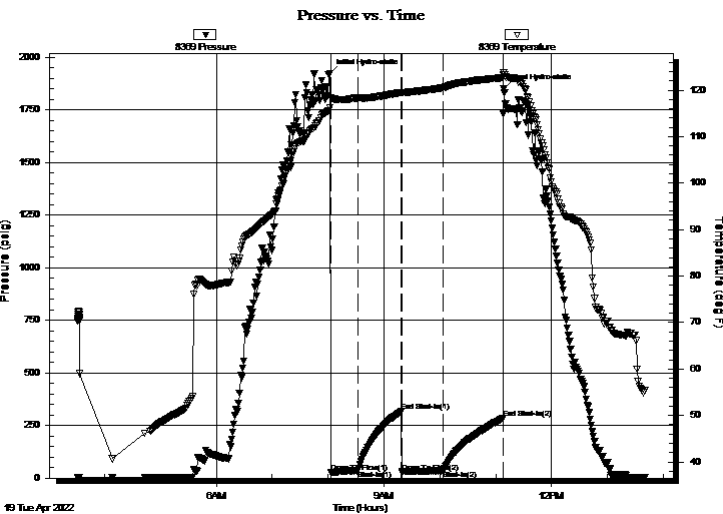
Time On Btm:

2022.04.19 @ 08:01:30

Time Off Btm:

2022.04.19 @ 11:08:40

TEST COMMENT: IF:Strong Building Blow built to 102.56" (30)
IS:No Blow Back (45)
FF:Strong Building Blow built 60.90" (45)
FS:No Blow Back (60)



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1923.36	116.20	Initial Hydro-static
2	25.89	118.29	Open To Flow (1)
31	36.15	118.28	Shut-In(1)
77	315.99	119.48	End Shut-In(1)
78	25.76	119.50	Open To Flow (2)
123	36.30	120.51	Shut-In(2)
187	285.67	122.68	End Shut-In(2)
188	1849.21	123.81	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	GOCM 15%G 20%O 65%M	0.05
0.00	819' GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Siroky Oil Management

26-27S-12W Pratt Co

10213 Bluestem Blvd.
Pratt, KS. 67124

Hirt Farms #2

Job Ticket: 68935

DST#: 1

ATTN: Ryan Davis

Test Start: 2022.04.19 @ 03:31:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 8000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
10.00	GOCM 15%G 20%O 65%M	0.049
0.00	819' GIP	0.000

Total Length: 10.00 ft Total Volume: 0.049 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

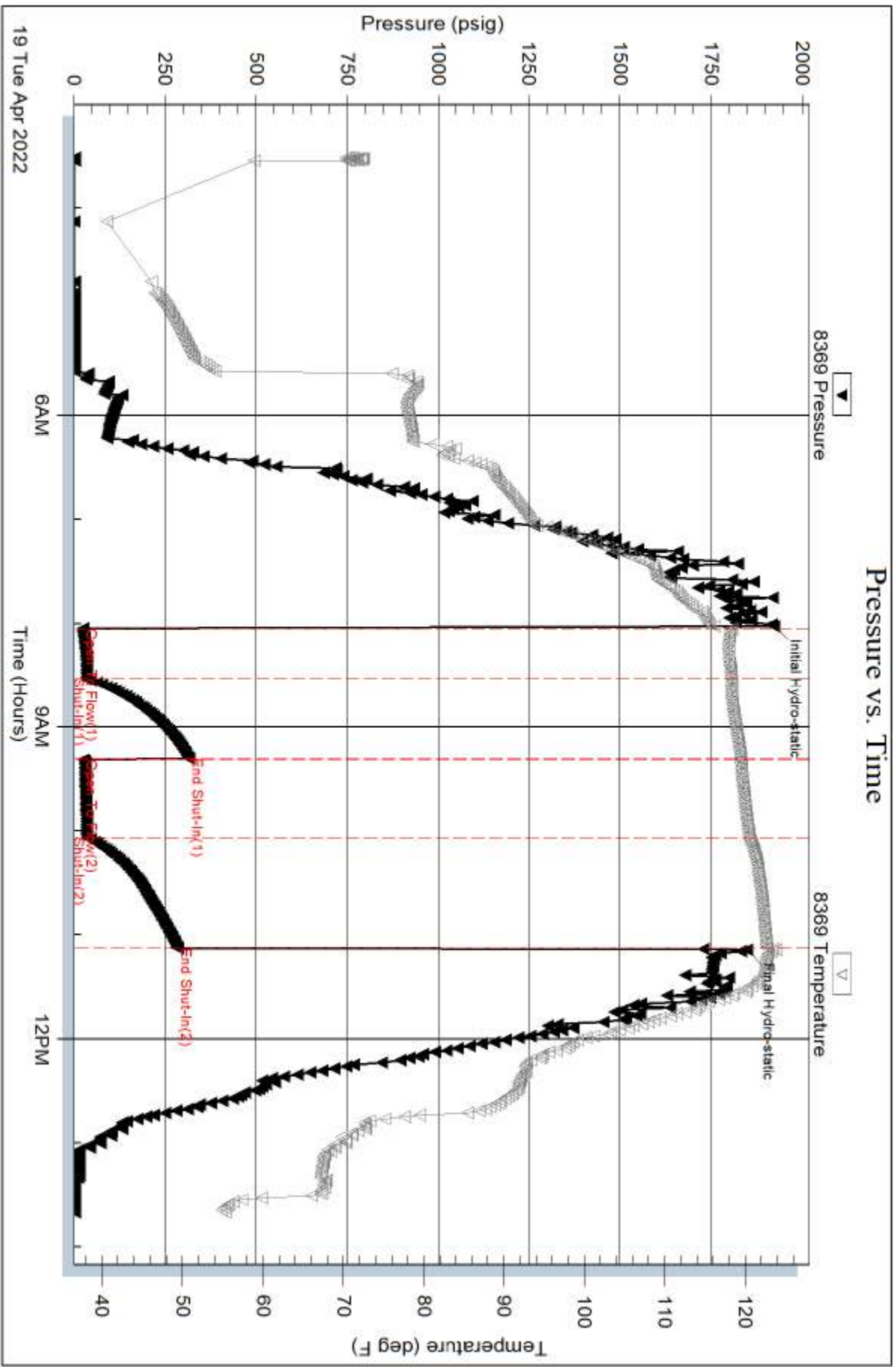
Recovery Comments:

