

Confidentiality Requested:

 Yes NoKANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISIONForm ACO-1
January 2018Form must be Typed
Form must be Signed
All blanks must be FilledWELL 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 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: _____ (e.g. xx.xxxxx), Long: _____ (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 DistributionALT 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 (Attach Additional Sheets)	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
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:				

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

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 (Explain) _____				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)		METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled (Submit ACO-5) <input type="checkbox"/> Commingled (Submit ACO-4)				PRODUCTION INTERVAL: Top _____ Bottom _____	
--	--	--	--	--	--	---	--

Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record (Amount and Kind of Material Used)		
TUBING RECORD: Size: Set At: Packer At:							

Form	ACO1 - Well Completion
Operator	Dixon Operating Company, LLC
Well Name	KOPPITZ 9
Doc ID	1678304

All Electric Logs Run

DIL
PE
MEL
SONIC

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Operator	Dixon Operating Company, LLC						
Well Name	KOPPITZ 9						
Doc ID	1678304						

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12.25	8.625	23	272	60/40 poz	200	3% CC
Production	7.875	5.5	15.5	5417	common	240	12 bbl mud flush



CEMENT TREATMENT REPORT

Customer:	DIXON OPERATING CO. LLC	Well:	KOPPITZ 9	Ticket:	WP 3574
City, State:		County:	BARBER, KS.	Date:	11/1/2022
Field Rep:		S.T.R.:	2-35S-12W	Service:	SURFACE PIPE

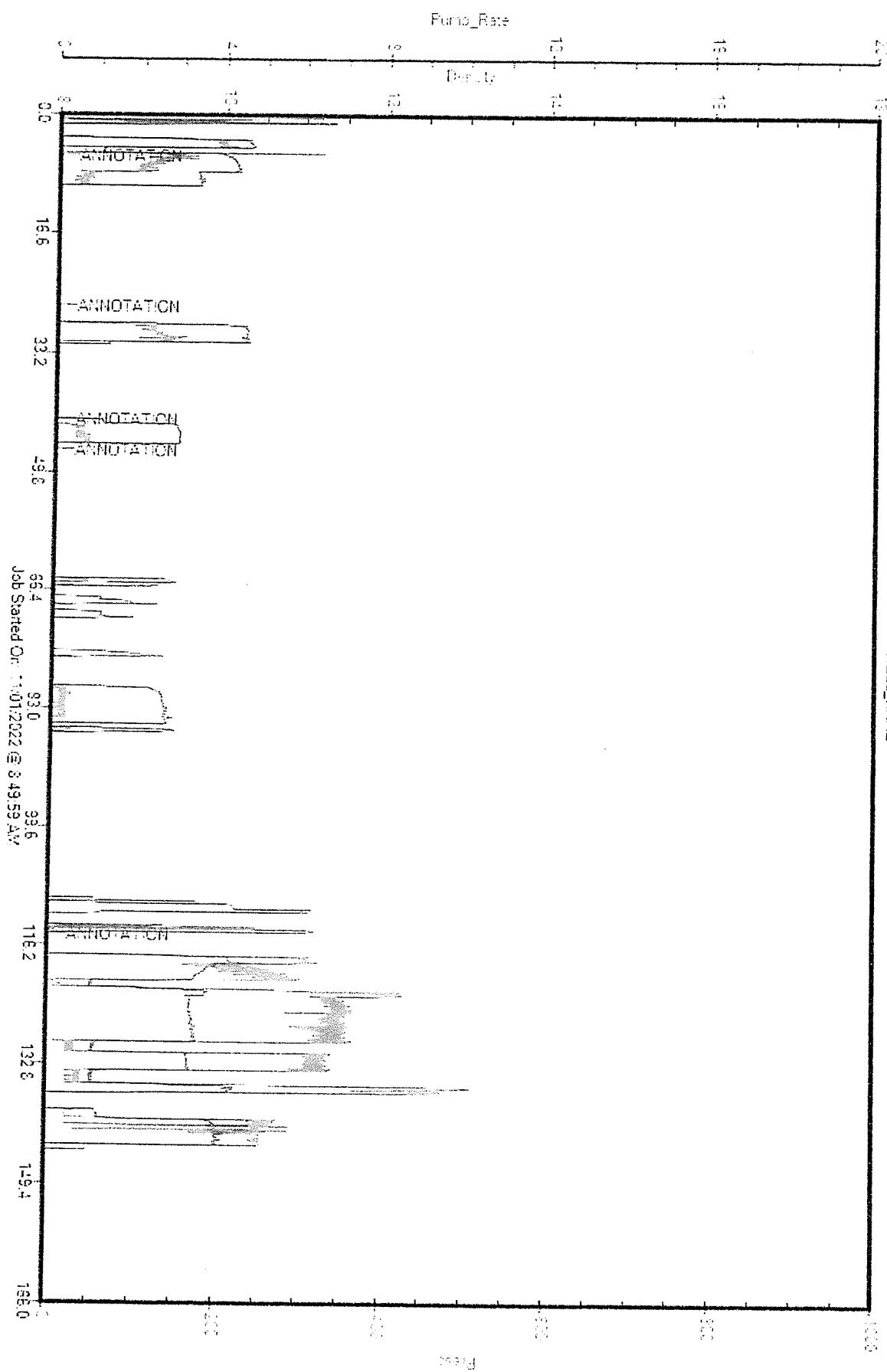
Downhole Information	
Hole Size:	12 1/4 in
Hole Depth:	272 ft
Casing Size:	8 5/8 in
Casing Depth:	267.9 ft
Tubing / Liner:	in
PLUG DEPTH:	247 ft
Tool / Packer:	
Tool Depth:	ft
Displacement:	15.8 bbls

Calculated Slurry - Lead	
Blend:	
Weight:	ppg
Water / Sx:	gal / sx
Yield:	ft ³ / sx
Annular Bbls / FC:	bbs / ft.
Depth:	ft
Annular Volume:	0.0 bbls
Excess:	
Total Slurry:	0.0 bbls
Total Sacks:	0 sx
TOTAL	

Calculated Slurry - Tail	
Blend:	60/40/2 POZMIX
Weight:	14.8 ppg
Water / Sx:	5.2 gal / sx
Yield:	1.21 ft ³ / sx
Annular Bbls / Ft³:	bbs / ft.
Depth:	ft
Annular Volume:	0 bbls
Excess:	
Total Slurry:	43.1 bbls
Total Sacks:	200 sx

CREW		UNIT		SUMMARY		
Cementer:	LESLEY	936		Average Rate	Average Pressure	Total Fluid
Pump Operator:	JULLIAN	181-522		3.2 bpm	260 psi	78 bbls
Bulk #1:	TREVINO	524-533				
Bulk #2:						

CUSTOMER
NAME





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 1/4% 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.

Jim Miller

CUSTOMER AUTHORIZATION SIGNATURE

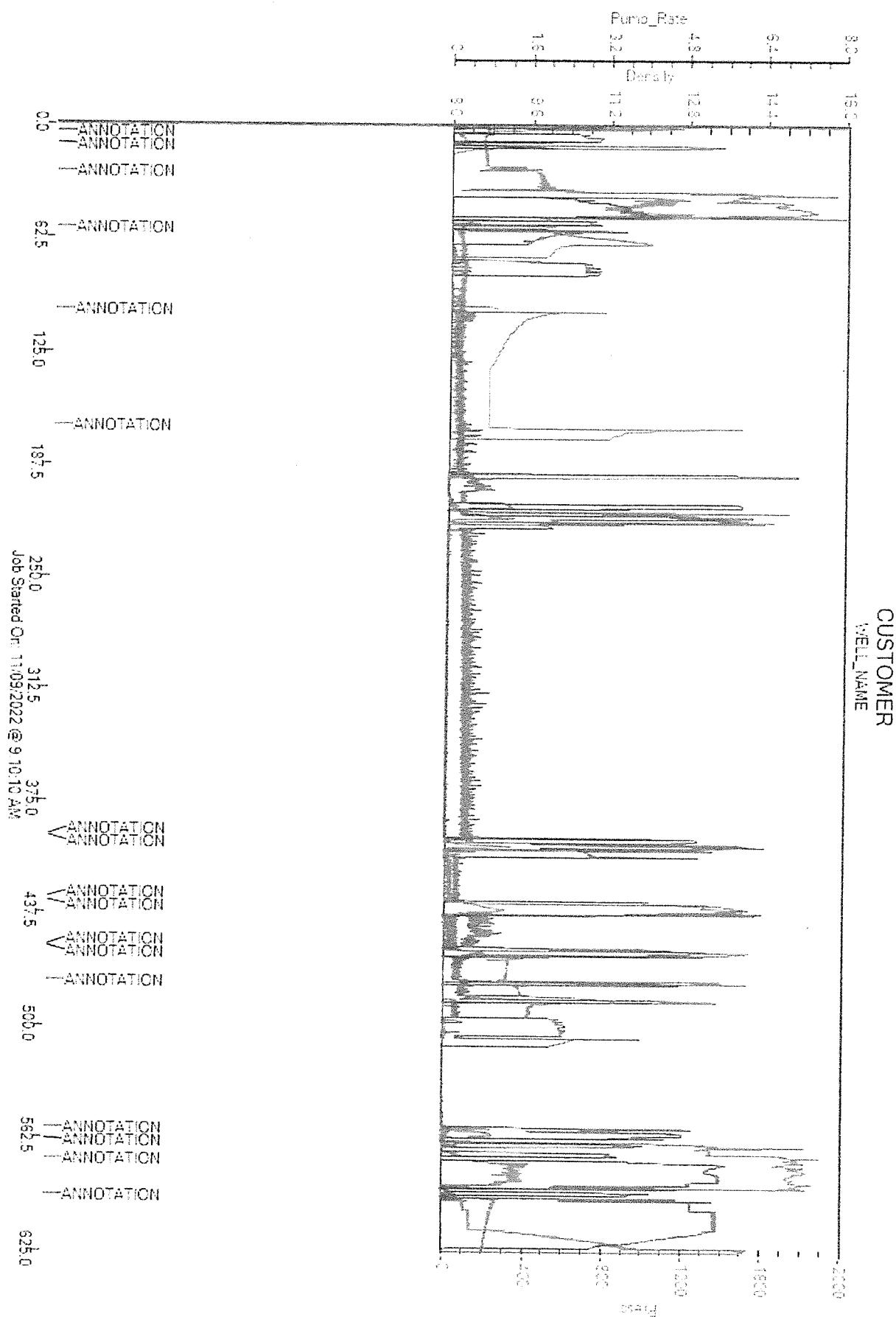

CEMENT TREATMENT REPORT

Customer:	Dixon Operating Company LLC	Well:	Koppitz 9	Ticket:	wp 3605
City, State:	Hardtner Kansas	County:	Barber Kansas	Date:	11/9/2022
Field Rep:	Brad Tatro	S-T-R:	2-35s-12w	Service:	Production Casing

Downhole Information		Calculated Slurry - Lead			Calculated Slurry - Tail		
Hole Size:	7 7/8 in	Blend:	H-Long		Blend:	H-plug	
Hole Depth:	5425 ft	Weight:	15.0 ppg		Weight:	13.7 ppg	
Casing Size:	5 1/2 in	Water / Sx:	5.7 gal / sx		Water / Sx:	6.9 gal / sx	
Casing Depth:	5417 ft	Yield:	1.43 ft ³ / sx		Yield:	1.43 ft ³ / sx	
Tubing / Liner:	in	Annular Bbls / Ft.:	bbs / ft.		Annular Bbls / Ft.:	bbs / ft.	
Depth:	ft	Depth:	ft		Depth:	ft	
Tool / Packer:		Annular Volume:	0.0 bbls		Annular Volume:	0 bbls	
Tool Depth:	ft	Excess:			Excess:		
Displacement:	132.0 bbls	Total Slurry:	61.0 bbls		Total Slurry:	12.7 bbls	
		Total Sacks:	240 sx		Total Sacks:	50 sx	

TIME	RATE	STAGE	TOTAL	REMARKS
		BBLs	BBLs	
12:30 AM		-	-	on location job and safety
12:40 AM			-	spot trucks and rig up
			-	turbolizers 4,6,8,10,12,14,16,18,20,22
			-	basket
2:00 AM			-	start casing in the hole
4:00 AM			-	casing on bottom and circulate
			-	
5:00 AM				start flush
3.0	100.0	5.0		2% kcl
3.0	100.0	12.0	12.0	mud flush
3.0	100.0	5.0	17.0	2% kcl
5:10 AM	2.0	-	12.7	plug rat hole 30 sacks plug mouse hole 20 sacks
5:20 AM				start cement down hole
	5.0	350.0		mix 240 sacks
5:35 AM				cement in and shut down
				wash pump and lines and release plug
5:40 AM				start displacement
5.0	140.0	10.0		
5.5	140.0	60.0		
5.5	140.0	80.0		
5.5	250.0	90.0		
5.0	750.0	120.0		
6:15 AM	3.5	950.0	132.0	plug down