Serial #: 8369

Outside Siroky Oil Management

Hirt Farms #2

DST Test Number: 1



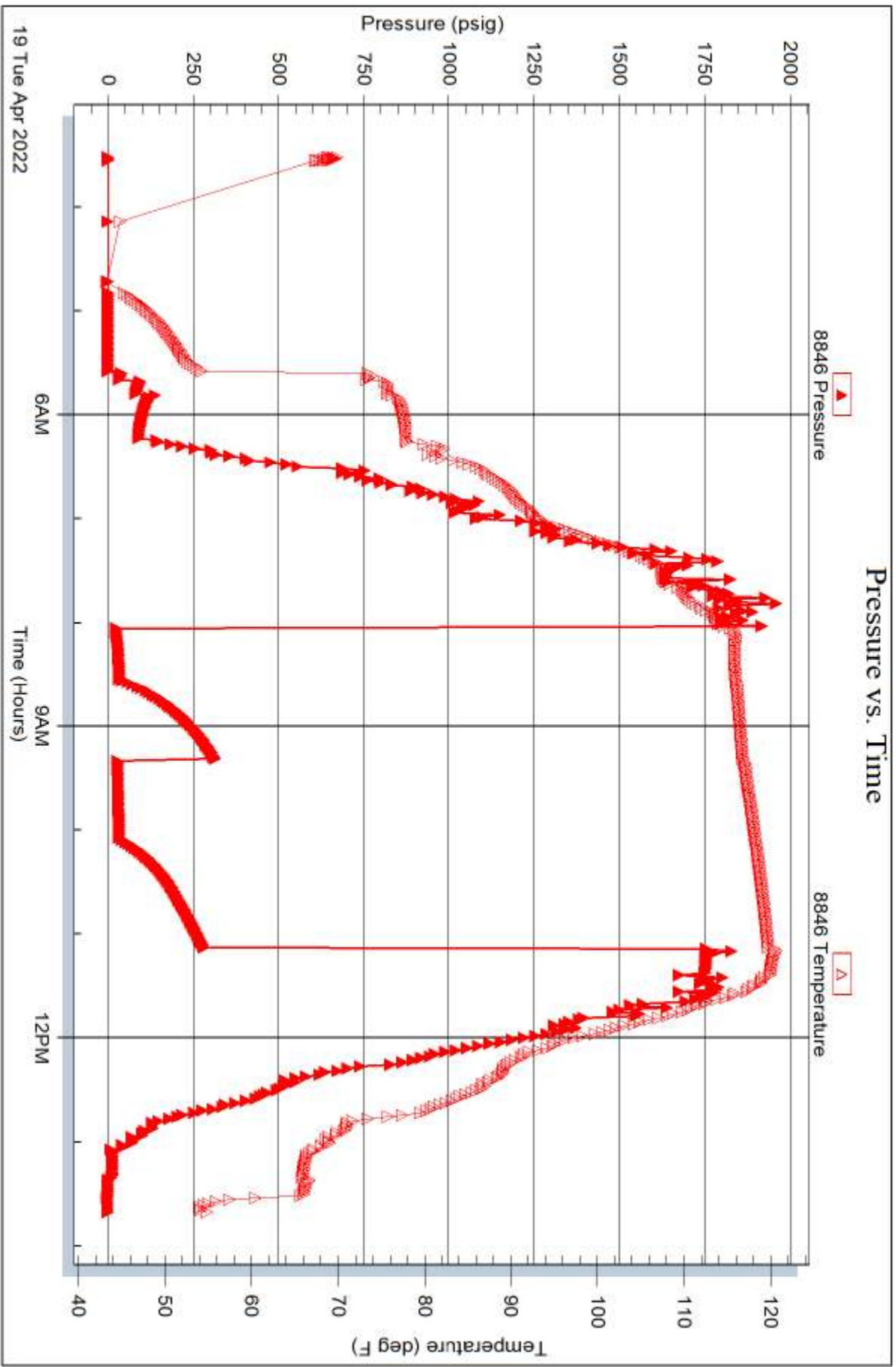
Serial #: 8846

Inside

Siroky Oil Management

Hirt Farms #2

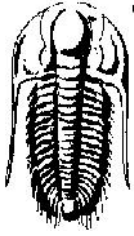
DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 68935

Printed: 2022.04.19 @ 14:51:52



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Siroky Oil Management
 10213 Bluestem Blvd.
 Pratt, KS. 67124
 ATTN: Ryan Davis

26-27S-12W Pratt Co
Hirt Farms #2
 Job Ticket: 68936 **DST#: 2**
 Test Start: 2022.04.20 @ 02:35:03

GENERAL INFORMATION:

Formation: **LKC I-K**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 06:11:13 Tester: Eric Burgess
 Time Test Ended: 12:40:03 Unit No: 80
 Interval: **3840.00 ft (KB) To 3921.00 ft (KB) (TVD)** Reference Elevations: 1806.00 ft (KB)
 Total Depth: 3921.00 ft (KB) (TVD) 1798.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 8.00 ft

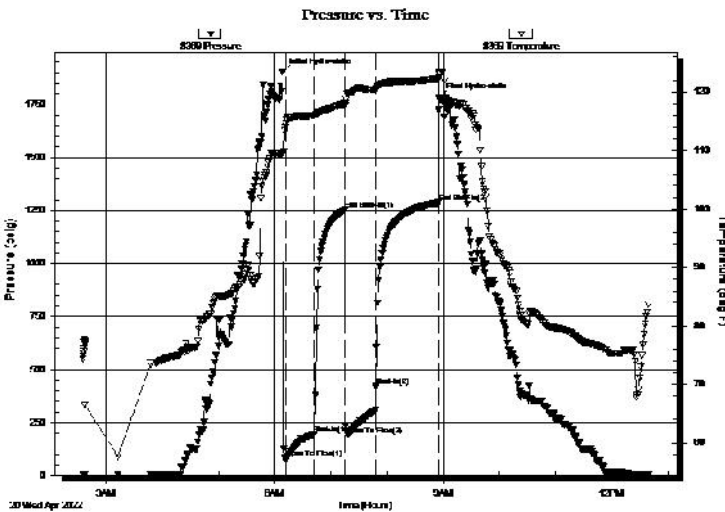
Serial #: 8369

Outside