				took pressure from 950 to 1500,...release pressure and plug did hold

CREW		UNIT	SUMMARY		
Cementer:	M Brungardt	916			
Pump Operator:	A Clifton	179/521			
Bulk #1:	K Julian	182/534			
Bulk #2:					





Customer	Dixon Operating Company LLC		Lease & Well #	Koppitz 9		Date	11/9/2022																																																																																																																																																																											
Service District	Pratt Kansas		County & State	Barber Kansas	Legals S/T/R	2-35s-12w	Job #																																																																																																																																																																											
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Equipment #	Driver	Job Safety Analysis - A Discussion of Hazards & Safety Procedures																																																																																																																																																																																
918	M Brungardt	<input checked="" type="checkbox"/> Hard hat	<input checked="" type="checkbox"/> Gloves	<input type="checkbox"/> Lockout/Tagout	<input type="checkbox"/> Warning Signs & Flagging																																																																																																																																																																													
179/521	A Clifton	<input type="checkbox"/> H2S Monitor	<input checked="" type="checkbox"/> Eye Protection	<input type="checkbox"/> Required Permits	<input type="checkbox"/> Fall Protection																																																																																																																																																																													
182/534	K Julian	<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																																																																																																																																																																													
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<p>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.</p>																																																																																																																																																																																		
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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 Brad Tates **CUSTOMER AUTHORIZATION SIGNATURE**

Mud-Co / Service Mud. Inc.