Press@RunDepth: 422.77 psig @ 3844.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2022.04.20 End Date: 2022.04.20 Last Calib.: 2022.04.20
 Start Time: 02:35:04 End Time: 12:40:03 Time On Btm: 2022.04.20 @ 06:08:23
 Time Off Btm: 2022.04.20 @ 08:56:03

TEST COMMENT: IF:16.58 psi 1/8 Choke B.O.B 30 sec GTS 20 min. (30)
 IS:37.17" Blow Back (30)
 FF: 19.47" 1/8 Choke (30)
 FS:96.19" Blow Back (60)

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1901.22	109.73	Initial Hydro-static
3	84.40	113.99	Open To Flow (1)
34	194.80	116.04	Shut-In(1)
67	1253.71	118.04	End Shut-In(1)
68	234.27	117.73	Open To Flow (2)
100	422.77	120.49	Shut-In(2)
167	1286.66	122.29	End Shut-In(2)
168	1780.76	123.14	Final Hydro-static

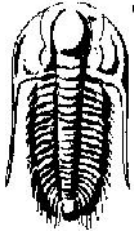
Recovery

Length (ft)	Description	Volume (bbl)
120.00	MCO 95%O 5%M	0.59
624.00	O 100%O	7.60

* Recovery from multiple tests

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	26.60	15.35
Last Gas Rate	0.13	19.47	12.68
Max. Gas Rate	0.13	26.60	15.35