100 S. Main St., Suite #310, Wichita, Ks. 67202

Report: **9**

Daily Drilling Mud Report

Date: **11/08/22** Depth: **5430**

Operator	Dixon Operating Co. LLC.			Contractor	Duke Drilling		Rig No.
Address	Rig			Address	Rig		7
Report for Mr.	Ryan Dixon, Tim Priest			Report for Mr.	Tim Arell		Spud Date 11/01/22
Well Name & No.	#9 Koppitz			County	Barber		Section 2 Twp 35s Range 12w
Operation	Casing			Mud Volume (BBL)			

Present Activity		Casing		Mud Volume (BBL)		Circulation Data			
Short Trip f/log		8 5/8 in. at 267		462		6	15	202	Pump Pressure -
Bit Size (in.)	No	Intermediate in. at		862		8.5	2.7059	367	Opposite Drill Collars National
Drill pipe sz	Type	Production / Liner in. at		0		0.146	56	48	Bottoms Up (Min.)
Drill Collar size		Drilling mud type Chemical		8.2		343	105	105	Pump Model K500A

Sample from Flowline	or Pit	_x_	Mud Properties		Daily Mud Cost	4,005.61			
Flowline Temperature					Cumulative Mud Cost				
Time Sample Taken	8:35 AM				31,855.14				
Depth (Ft.)	5,430				MUD PROPERTIES SPECIFICATIONS				
Weight (lb/gal.)	9.3				Mud Wt.(lbs/gal.)	Viscosity	Filtrate		
Mud Gradient (psi/ft.)	0.484				9.0-9.2	50-58	8-10.0		
Funnel Viscosity (Sec/qt. API)	55				LCM				
Plastic Viscosity cp	15				12-14 lbs/bbl				
Yield Point (lb/100 sq.ft.)	15								
Gel Strength 10 sec/10 min.	13/37								
pH	10.0								
Filtrate API (ml/30 min.)	8.8		Reserve						
Cake Thickness 32nd	2		Pit						
Alkalinity, Mud (Pm)	-								
Alkalinity, Filtrate (Pf/Mf)	.37/3.1								
Chloride Content, ppm	5,500		43,000						
Calcium. ppm	60		Estimated						
Sand Content (% by Vol)	Tr		Volume:						
Solids Content (% by Vol.)	6.8		1200 bbs						
Oil Content (% by Vol.)	0.0								
Water Content (% by Vol.)	93.2								
LCM, lbs/bbl.	14								
Reynold's #DP	1,926								
Reynold's # DC	2,930								
ECD lb/gal	9.79								

DRILLING MUD INVENTORY

Products:	Prior Day	Delivery	On Hand	Used	Cost
Premium Gel	114	210	265	59	1,292.10
Lime	4		4		
Soda Ash	20		17	3	83.85
Caustic Soda	7	10	9	8	710.16
Lignite	6	10	15	1	30.75
C/S Hulls	425		378	47	1,092.75
Drill Pak	4	4	6	2	796.00
Desco	2		2		
Poly					
Soapstix					
Xcide					
Sapp					
Barite					
MilGuard					

Suggest:

Control mud wt. 9.0-9.2 with water at flowline

Maintain vis and mud wt. with this premix:

80 bbls water/80 bbls pit mud

2 caustic

1 Soda Ash

1 lignite

1/2 Drill Pac

Gel as needed

Use 160 bbls water if mud wt. 9.3 or greater

Suggest 55-58 vis for log

Add over 2 hours

Maintain 12-14 lbs/bbl LCM

Keep hole full on all trips

Circulate hole clean prior to trips

After DST put contaminated fluid to reserve pit and add premix as needed

Please keep all materials covered as needed

If Operator requests - Mix 2 Desco and 1 caustic in 80 bbls pit mud and 20 bbls water in premix. With production pipe on bottom, add to system over 1 hour. Begin cementing operations.

Thanks

#

Mud-Co / Service Mud Representative
Rick Hughes

Home Address
Wichita, Ks.

Telephone Number
620-791-7623

Cell : **620-791-7623**

Warehouse Location
Pratt Ks.

Telephone Number
620-672-2957



DRILL STEM TEST REPORT

Prepared For: **Dixon Operating Company LLC.**

1625 N Waterfront PKWY
Witchita, KS 67206

ATTN: Tim Priest

Koppitz #9

2-35S-12W Barber,KS

Start Date: 2022.11.07 @ 05:00:01

End Date: 2022.11.07 @ 14:39:40

Job Ticket #: 69618 DST #: 1

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Dixon Operating Company LLC.