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Siroky Oil Management

26-27S-12W Pratt Co

10213 Bluestem Blvd.
Pratt, KS. 67124

Hirt Farms #2

Job Ticket: 68936

DST#: 2

ATTN: Ryan Davis

Test Start: 2022.04.20 @ 02:35:03

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: 46.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
120.00	MCO 95%O 5%M	0.590
624.00	O 100%O	7.596

Total Length: 744.00 ft Total Volume: 8.186 bbl

Num Fluid Samples: 0

Num Gas Bombs: 1

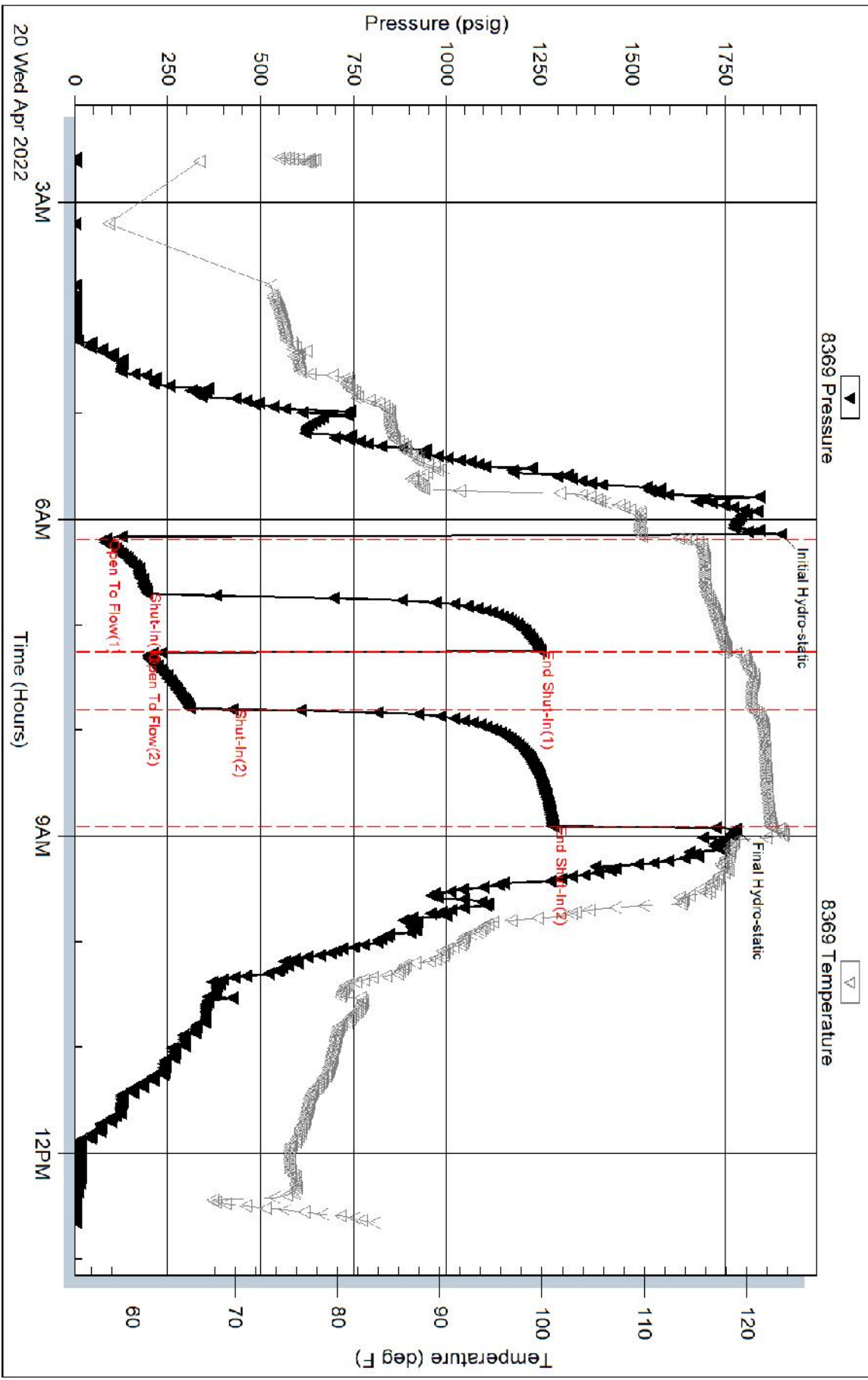
Serial #: P1

Laboratory Name:

Laboratory Location: Liberal, KS

Recovery Comments:

Pressure vs. Time



Serial #: 8846

Outside Siroky Oil Management

Hirt Farms #2

DST Test Number: 2