2-35S-12W Barber, KS

1625 N Waterfront PKWY
Witchita, KS 67206

Koppitz #9

Job Ticket: 69618

DST#: 1

ATTN: Tim Priest

Test Start: 2022.11.07 @ 05:00:01

GENERAL INFORMATION:

Formation: **Misner Sand**

Deviated: No Whipstock: ft (KB)

Test Type: Conventional Bottom Hole (Initial)

Time Tool Opened: 07:52:30

Tester: Eric Burgess

Time Test Ended: 14:39:40

Unit No: 80

Interval: 5011.00 ft (KB) To 5140.00 ft (KB) (TVD)

Reference Elevations: 1393.00 ft (KB)

Total Depth: 5140.00 ft (KB) (TVD)

1380.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 13.00 ft

Serial #: 8369 Outside

Press@RunDepth: 454.04 psig @ 5022.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.11.07 End Date: 2022.11.07 Last Calib.: 2022.11.07

Start Time: 05:00:01 End Time: 14:39:40 Time On Btm: 2022.11.07 @ 07:51:50

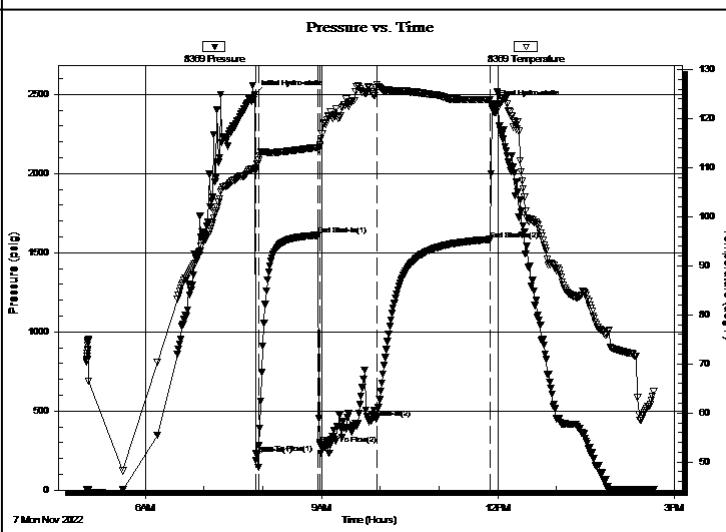
Time Off Btm: 2022.11.07 @ 11:54:10

TEST COMMENT: IF:Strong Building Blow built 70.63" (4)

ISI:No Blow Back. (60)

FF:Strong Building Blow built 572.54" (60)

FSI:10.48" Blow Back. (120)



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2497.91	109.86	Initial Hydro-static
1	230.32	109.51	Open To Flow (1)
4	280.79	111.50	Shut-In(1)
65	1610.07	114.17	End Shut-In(1)
67	290.27	114.28	Open To Flow (2)
125	454.04	126.99	Shut-In(2)
241	1583.71	123.86	End Shut-In(2)
243	2435.95	122.51	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
378.00	OWCG 35%O 35%G 30%W	5.53
315.00	OWCG 30%G 30%O 40%W	4.61
63.00	GVSOCM 15%G 5%O 80%M	0.92

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	18.90	12.46
Last Gas Rate	0.13	21.36	13.38
Max. Gas Rate	0.13	21.36	13.38



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Dixon Operating Company LLC.

2-35S-12W Barber, KS

1625 N Waterfront PKWY
Witchita, KS 67206

Koppitz #9

ATTN: Tim Priest

Job Ticket: 69618

DST#: 1

Test Start: 2022.11.07 @ 05:00:01

GENERAL INFORMATION:

Formation: **Misner Sand**

Deviated: No Whipstock: ft (KB)

Test Type: Conventional Bottom Hole (Initial)

Time Tool Opened: 07:52:30

Tester: Eric Burgess

Time Test Ended: 14:39:40

Unit No: 80

Interval: 5011.00 ft (KB) To 5140.00 ft (KB) (TVD)

Reference Elevations: 1393.00 ft (KB)

Total Depth: 5140.00 ft (KB) (TVD)

1380.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 13.00 ft

Serial #: 8846 Inside

Press@RunDepth: psig @ 5022.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.11.07

Last Calib.: 2022.11.07

Start Time: 05:00:27

Time On Btm:

End Date:

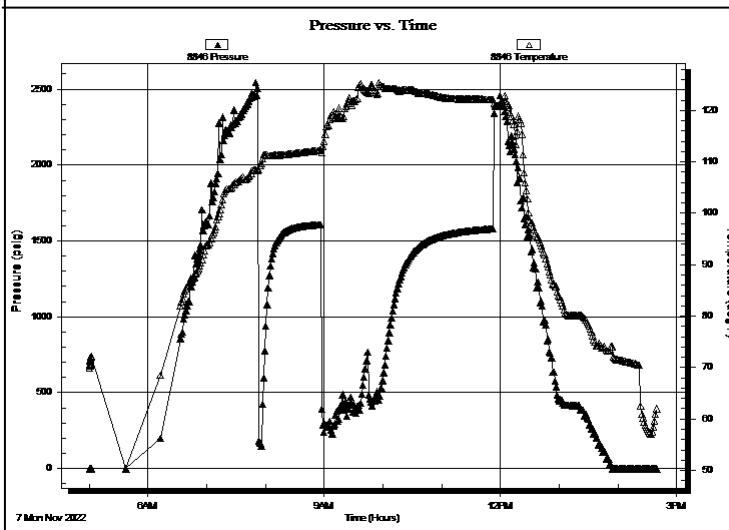
2022.11.07

End Time:

14:39:56

Time Off Btm:

TEST COMMENT: IF:Strong Building Blow built 70.63" (4)
IS:No Blow Back. (60)
FF:Strong Building Blow built 572.54" (60)
FSI:10.48" Blow Back. (120)



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
378.00	OWCG 35%O 35%G 30%W	5.53
315.00	OWCG 30%G 30%O 40%W	4.61
63.00	GVSOCM 15%G 5%O 80%M	0.92

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	18.90	12.46
Last Gas Rate	0.13	21.36	13.38
Max. Gas Rate	0.13	21.36	13.38



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Dixon Operating Company LLC.

2-35S-12W Barber, KS

1625 N Waterfront PKWY
Witchita, KS 67206

Koppitz #9

Job Ticket: 69618

DST#: 1

ATTN: Tim Priest

Test Start: 2022.11.07 @ 05:00:01

Tool Information

Drill Pipe:	Length: 4993.00 ft	Diameter: 3.88 inches	Volume: 73.02 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 24000.00 lb
			Total Volume: 73.02 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	13.00 ft			String Weight: Initial 63000.00 lb
Depth to Top Packer:	5011.00 ft			Final 66000.00 lb
Depth to Bottom Packer:	ft			
Interval betw een Packers:	129.00 ft			
Tool Length:	160.00 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			4981.00	
Shut In Tool	5.00			4986.00	
Hydraulic tool	5.00			4991.00	
Em Tool	3.00			4994.00	
Jars	5.00			4999.00	
Safety Joint	3.00			5002.00	
Packer	4.00			5006.00	31.00 Bottom Of Top Packer
Packer	5.00			5011.00	
Stubb	1.00			5012.00	
Perforations	9.00			5021.00	
Change Over Sub	1.00			5022.00	
Recorder	0.00	8369	Outside	5022.00	
Recorder	0.00	8846	Inside	5022.00	
Blank Spacing	94.00			5116.00	
Change Over Sub	1.00			5117.00	
Perforations	20.00			5137.00	
Bullnose	3.00			5140.00	129.00 Bottom Packers & Anchor
Total Tool Length:		160.00			



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Dixon Operating Company LLC.

2-35S-12W Barber, KS

1625 N Waterfront PKWY
Witchita, KS 67206

Koppitz #9

ATTN: Tim Priest

Job Ticket: 69618

DST#: 1

Test Start: 2022.11.07 @ 05:00:01

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:	56000 ppm
Viscosity:	52.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	10.38 in ³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	7000.00 ppm				
Filter Cake:	0.20 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
378.00	OWCG 35%O 35%G 30%W	5.528
315.00	OWCG 30%G 30%O 40%W	4.607
63.00	GVSOCM 15%G 5%O 80%M	0.921

Total Length: 756.00 ft Total Volume: 11.056 bbl

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

Laboratory Name: Laboratory Location:

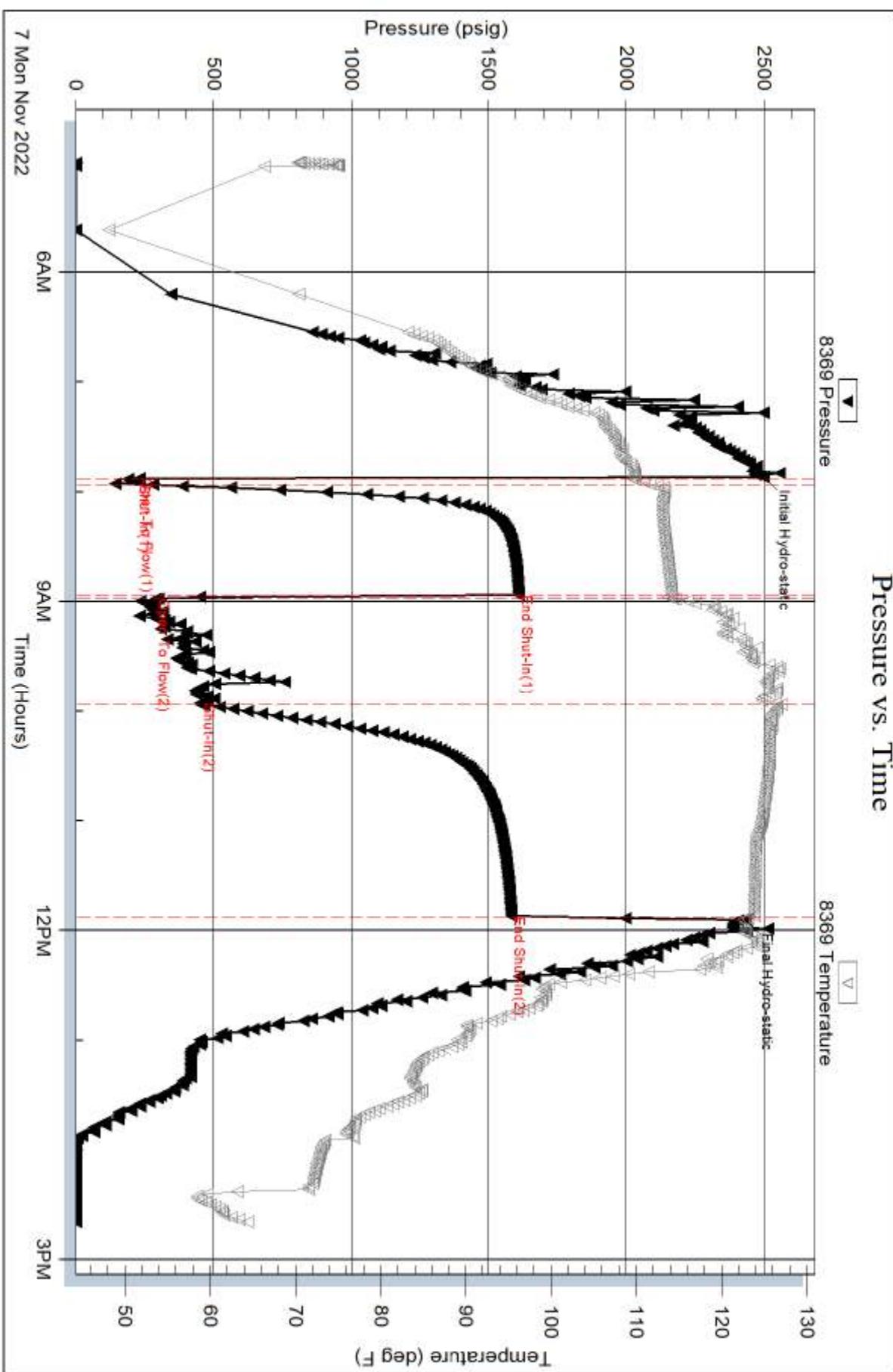
Recovery Comments:

Serial #: 8369

Outside Dixon Operating Company LLC.

Koppitz #9

DST Test Number: 1



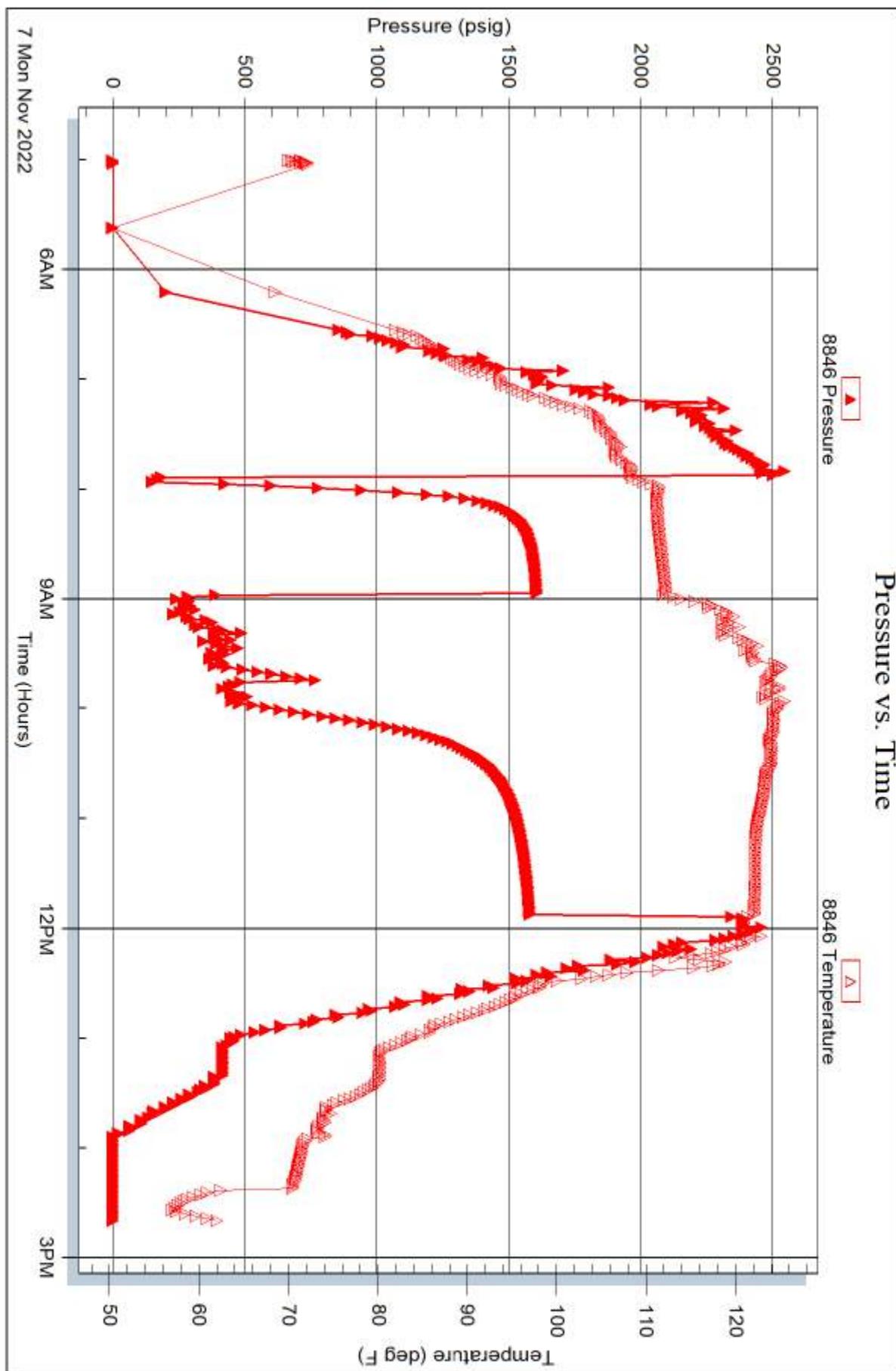
Serial #: 8846

Inside

Dixon Operating Company LLC.

Kopplitz #9

DST Test Number: 1





**TRILOBITE
TESTING INC.**

1618 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **69618**

Well Name & No. Kappi #7 Test No. 1 Date 11/17/22
 Company Dillon Operating Company LLC Elevation 1393 KB 1380 GL
 Address 1625 N Waterfront Plaza, STE 220, Wichita, KS 67206
 Co. Rep / Geo. Tim Priest Rig DUKE 7
 Location: Sec. 2 Twp 35S Rgo. 12W Co. Barber State KS

Interval Tested 5011' - 5140' Zone Tested Minner Sand
 Anchor Length 129' Drill Pipe Run 4993' Mud Wt. 9.5
 Top Packer Depth 5003' Drill Collars Run 0 Vis 52
 Bottom Packer Depth 5007' Wt. Pipe Run 0 WL 10.4
 Total Depth 5140' Chlorides 7000 ppm System 6 LCM 6
 Blow Description IF: Strong Building Blow built 20.63" (41)
FSI: 10" Blow Back. (60)
FF: Strong Building Blow built 57.0-54" (160)
FSI: 10.18" Blow Back. (120)

Rec	Feet of	15 %gas	5 %oil	%water	80 %mud
63	GVSCM				
315	OWCG	30 %gas	30 %oil	40 %water	%mud
378	OWCG	35 %gas	35 %oil	30 %water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total	BHT	Gravity	API RW	15 @ .61 °F	Chlorides	56,000 ppm
756	122					
(A) Initial Hydrostatic	2498	<input checked="" type="checkbox"/> Test	2150		T-On Location	0320
(B) First Initial Flow	230	<input checked="" type="checkbox"/> Jars	300		T-Started	0500
(C) First Final Flow	281	<input checked="" type="checkbox"/> Safety Joint			T-Open	0748
(D) Initial Shut-In	1610	<input type="checkbox"/> Circ Sub			T-Pulled	1153
(E) Second Initial Flow	290	<input type="checkbox"/> Hourly Standby			T-Out	1439
(F) Second Final Flow	454	<input checked="" type="checkbox"/> Mileage	114 199.50		Comments	
(G) Final Shut-In	1584	<input type="checkbox"/> Sampler				
(H) Final Hydrostatic	2436	<input type="checkbox"/> Straddle				

Initial Open	4	<input checked="" type="checkbox"/> Shale Packer	250
Initial Shut-In	60	<input type="checkbox"/> Extra Packer	
Final Flow	60	<input type="checkbox"/> Extra Recorder	
Final Shut-In	120	<input type="checkbox"/> Day Standby	
		<input type="checkbox"/> Accessibility	
		Sub Total	2899.50

MP/DST Disc't

Approved By _____

Our Representative _____

Trilobite Testing Inc. shall not be liable for damage of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Gas Volume Report

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Operator

Koppitz 2 #9

Well Name and No.

DST No.

Remarks: