KOLAR Document ID: 1684752

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 #	API No.:
Name:	Spot Description:
Address 1:	
Address 2:	Feet from North / South Line of Section
City: State: Zip: +	Feet from _ East / _ West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□NE □NW □SE □SW
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxxx) (e.gxxx.xxxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
	Producing Formation:
☐ Oil ☐ WSW ☐ SWD	Elevation: Ground: Kelly Bushing:
☐ Gas ☐ DH ☐ EOR	Total Vertical Depth: Plug Back Total Depth:
☐ OG ☐ GSW	Amount of Surface Pipe Set and Cemented at: Feet
CM (Coal Bed Methane)	
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used?
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet
Operator:	If Alternate II completion, cement circulated from:
Well Name:	feet depth to:w/sx cmt.
Original Comp. Date: Original Total Depth:	
☐ Deepening ☐ Re-perf. ☐ Conv. to EOR ☐ Conv. to SWD	Drilling Fluid Management Plan
☐ Plug Back ☐ Liner ☐ Conv. to GSW ☐ Conv. to Producer	(Data must be collected from the Reserve Pit)
Described	Chloride content: ppm Fluid volume: bbls
☐ Commingled Permit #:	Dewatering method used:
SWD Permit #:	Location of fluid disposal if hauled offsite:
EOR Permit #:	Location of fluid disposal if flauled offsite.
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R
Recompletion Date Recompletion Date	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 Approved by: Date:			

KOLAR Document ID: 1684752

Page Two

Operator Name: _				Lease Name:			Well #:	
Sec Twp.	S. R.	E	ast West	County:				
	flowing and shu	ut-in pressures, v	vhether shut-in pre	ssure reached st	atic level, hydrosta	tic pressures, bot		val tested, time tool erature, fluid recovery,
Final Radioactivity files must be subm						iled to kcc-well-lo	gs@kcc.ks.gov	v. Digital electronic log
Drill Stem Tests Ta			Yes No			on (Top), Depth ar		Sample
Samples Sent to 0	Geological Surv	/ey	Yes No	Na	me		Тор	Datum
Cores Taken Electric Log Run Geologist Report / List All E. Logs Ru	_		Yes No Yes No Yes No					
		B	CASING eport all strings set-c		New Used	ion, etc.		
Purpose of Strir		Hole illed	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
			ADDITIONAL	CEMENTING / SO	UEEZE RECORD			
Purpose:		epth T Bottom	ype of Cement	# Sacks Used		Type and F	Percent Additives	
Perforate Protect Casi Plug Back T								
Plug Off Zor								
Did you perform a Does the volume Was the hydraulic	of the total base f	fluid of the hydrauli		_	=	No (If No, sk	ip questions 2 an ip question 3) out Page Three	,
Date of first Product Injection:	tion/Injection or R	esumed Production	Producing Meth	nod:	Gas Lift 0	Other (Explain)		
Estimated Production Per 24 Hours	on	Oil Bbls.					Gas-Oil Ratio	Gravity
DISPOS	SITION OF GAS:		N	METHOD OF COMP	LETION:			DN INTERVAL: Bottom
	Sold Used	I on Lease	Open Hole			mmingled mit ACO-4)	Тор	BOROTT
,	,			B.11 B1				
Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid,	Fracture, Shot, Cer (Amount and Kind	menting Squeeze I of Material Used)	Record
TUBING RECORD:	: Size:	Set	Δ+-	Packer At:				
TODING RECORD:	. 3126.	Set	n.	i donei Al.				

Form	ACO1 - Well Completion		
Operator	Younger Energy Company		
Well Name	DISQUE L "21" 2		
Doc ID	1684752		

All Electric Logs Run

Dual Induction	
Compensated Density/Neutron PE	
Micro	
Sonic	
Dual Receiver Cement Bon	

Form	ACO1 - Well Completion		
Operator	Younger Energy Company		
Well Name	DISQUE L "21" 2		
Doc ID	1684752		

Tops

Name	Тор	Datum
King Hill	2758	-893
Queen Hill	2833	-968
Heebner	2914	-1049
Douglas	2945	-1080
Brown Lime	3020	-1155
Lansing	3032	-1167
B/KC	3294	-1429
Arbuckle	3299	-1434

Form	ACO1 - Well Completion		
Operator	ounger Energy Company		
Well Name	DISQUE L "21" 2		
Doc ID	1684752		

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	12.25	8.625	23	395	60/40,com mon	300	3%cc
Production	7.875	5.5	15.5	3365	H-Long	175	15.5#&17# csg/mixed string



Younger Energy Co.

23-17S-11W/ Barton

9415 E Harry St. Suite403 Wi\chita KS. 67207

Disque 21-2

Unit No:

Capacity:

Job Ticket: 65071

DST#: 1

ATTN: Keath Reavis

Test Start: 2022.10.15 @ 16:04:00

66

Reference ⊟evations:

GENERAL INFORMATION:

Formation: Lansing H

Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Initial)

Time Tool Opened: 18:08:30 Time Test Ended: 22:58:45

3156.00 ft (KB) To 3194.00 ft (KB) (TVD)

Total Depth: 3194.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Tester: Richie Samora

1865.00 ft (KB)

1857.00 ft (CF)

8000.00 psig

KB to GR/CF: 8.00 ft

Serial #: 8355

Interval:

Press@RunDepth: 62.12 psig @ ft (KB)

 Start Date:
 2022.10.15
 End Date:
 2022.10.15
 Last Calib.:
 1899.12.30

 Start Time:
 16:04:05
 End Time:
 22:58:44
 Time On Btm:
 2022.10.15 @ 17:55:15

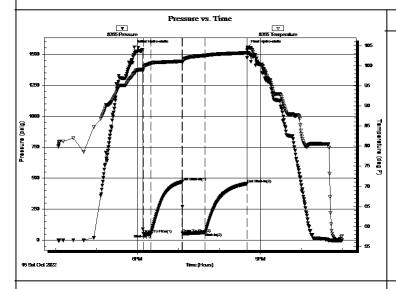
Time Off Btm: 2022.10.15 @ 20:41:00

TEST COMMENT: 10-IF: Strong blow BOB in 3:30, built to 29.85"

45-ISI: No blow back

30-FF: Strong blow BOB in 30 seconds, built to 58"

60-FSI: No blow back



PRESSURE S	UMMARY
------------	--------

Time	Pressure	Temp	Annotation
(Min.)	(psig)	(deg F)	
0	1556.17	98.22	Initial Hydro-static
14	52.65	99.15	Open To Flow (1)
25	49.83	100.67	Shut-In(1)
70	472.26	101.19	End Shut-In(1)
71	58.10	101.07	Open To Flow (2)
104	62.12	102.60	Shut-In(2)
165	457.00	103.27	End Shut-In(2)
166	1556.07	104.41	Final Hydro-static

Recovery

Description	Volume (bbl)
0SM 20% O 80%M	0.88
OSM 5%O 95%M	0.49
973 GIP	0.00
	OSM 20% O 80%M OSM 5%O 95%M

Gas Rates

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

Trilobite Testing, Inc Ref. No: 65071 Printed: 2022.10.16 @ 07:51:37



Younger Energy Co.

23-17S-11W/ Barton

9415 E Harry St. Suite403

Disque 21-2

Wi\chita KS. 67207

Job Ticket: 65071 DST#: 1

ATTN: Keath Reavis Test Start: 2022.10.15 @ 16:04:00

GENERAL INFORMATION:

Formation: Lansing H

Deviated: Whipstock: Test Type: Conventional Bottom Hole (Initial) No ft (KB)

Time Tool Opened: 18:08:30 Tester: Richie Samora 66

Time Test Ended: 22:58:45 Unit No:

Interval: 3156.00 ft (KB) To 3194.00 ft (KB) (TVD) Reference ⊟evations: 1865.00 ft (KB)

Total Depth: 3194.00 ft (KB) (TVD) 1857.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 8.00 ft

Serial #: 8289

Press@RunDepth: 8000.00 psig ft (KB) Capacity: psig @

Start Date: 2022.10.15 End Date: Last Calib.: 1899.12.30 2022.10.15

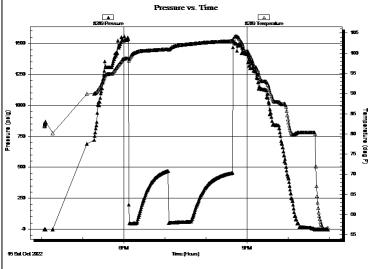
Start Time: 16:04:01 End Time: Time On Btm: 22:58:30 Time Off Btm:

TEST COMMENT: 10-IF: Strong blow BOB in 3:30, built to 29.85"

45-ISI: No blow back

30-FF: Strong blow BOB in 30 seconds, built to 58"

60-FSI: No blow back



PRESSURE S	SUMMARY
------------	---------

	Time	Pressure	Temp	Annotation
	(Min.)	(psig)	(deg F)	
_				
Temperature (deg F)				
3				
		1 1		

Recovery

Description	Volume (bbl)
0SM 20% O 80%M	0.88
OSM 5%O 95%M	0.49
973 GIP	0.00
(OSM 20% O 80%M OSM 5%O 95%M

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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Trilobite Testing, Inc Ref. No: 65071 Printed: 2022.10.16 @ 07:51:37



FLUID SUMMARY

Younger Energy Co.

23-17S-11W/ Barton

9415 E Harry St. Suite403 Wi\chita KS. 67207

Disque 21-2

Job Ticket: 65071

DST#: 1

ATTN: Keath Reavis

Test Start: 2022.10.15 @ 16:04:00

Mud and Cushion Information

Mud Type:Gel ChemCushion Type:Oil API:deg APIMud Weight:9.00 lb/galCushion Length:ftWater Salinity:ppm

Viscosity: 55.00 sec/qt Cushion Volume: bbl

Water Loss: 5.40 in³ Gas Cushion Type:

Resistivity: ohm.m Gas Cushion Pressure: psig

Salinity: 4400.00 ppm Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
63.00	0SM 20% O 80%M	0.884
35.00	OSM 5%O 95%M	0.491
0.00	973 GIP	0.000

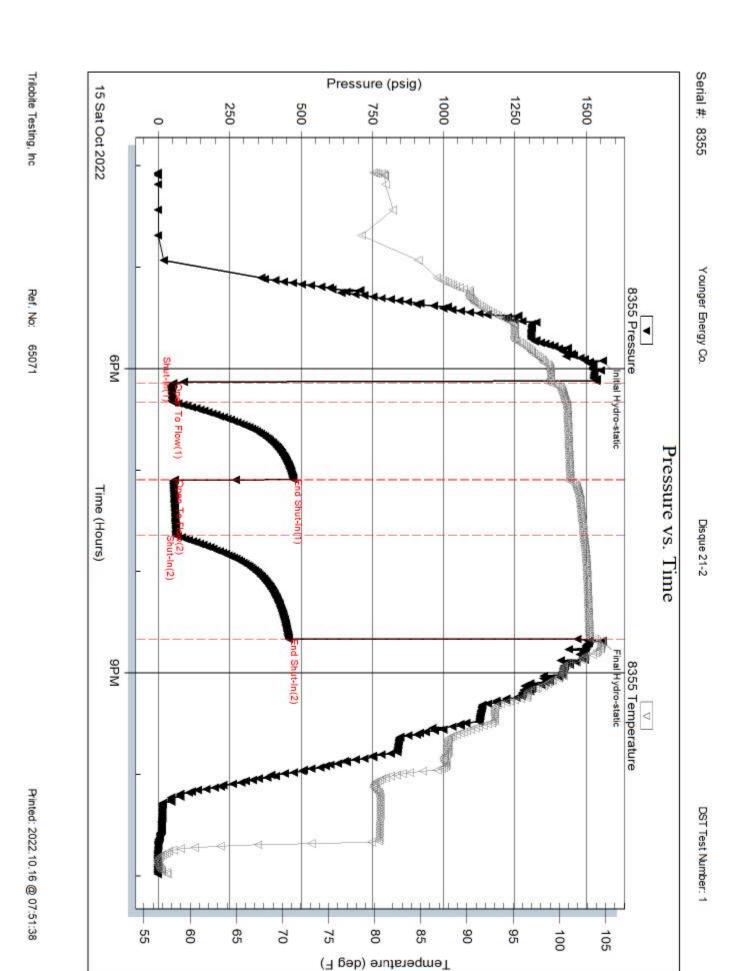
Total Length: 98.00 ft Total Volume: 1.375 bbl

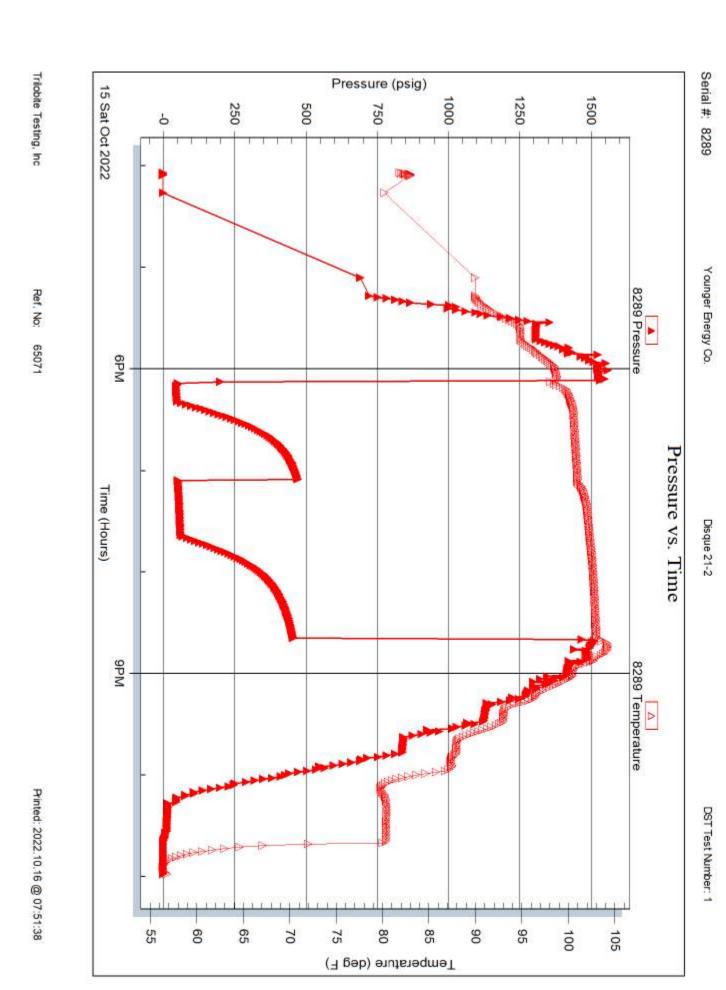
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:

Trilobite Testing, Inc Ref. No: 65071 Printed: 2022.10.16 @ 07:51:37







Younger Energy Co.

23-17S-11W/ Barton

9415 E Harry St. Suite403 Wi\chita KS. 67207

Disque 21-2

Job Ticket: 65072

DST#: 2

ATTN: Keath Reavis

Test Start: 2022.10.16 @ 15:05:00

Richie Samora

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: Test Type: Conventional Bottom Hole (Reset) No Whipstock: ft (KB)

Time Tool Opened: 16:52:15 Time Test Ended: 21:56:15

Tester: Unit No: 66

3285.00 ft (KB) To 3319.00 ft (KB) (TVD) Interval: Total Depth: 3194.00 ft (KB) (TVD)

Reference ⊟evations:

1865.00 ft (KB) 1857.00 ft (CF)

7.88 inches Hole Condition: Good Hole Diameter:

KB to GR/CF: 8.00 ft

Serial #: 8355

Press@RunDepth: 209.57 psig @ ft (KB)

Capacity: Last Calib.: 8000.00 psig

Start Date: 2022.10.16 End Date: 2022.10.16 21:56:14

Time On Btm:

1899.12.30 2022.10.16 @ 16:48:00

Start Time: 15:05:05 End Time:

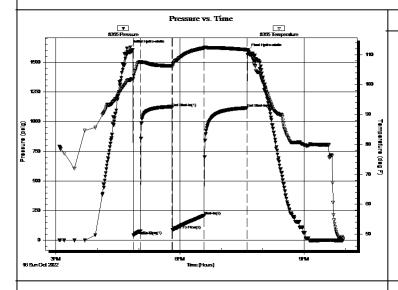
Time Off Btm: 2022.10.16 @ 19:38:30

TEST COMMENT: 10-IF: Strong blow BOB in 8 minutes, built to 14.13"

45-ISI: No blow back

45-FF: Strong blow BOB in 11 minutes, built to 28.07"

60-FSI: No Blow back



PRESSURE SUMMARY

Time	Pressure	Temp	Annotation
(Min.)	(psig)	(deg F)	
0	1626.80	101.53	Initial Hydro-static
5	42.75	101.90	Open To Flow (1)
15	78.39	107.43	Shut-In(1)
61	1119.84	106.25	End Shut-In(1)
62	88.72	106.10	Open To Flow (2)
107	209.57	112.23	Shut-In(2)
170	1115.43	111.64	End Shut-In(2)
171	1598.76	111.04	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)		
63.00	WM 85%W 15%M	0.88		
63.00	GOCM 10%G 45%O 30%W 15%M	0.88		
252.00	HOCM 30% O 70% M	3.53		
171.00	GO 10%G 90%O	2.40		
120.00	GIP 100%G	1.68		
* Recovery from multiple tests				

Gas Rates

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

Ref. No: 65072 Printed: 2022.10.17 @ 07:23:31 Trilobite Testing, Inc



Younger Energy Co.

23-17S-11W/ Barton

9415 E Harry St. Suite403

Disque 21-2

Wi\chita KS. 67207

Job Ticket: 65072 DST#: 2

Richie Samora

ATTN: Keath Reavis

Test Start: 2022.10.16 @ 15:05:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: Test Type: Conventional Bottom Hole (Reset) No Whipstock: ft (KB)

Time Tool Opened: 16:52:15 Time Test Ended: 21:56:15

Unit No: 66

Tester:

Interval: 3285.00 ft (KB) To 3319.00 ft (KB) (TVD) Reference ⊟evations:

1865.00 ft (KB) 1857.00 ft (CF)

Total Depth: 3194.00 ft (KB) (TVD)

KB to GR/CF:

8.00 ft

Hole Diameter: 7.88 inches Hole Condition: Good

Serial #: 8289

Press@RunDepth:

psig @

ft (KB)

Capacity: Last Calib.: 8000.00 psig

Start Date: 2022.10.16

2022.10.16 21:56:00

Time On Btm:

1899.12.30

Start Time:

15:05:01

End Time:

End Date:

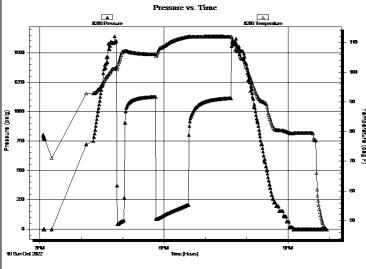
Time Off Btm:

TEST COMMENT: 10-IF: Strong blow BOB in 8 minutes, built to 14.13"

45-ISI: No blow back

45-FF: Strong blow BOB in 11 minutes, built to 28.07"

60-FSI: No Blow back



	Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
7				
Temperatura (dea F)				
9				

Recovery

Length (ft)	Description	Volume (bbl)		
63.00	WM 85%W 15%M	0.88		
63.00	GOCM 10%G 45%O 30%W 15%M	0.88		
252.00	HOCM 30%O 70%M	3.53		
171.00	GO 10%G 90%O	2.40		
120.00	GIP 100%G	1.68		
* Recovery from multiple tests				

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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Ref. No: 65072 Printed: 2022.10.17 @ 07:23:31 Trilobite Testing, Inc



FLUID SUMMARY

Younger Energy Co.

23-17S-11W/ Barton

9415 E Harry St. Suite403 Wi\chita KS. 67207

Disque 21-2

Job Ticket: 65072

DST#: 2

ATTN: Keath Reavis

Test Start: 2022.10.16 @ 15:05:00

Mud and Cushion Information

Mud Type:Gel ChemCushion Type:Oil API:deg APIMud Weight:9.00 lb/galCushion Length:ftWater Salinity:ppm

Viscosity: 59.00 sec/qt Cushion Volume: bbl

Water Loss: 6.40 in³ Gas Cushion Type:

Resistivity: ohm.m Gas Cushion Pressure: psig

Salinity: 4900.00 ppm Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
63.00	WM 85%W 15%M	0.884
63.00	GOCM 10%G 45%O 30%W 15%M	0.884
252.00	HOCM 30%O 70%M	3.535
171.00	GO 10%G 90%O	2.399
120.00	GIP 100%G	1.683

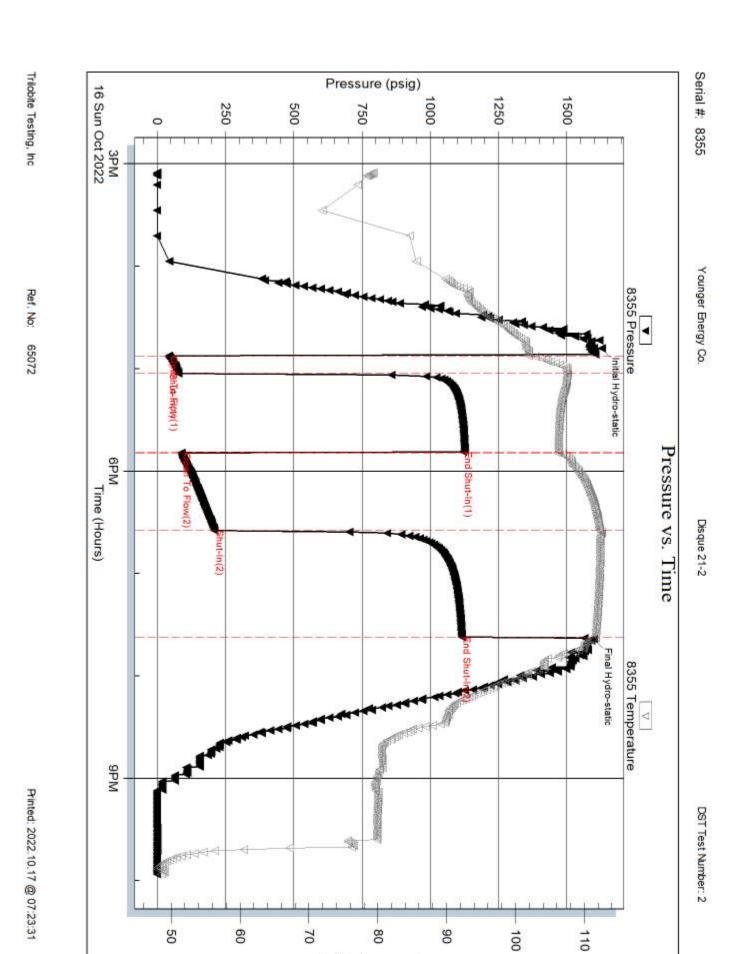
Total Length: 669.00 ft Total Volume: 9.385 bbl

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

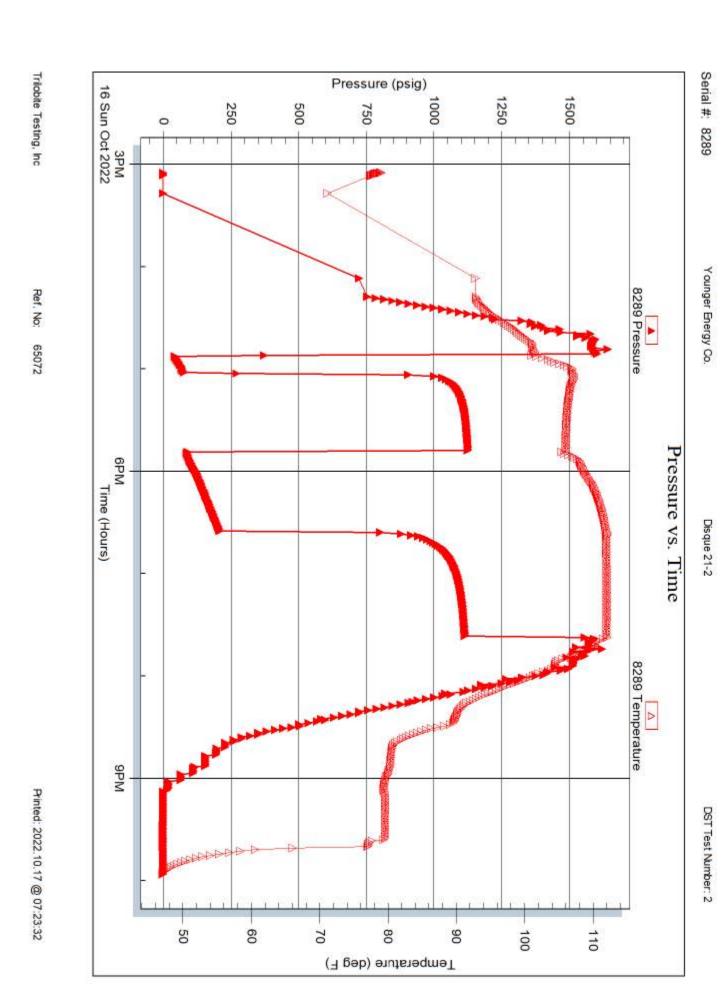
Laboratory Name: Laboratory Location:

Recovery Comments:

Trilobite Testing, Inc Ref. No: 65072 Printed: 2022.10.17 @ 07:23:31



Temperature (deg F)



Acid & Cement

POST OFFICE BOX 438 HAYSVILLE, KS 67060 (316) 524-1225 (316) 524-1027 FAX

Invoice

Page: 1

(620) 463-5161

FAX (620) 463-2104

BURRTON, KS | | GREAT BEND, KS (620) 793-3366 FAX (620) 793-3536

RECEIVED OCT 1 9 2022

INVOICE NUMBER: C60695-IN

BILL TO:

YOUNGER ENERGY CO. 9415 E HARRY ST **BLDG 400 STE 403** WICHITA, KS 67207-5083 LEASE: DISQUE L 21-2

DATE	ORDER	SALESMAN	ORDER DATE	PURCHASE C	RDER	SPECIAL	INSTRUCTIONS
10/17/2022	60695		10/12/2022	DISQUE L 21-	2		NET 30
QUANTITY	U/M	ITEM NO./DE	EM NO./DESCRIPTION			PRICE	EXTENSION
		NEW WELL					
50.00	МІ	MILEAGE CEME	NT PUMP TRUCK		0.00	6.00	300.00
1.00	EA	PUMP CHARGE	SURFACE		0.00	1,150.00	1,150.00
150.00	SK	COMMON CEME	NT		0.00	16.75	2,512.50
150.00	sĸ	60/40 POZ MIX 2	% GEL		0.00	13.25	1,987.50
17.00	sĸ	CALCIUM CHLO	RIDE		0.00	42.00	714.00
317.00	EA	BULK CHARGE			0.00	1.25	396.25
372.48	Мі	BULK TRUCK - T	ON MILES		0.00	1.10	409.73
		- 131 Cenos	t Senface (s	s gr			
REMIT TO: P.O. BOX 4 HAYSVILLI	138 E, KS 67060		COP IS NOT TAXABLE AND IND OR DELIVERY CHA		BATC	Net Invoice: O Sales Tax: Invoice Total:	7,469.98 391.05 7,861.03
RECEIVED BY		N	IET 30 DAYS				



NEW WELL

FIELD ORDER

Nº C

60695

BOX 438 - HAYSVILLE, KANSAS 67060 316-524-1225

			DATE	12-Oct 20 22
IS AUTHORIZED BY:	YOUNGER ENERGY	(NAME OF CUSTOMER)		
Address		City	State	KS
TO TREAT WELL AS FOLLOWS Lease	DISQUE L	Well No. 21-2	_ Customer Order No.	
Sec. Twp. Range 23-17-11W		County BARTON	State	KS

CONDITIONS: As a part of the consideration hereof it is agreed that Copeland Acid is to service or treat at owners risk, the hereinbefore mentioned well and is not to be held liable for any damage that may accrue in connection with said service or treatment. Copeland Acid Service has made no representation, expressed or implied, and no representations have been relied on, as to what may be the results or effect of the servicing or treating said well. The consideration of said service or treatment is payable. There will be no discount allowed subsequent to such date. 6% interest will be charged after 60 days. Total charges are subject to correction by our invoicing department in accordance with latest published price schedules.

The undersigned represents himself to be duly authorized to sign this order for well owner or operator.

THIS ORDER MUST BE SIGNED BEFORE WORK IS COMMENCED

Ву

ORE WORK IS	COMMENCED	by	Age	nt
CODE	QUANTITY	Well Owner or Operator DESCRIPTION	UNIT	AMOUNT
T			COST	
20.0002	50	Mileage P.T.	\$6.00	\$300.0
20.0005	1	Pump Charge Surface	\$1,150.00	\$1,150.0
20.1001	150	Common Cement Sack	\$16.75	\$2,512.5
20.1002	150	60/40 Poz 2% Gel	\$13.25	\$1,987.5
20.1012	17	Calcium Chloride per 50 lb.	\$42.00	\$714.0
20.0011	317	Bulk Charge	\$1.25	\$396.2
20.0012	372.48		\$1.10	\$409.7
		Process License Fee on Gallons		
		TOTAL BILLING		\$7,469.9

I certify that the above material has been accepted and used; that the above service was performed in a good and workmanlike manner under the direction, supervision and control of the owner, operator or his agent, whose signature appears below.

Copelan	d Representative	GREG C.		
Station	GB		KEITH R.	
				Well Owner, Operator or Agent
Remarks				



TREATMENT REPORT

Acid Stage No.

					Type Treatment:		Type Fluid		Рош	ids of Sand
-	/12/2022 Di		F.O. N	o. <u>C60695</u>	Bkdown					
Company	YOUNGER EN	ERGY .								
	& No. DISQUE				. —					
Location	23-1	7-11W	Field		-					
County	BARTON		State KS		Flush	Bbl./Gal.				
							ft. to		No. ft.	
Casing:	Size 8 5/8	Tγpe & Wt.	23	Set at 395ft.			ft. to		No. ft	
Formation			Perf.	to	from		ft. to	ft.	No. ft.	0
Formation			Perf.	to	Actual Volume of	Oil / Water to Load I	tote:			Bbl./Gal.
Formation			Perf.							
					Pump Trucks.	No. Used: Std.	365 Sp.		Twin	
					Auxiliary Equipme			327		
	Size & Wt.		Swung at		Personnel GREG	CLARENCE				
	Perforated fr	om	ft. to		Auxiliary Tools		.=			
					Plugging or Sealing	g Materials: Type				
Open Hole	Size	T.D.	ft. P.	B. toft.				Gals.		lb.
Company (Representative		KEITH	₹.	Treater		GRE	G C.		
TIME		SURES	Total Fluid Pumped			REM/	ARKS			
a.m./p.m.	Tubing	Casing								
11:15				ON LOCATION						
				RUN 395' OF 8 5	5/8" SURFA	CE PIPE				
			1	PUMP 150 SKS 6	50/40 2% G	EL 3% CC AN	ID 150 SKS C	NOMMO:	13% CC	
				DISPLACE WITH	23 BBLS.					
				CEMENT CIRCUL	ATED TO S	URFACE				
				JOB COMPLETE						
				world parts						
-				THANK YOU!!!						
				HANK TOU!!!						



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

316-303-9515

RECEIVED OCT 2 8 2022

Customer:

YOUNGER ENERGY COMPANY 9415 E HARRY ST SUITE 403, BUILDING 400 WICHITA, KS 67207-5083

 Invoice Date:
 10/17/2022

 Invoice #:
 0364138

 Lease Name:
 Disque L '21'

 Well #:
 2 (New)

 County:
 Barton, Ks

 Job Number:
 WP3519

 District:
 Pratt

Date/Description	HRS/QTY	Rate	Total
Longstring	0.000	0.000	0.00
H-Long	125.000	35.000	4,375.00
H-Plug	50.000	14.000	700.00
Cello Flake	32.000	1.750	56.00
5 1/2" Floatshoe-Flapper AFU	1.000	375.000	375.00
5 1/2" LD Plug & Baffle	1.000	350.000	350.00
5 1/2" Port Collar	1.000	3,500.000	3,500.00
Cement baskets 5 1/2"	2.000	300.000	600.00
5 1/2" Turbolizers	9.000	125.000	1,125.00
Mud flush	1,000.000	1.000	1,000.00
Light Eq Mileage	70.000	2.000	140.00
Heavy Eq Mileage	140.000	4.000	560.00
Ton Mileage	560.000	1.500	840.00
Cement Blending & Mixing	175.000	1.400	245.00
Depth Charge 3001'-4000'	1.000	2,250.000	2,250.00
Cement Data Acquisition	1.000	250.000	250.00
Cement Plug Container	1.000	250.000	250.00
Casing Swivel	1.000	300.000	300.00
Service Supervisor	1.000	275.000	275.00

Cement production css/#2

Total 17,191.00

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.



DATE OF THE PERSON					~						
Customer	YOUNGER ENER	GY COMPANY	Lease & Well#	DISQUE L 21				Date	1	0/17/202	2
Service District	PRATT		County & State	BARTON KS	Legals S/T/R	23-17	\$-11W	Job ∓	1		
Јов Туре	LONGSTRING	☑ PROD	O INI	□ SWD	New Well?	2 YES	□ No	Ticker#		WP3519	21 A
Equipment#	Oriver			Jeb Safety A	naiysis - A Discus	sion of Hazards	& Safety Pr	The second second			
912	MATTAL	☐ Hard hat		Ø Gloves		□ Lockout/Tag		□ Waming Sign	s & Flagging	ı	
170/521	CLIFTON	H2S Monitor		☑ Eye Protection		☐ Required Pe		☐ Fall Protectio			
526/258	CP030	☐ Safety Footwea	ar	□ Respiratory Pro	otection	□ Slip/Trip/Fal	l Hazards	□ Specific Job 9	equence/Exp	ectations	;
		FRC/Protective	Clothing	□ Additional Che	mical/Acid PPE	□ Overhead H	azards	☐ Muster Point,			
		□ Hearing Protec	tion	O Fire Extinguish	er	☐ Additional o	oncems or is:	sues noted below			
					Cor	nments					
Product/Service							1007	The state of the s			N. S.
CPUSC	H-Long	Desc	ription	NI VIII	Unit of Medsure		•		DESCRIPTION OF THE PERSON NAMED IN	Net A	Amount
CP055	H-Plug A				sack	125.00	-		-	\$	4,375.00
CP120	Cello-flake				sack	50.00		-			\$700.00
FE145	5 1/2" Float Shoe -	AFU Flancer Type			lb no	32.00		-	-		\$56.00
FE670	5 1/2" Latch Down				68	1.05					\$375.00
FE166	5 1/2" Port Collar				ea ea	1 89			-		\$350.00
PE130	5 1/2" Cement Bas	ket			ea	1.00			-		3,500.00
FE135	5 1/2 Turbolizer				88	9 00	-		_		\$600.00
CP178	Mud Flush				gal	1.000.00					1,125.00
Morte	Light Equipment Mi	ileage			mi	70.06					\$140.00
Meso	Heavy Equipment I	Vileage			mi	148.00					\$560.00
M826	Ton Mileage				tm	560,00					\$840.00
0060	Cernent Blending &	Mixing Service			sack	775.00					\$245.00
0014	Depth Charge: 350				job	5.00					2,250.00
1035	Cement Data Acqui	isition			job	1.50					\$250.00
1050	Cement Plug Conta	iner			job	1.00					\$250.00
548	Casing Swivel				job	1,90					\$300.00
RB81	Service Supervisor				day	4.56					\$275.00
				The state of the state of							
T 00-10	mer Sudham Ovil	e wiowing scale his	nv vaduld ydu rafe †	unicalle Services	hie 7				Net:	\$17	7,191.00
Ba	sed on this Job, ho	w likely is it www. w	Opin recommend	HSI to a college	2	Total Taxable	\$ -	Tax Rate:		\geq	\leq
						State tax laws dec used on new well:	to be sales ta	x exempt.	Sale Tax:	\$	
						Humicane Service well information al	s relies on the cove to make a	customer provided determination if			
	akely 1 2	3 4 5	6 7 8	9 10 s	tremely Likely	services and/or pr			Total:	\$ 17	,191.00
						HSI Represe	ntative:	Mike Matta	ť		
ERMS: Cash in advar	ice unless Hurricane S	Services Inc. (HSI) has	sporoved couril prior	rin coin Contil form							an Beel

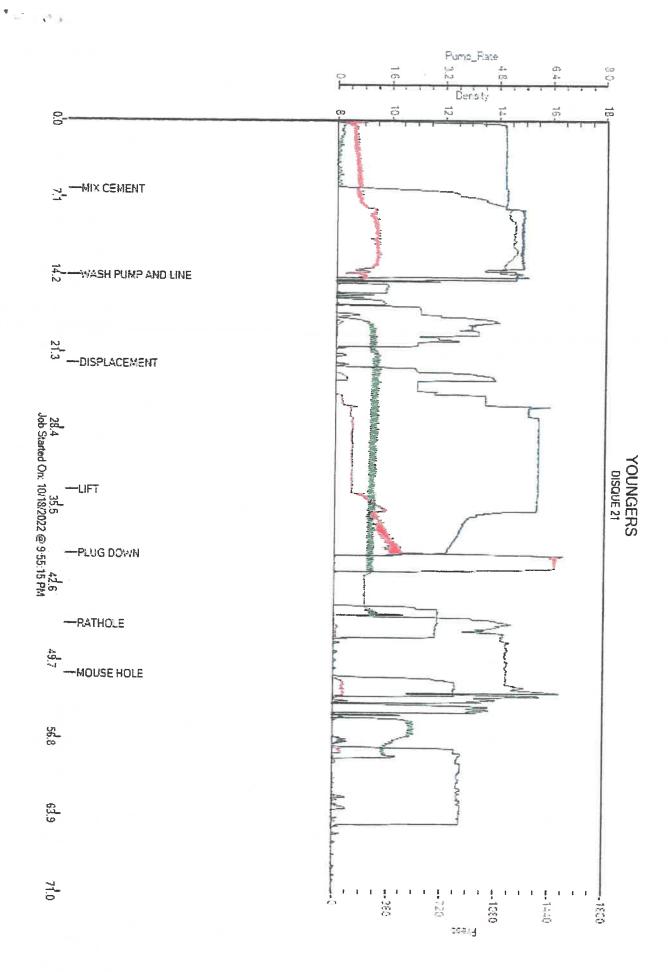
TERMS: Cash in advance unless Hurricane Services Inc. (HSI) has approved credit prior to sale. Credit lerms of sale for approved accounts and total invoice due on or before the 30th day from the date of invoice. Past due accounts shall pay interest on the beforce past due at the rate of 1 k% per month 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, Customar hereby agrees to pay all fees directly or indirectly incurred for such collection. In the event that Customar's account with HSI becomes delinquent, HSI has the right to revoke any discounts previously applied in antiving at net invoice price. Upon revocation, the full mixed 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 royalities and stated price adjustments. Actual charges may vary depending upon time, equipment, and material utitimately 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 teachers.

X	CUSTOMER AUTHORIZATION SIGNATUR
	COSTOMER AUTHORIZATION SIGNATUR



EMENT	TOE	ATEACN	T DED	ADT				V Committee of the Comm
			-					
Cust	omer:	YOUNG	ER ENE	RGY COM	PANY Well:	DISQUE L 21	Ticket	WP3519
City, S	State:	CLAFLI	N KS		County.	BARTON KS	Date	10/17/2022
Field	l Rep:	KYLE R	OBY		S-T-R:	23-17\$-11W	Service	LONGSTRING
Down	nhole I	nformatio	on		Calculated Slur	rv - Lead	Cal	culated Slurry - Tail
	Size:	NAME OF TAXABLE PARTY.			Blend:	H-LONG	Blend:	
Hole C	Pepth.	3368	ft		Weight:	15.0 ppg	Weight	
Casing	Sîze:	5 1/2	In		Water / Sx:	6.0 gai / sx	Water / Sx:	
Casing D	epth:	3369	ft		Yield:	1,43 ft ³ / sx	Yield:	
Fubing / .	Liner:		In		Annular Bbis / Ft.:	bbs / ft.	Annular Bbis / Ft.:	
D	epth:		ft		Depth:	ft	Depth:	ft
Tool / Pa	cker:				Annular Volume:	0.0 bbls	Annular Volume	0 bbls
Taol D	epth:		ft		Excess:		Excess.	
Displace	ment:	77.2	bbls		Total Slurry:	32.0 bbls	Total Slurry:	12.0 bbls
			STAGE	TOTAL	Total Sacks:	125 sx	Total Sacks:	50 sx
THE REAL PROPERTY.	RATE	PS!	BBLs	BBLs	REMARKS			
4:30 PM					ON LOCATION			
6:10 PM	-	-				SHOE JOINT 42.14' TURBOS 1	1,2,3,4,5,8,7,8, 47 BASKETS	7, 47 PORT CLLAR JOINT 47 1387
7:26 PM				-	CASING ON BOTTOM			
7:50 PM		400.0		*		CCIRCULATION WITH RIG (S	WITCH OUT CASING SWIVE	-)
11:00 PM	5.0 5.0	120.0	24.0 5.0	24.0	PUMP 24 BBL MUD FLUSH			
1:07 PM	5,0	120.0	32.0	29.0	PUMP 5 BBL WATER			
1:17 PM	4.0	25.0	4.0	65.0	MIX 125 SKS H-LONG			
1:23 PM	6.0	100.0	4.0	65.0	START DISPLACEMENT, S			
11:35 PM	6.0	220.0	58.0	123.0	LIFT PRESSURE	IAN NOIAIMO		
11:37 PM	4.0	280.0	67.0	190.0	SLOW RATE, STOP ROTAL	n n g		
11;41 PM		1,500.0	77.2	267.2	PLUG DOWN, RELEASED			
11:45 PM	2.0	25.0	7.0	274.2	MIX 30 SKS H-PLUG FOR I			
11:60 PM	2.0	25,0	5.0	279.2	MIX 20 SKS H-PLUG FOR 8	MOUSE HOLE		
					CIRCULATION THROUGH	JOB		
				-			v	
				-				
				-				
-	-		-		JOB COMPLETE, THANK Y	OUI		
	-				MIKE MATTAL			
-					AUSTIN & JOSE			
-								
-	-							
	awx.	CREW	87/2	IS AND DO	UNIT	M. Elevania	SUMMAR	Y LIV Y BUSINESS DE LI
Cem	enter	МАТТ			912	Average Rate	Average Pressure	Total Fluid
Pump Ope	V (55)	CLIF			170/521	4.3 bpm	252 psi	279 bbis
	rik #1°	CP03			526/256	Spin	l som hat	NIA MIM
	:lk #2	40						

ftv: 7-2020/11/30 mplv: 339-2022/10/05



Acid & Cement

POST OFFICE BOX 438 HAYSVILLE, KS 67060 (316) 524-1225 (316) 524-1027 FAX

Invoice

LEASE: DISQUE L 21 #2

Page: 1

BURRTON, KS | GREAT BEND, KS (620) 463-5161 FAX (620) 463-2104

(620) 793-3366 FAX (620) 793-3536

RECEIVED NOV 2 2022

INVOICE NUMBER: C50607-IN

BILL TO:

YOUNGER ENERGY CO. 9415 E HARRY ST **BLDG 400 STE 403** WICHITA, KS 67207-5083

DATE	ORDER	SALESMAN	ORDER DATE	PURCHASE (ORDER	SPECIAL	INSTRUCTIONS	
10/31/2022	50607		10/26/2022	DISQUE L 21	#2	ı	NET 30	
QUANTITY	U/M	ITEM NO./DI	ESCRIPTION		D/C	PRICE	EXTENSION	
30.00	МІ	MILEAGE PICKU	JP		0.00	4.00	120.00	
30.00	МІ	MILEAGE CEME	NT PUMP TRUCK		0.00	6.00	180.00	
1.00	EA	PUMP CHARGE	PORT COLLAR		0.00	1,000.00	1,000.00	
400.00	SK	60/40 POZ MIX 2	% GEL		0.00	13.50	5,400.00	
15.00	sĸ	2% ADDITIONAL	. GEL		0.00	25.25	378.75	
415.00	EA	BULK CHARGE			0.00	1.25	518.75	
275.25	МІ	BULK TRUCK - 1	TON MILES		0.00	1.10	302.78	
		1 231 Ceme	nd put collar ,	/±2			Ore In to	
REMIT TO: P.O. BOX HAYSVIL	438 LE, KS 67060		COP E IS NOT TAXABLE AND AND OR DELIVERY CHA		BATO	Net Invoice: CO Sales Tax: Invoice Total:	7,900.28 592.52 8,492.80	
RECEIVED BY			NET 30 DAYS			mivoice rotal.		



ORDER Nº C

50607

BOX 438 - HAYSVILLE, KANSAS 67060 316-524-1225

26-Oct 20 22 DATE

UTHORIZED B'	Y: Young	er Energy (NAME OF CUSTOMER)		40
1		City	State }	(5
		,		
TREAT WELL FOLLOWS Le	asa Disnu	well No. L "21" #2	Customer Order No.	
	Dioqu			
ec. Twp.		County Barton	State	KS
NOITIONS: As a part of	the consideration	hereof it is agreed that Copeland Acid is to service or treat at owners risk, the hereinbefore mention	ed well and is not to	
held liable for any dama blied, and no represental atment is payable. There	ge that may accru tions have been re will be no discou	e in connection with said service or treatment. Copeland Acid Service has made no representation, slied on, as to what may be the results or effect of the servicing or treating said well. The considerati nt allowed subsequent to such date, 6% interest will be charged after 60 days. Total charges are su latest published price schedules. Inself to be duly authorized to sign this order for well owner or operator.	on of said service or	
IIS ORDER MUST B		-		
EFORE WORK IS CO	MMENCED	Well Owner or Operator		Agent
CODE C	UANTITY	DESCRIPTION	UNIT	AMOUNT
20.0001	30	Mileage P.U.	\$4.00	\$120.0
20.0002		Mileage P.T.	\$6.00	\$180.0
20.0004	1	Pump Charge Port Collar	\$1,000.00	\$1,000.0
20.1003	400	65/35 Poz 2% Gel	\$13.50	\$5,400.0
20.1005	15	Gel on side per sack	\$25.25	\$378.7
20.0011	415	Bulk Charge	\$1.25	\$518.7
20.0012	275.25	Bulk Truck Miles	\$1.10	\$302.7
		Process License Fee on Gallons		
		TOTAL Enterial has been accepted and used; that the above service was per n, supervision and control of the owner, operator or his agent, whose	formed in a good and	
Copeland Rep		Nathan W.	e digitatare appears a	olow.
Station GB		Keith Revis		

CORELIND	TAR
Acid & Cement	图

TREATMENT REPORT

Acid Stage No.

	Cement	A CONTRACTOR OF THE PARTY OF TH			Type Treatment:			Type Fluid	Sand Size	Pound	s of Sand
	- 1	CB	F.O. No.		Bkdown	В	bl./Gal.				
	.6/2022 Distr					B	bl./Gal.	-			
	ounger Energy					E	bl./Gal.				
	No. Disque L		Field				361./Gal.				
_			State KS		Flush		Bbl./Gal.				
ounty B	arton		State No		Treated from			ft. to	ft.	No. ft.	0
				F-4-4 4				ft, to	ft.	No. ft.	0
lasing:	Size 5.5"	— Type & Wt.		f	from			ft. to			
ormation:			Perf.	0		6 - 11 / 12 / 12					Bbl./Gal.
formation:				to	Actual Volume of	of Oil / Water	(o rosa i	noie:			
Formation:			Perf	to	_			205 4		Turim	
	eType &	Wt	Top atft.	Bottom at	ft. Pump Trucks.				250		
					ft. Auxiliary Equipr				300		
Tubing:	Size & Wt		Swung at		ft. Personnel Nat						8
	Perforated from	om	ft. to		ft. Auxiliary Tools						
					Plugging or Sea	ling Material	s: Type				0.
Open Hole	Size	T.D	ft. P.	B. to	ft				Ga	als.	lb.
Company !	Representative		Keith F	R.	Treater _			1	lathan W.		
TIME	PRES	SURES	Total Fluid Pumped				REM	ARKS			
	Tubing	Casing									
	211			Outersties							
10:30	2"	5.5"		On Location.							
10:30	Σ"	5.5							1. 1.		
10:30	Z"	5.5		Port Collar-13	87' Loc	ate por	t colla	ar and sul	back.		
10:30	Z	5.5"		Port Collar-13					back.		
10:30	2"	5.5							back.		
10:30	Z*	5.5		Port Collar-13	ell to 1000	# Open			back.		
10:30	2"	5.5		Port Collar-13	ell to 1000	# Open			back.		
10:30	<u> </u>	5.5		Port Collar-13 Pressure up w Break circulati	vell to 1000a	# Open	port	collar.			
10:30	Z*	5.5		Port Collar-13	vell to 1000a	# Open	port	collar.		9.	
10:30	2"	5.5		Port Collar-13 Pressure up w Break circulati	vell to 1000a	# Open	port	collar.		2 .	
10:30	2	5.5		Port Collar-13 Pressure up w Break circulati	vell to 1000aion with was	# Open iter. gel Circ	port	collar.		<u>.</u>	
10:30		5.5		Pressure up w Break circulati Mix 400sks 65	vell to 1000sion with was 6/35poz 6% 4bbls. Clos	# Open iter. gel Circ	port	collar.		9.	
10:30		5.5		Pressure up w Break circulati Mix 400sks 65	vell to 1000sion with was 6/35poz 6% 4bbls. Clos	# Open iter. gel Circ	port	collar.		2 .	
10:30		5.5		Pressure up w Break circulati Mix 400sks 65 Displace with	vell to 1000sion with was 6/35poz 6% 4bbls. Clos o 1000# He	# Open iter. gel Circ e port c ld.	port	collar.		2.	
10:30		5.5		Pressure up w Break circulati Mix 400sks 65	vell to 1000sion with was 6/35poz 6% 4bbls. Clos o 1000# He	# Open iter. gel Circ e port c ld.	port	collar.		3,	
10:30		5.5		Pressure up w Break circulati Mix 400sks 65 Displace with	vell to 1000sion with was 6/35poz 6% 4bbls. Clos o 1000# He	# Open iter. gel Circ e port c ld.	port	collar.		9 .	
10:30		5.5		Port Collar-133 Pressure up w Break circulati Mix 400sks 65 Displace with Pressure up to	vell to 1000sion with was 6/35poz 6% 4bbls. Clos o 1000# He	# Open iter. gel Circ e port c ld.	port	collar.		2.	
10:30		5.5		Pressure up w Break circulati Mix 400sks 65 Displace with	vell to 1000sion with was 6/35poz 6% 4bbls. Clos o 1000# He	# Open iter. gel Circ e port c ld.	port	collar.		2,	
10:30		5.5		Port Collar-133 Pressure up w Break circulati Mix 400sks 65 Displace with Pressure up to Run 5 joints an	vell to 1000sion with was 6/35poz 6% 4bbls. Clos o 1000# He	# Open iter. gel Circ e port c ld.	port	collar.		3.	
10:30		5.5		Port Collar-133 Pressure up w Break circulati Mix 400sks 65 Displace with Pressure up to	vell to 1000sion with was 6/35poz 6% 4bbls. Clos o 1000# He	# Open iter. gel Circ e port c ld.	port	collar.		2 .	
10:30		5.5		Port Collar-133 Pressure up w Break circulati Mix 400sks 65 Displace with Pressure up to Run 5 joints an	vell to 1000sion with was 6/35poz 6% 4bbls. Clos o 1000# He	# Open iter. gel Circ e port c ld.	port	collar.			
10:30		5.5		Port Collar-133 Pressure up w Break circulati Mix 400sks 65 Displace with Pressure up to Run 5 joints an	vell to 1000sion with was 6/35poz 6% 4bbls. Clos o 1000# He	# Open iter. gel Circ e port c ld.	port	collar.		3.	

OPERATOR

Company: Younger Energy Company

9415 E. Harry Address:

Suite 403, Bldg 400 Wichita, KS 67207

Contact Geologist:

Contact Phone Nbr: 316-681-2542

Well Name: Disque L "21" #2 Location:

Sec. 23 - T17S - R11W API: 15-009-26369-0000

Pool:

Field: Kraft - Prusa

State: Kansas Country: USA



Scale 1:240 Imperial

Time:

5:15 AM

4:00 AM

Disque L "21" #2 Well Name: Surface Location: Sec. 23 - T17S - R11W **Bottom Location:**

15-009-26369-0000 API:

License Number: 30705 10/11/2022 Spud Date: Region: **Barton County**

Drilling Completed: 10/17/2022 Time:

Surface Coordinates: 4620' FSL & 4290' FEL

Bottom Hole Coordinates:

Ground Elevation: 1857.00ft K.B. Elevation: 1865.00ft

Logged Interval: 2700.00ft To: 3369.00ft

Total Depth: 3369.00ft Formation: Arbuckle

Drilling Fluid Type: Chemical/Fresh Water Gel

SURFACE CO-ORDINATES

Well Type: Vertical Longitude: -98.513208 Latitude: 38.563571 4620' FSL N/S Co-ord: E/W Co-ord: 4290' FEL

LOGGED BY

Keith Reavis

Consulting Geologist

Company: Keith Reavis, Inc. 3420 22nd Street Address: Great Bend, KS 67530

Phone Nbr: 620-617-4091

KLG #136 Name: Keith Reavis Logged By:

CONTRACTOR

Contractor: **Duke Drilling Company**

Rig #:

Rig Type: mud rotary Spud Date: 10/11/2022 Time: 5:15 AM TD Date: 10/17/2022 Time: 4:00 AM

Rig Release: Time:

ELEVATIONS

1865.00ft K.B. Elevation: Ground Elevation:

K.B. to Ground: 8.00ft

NOTES

Based on results of DST #2 and electrical log analysis, 5 1/2' production casing was run and cemented at depth to further test the Arbuckle through perforations and stimulation.

1857.00ft

A Bloodhound gas detection system operated by Bluestem Labs was employed during the drilling of this well. ROP and gas data, as well as gamma ray and caliper curves from the electrical log suite were imported into this log.

The samples were saved and will be available for review at the Kansas Geological Survey Well Sample Library located in Wichita KS.

Respectfully submitted Keith Reavis

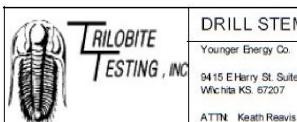
Younger Energy Company daily drilling report

DATE	7:00 AM DEPTH	REMARKS
10/14/2022	2545	Geologist Keith Reavis on location @1000 hrs, 2599 ft, tripping plugged bit during displacement, back on bottom, finish displacement, resume drilling King Hill, Queen Hill, Heebner
10/15/2022	3100	drilling ahead, Douglas, Lansing, show and kick in H zone warrants test, short trip, ctch, TOH w/bit, in w/tools, conduct DST #1, successful test,
10/16/2022	3275	TIH w/bit, resume drilling, lower KC and Arbuckle, show in Arbuckle warrants test, TOH w/bit and in w/tools, conduct and complete DST #2, successful test, TIH w/bit
10/17/2022	3369	back on bottom w/bit, rathole ahead and RTD 3369' @ 400am, ctch, trip out for logs, conduct logging operations, geologist off location 1100 am

Younger Energy Company well comparison sheet

		DRILLING Disque - : 4620' FSL Sec 23-T1'	21 & 4290'	FEL	COMPARISON WELL Younger - Disque #1 NW NW NW Sec 23-T175-R11W				COMPARISON WELL Petroleum Ener Disque A-2 E2 SW NW Sec 23-T17S-R11W			
	1865	KB			185	В КВ	Struct Relati		1859	кв	Struct Relati	
Formation	Sample	Sub-Sea	Log	Sub-Sea	Log	Sub-Sea	Sample	Log	Log	Sub-Sea	Sample	Log
King Hill	2756	-891	2758	-893	2744	-886	-5	-7				
Queen Hill	2830	-965	2833	-968	2818	-960	-5	-8				
Heebner	2909	-1044	2914	-1049	2900	-1042	-2	-7	2914	-1055	11	6
Douglas	2940	-1075	2945	-1080	2932	-1074	-1	-6	2945	-1086	11	6
Brown Lime	3016	-1151	3020	-1155	3005	-1147	-4	-8	3021	-1162	11	7
Lansing	3031	-1166	3032	-1167	3019	-1161	-5	-6	3034	-1175	9	8
BKC	3290	-1425	3294	-1429	3282	-1424	-1	-5				
Arbuckle	3306	-1441	3299	-1434	3299	-1441	0	7	3296	-1437	-4	3
Total Depth	3369	-1504	3368	-1503	3313	-1455	-49	-48	3302	-1443	-61	-60

Drill Stem Test #1



DRILL STEM TEST REPORT

Younger Energy Co.

94 15 E Harry St. Suite403 Whichita KS. 67207

23-17S-11W/ Barton

Disque 21-2

Job Ticket: 65071 DST#:1

Test Start: 2022.10.15 @ 16:04:00

GENERAL INFORMATION:

Formation: Lansing H

Deviated: Whipstock ft (KB) No.

Time Tool Opened: 18:08:30

Time Test Ended: 22:58:45

3156.00 ft (KB) To 3194.00 ft (KB) (TVD)

Total Depth: 3194.00 ft (KB) (TVD)

Hole Diameter: 7.88 inchesHole Condition: Good Test Type: Conventional Bottom Hole (Initial)

Tester: Richie Samora

Unit No:

Reference Bevations: 1865.00 ft (KB)

1857.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8355

Press@Run Depth:

62.12 ps g @

ft(KB)

2022.10.15

Capacity: Last Calib.: 8000.00 psig

Start Date:

2022.10.15 Start Time: 16:04:05

End Time:

22:58:44

Time On Btm:

1899.12.30 2022.10.15 @ 17:55:15

Time Off Btm:

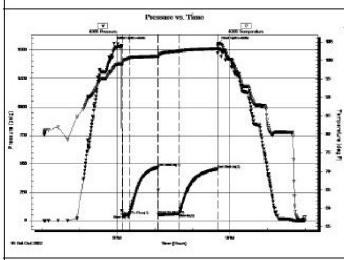
2022.10.15 @ 20:41:00

TEST COMMENT: 10-F: Strong blow BOB in 3:30, built to 29.85"

45-ISI: No blow back

30-FF: Strong blow BOB in 30 seconds, built to 58"

60-FSI: No blow back



ime	Pressure	Temp	Annotation
Ain.)	(psig)	(deg F)	
0	1556.17	98.22	Initial Hydro-static
14	52.65	99.15	Open To Flow (1)
25	49.83	100.67	Shut-h(1)
70	472.26	101.19	End Shut-In(1)
71	58.10	101.07	Open To Flow (2)
104	62.12	102.60	Shut-h(2)
165	457.00	103.27	End Shut-In(2)
166	1556.07	104.41	Final Hydro-static

Recovery

Length (f)	Dies cription	Volume (tibl)
63.00	0SM 20% O 80%M	0.88
35.00	OSM 5%O 95%M	0.49
0.00	973 GIP	0.00
	9	9
	ß	9
	-	

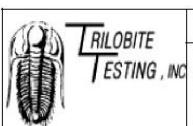
Gas Rates

Chake (inches)

Pressure (psig)

Gas Rate (Mofd)

Drill Stem Test #2



DRILL STEM TEST REPORT

Younger Energy Co.

9415 E Harry St. Suite403 Wichita KS, 67207

ATTN: Keath Reavis

23-17S-11W/ Barton

Disque 21-2

Job Ticket: 65072

DST#:2

Test Start: 2022.10.16 @ 15:05:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Time Tool Opened: 16:52:15

Time Test Ended: 21:56:15

Deviated: No Whipstock

ft (KB)

Fod Date:

Richie Samora Tester:

Test Type: Conventional Bottom Hole (Reset)

Unit No: 66

Reference Bevations:

1865.00 ft (KB)

1857.00 ft (CF)

KB to GR/CF: 8.00 ft

Hole Diameter: Serial #: 8355

Interval:

Total Depth:

Press@Run Depth: 209.57 psig @ Start Date:

2022 10 16

3194.00 ft (KB) (TVD)

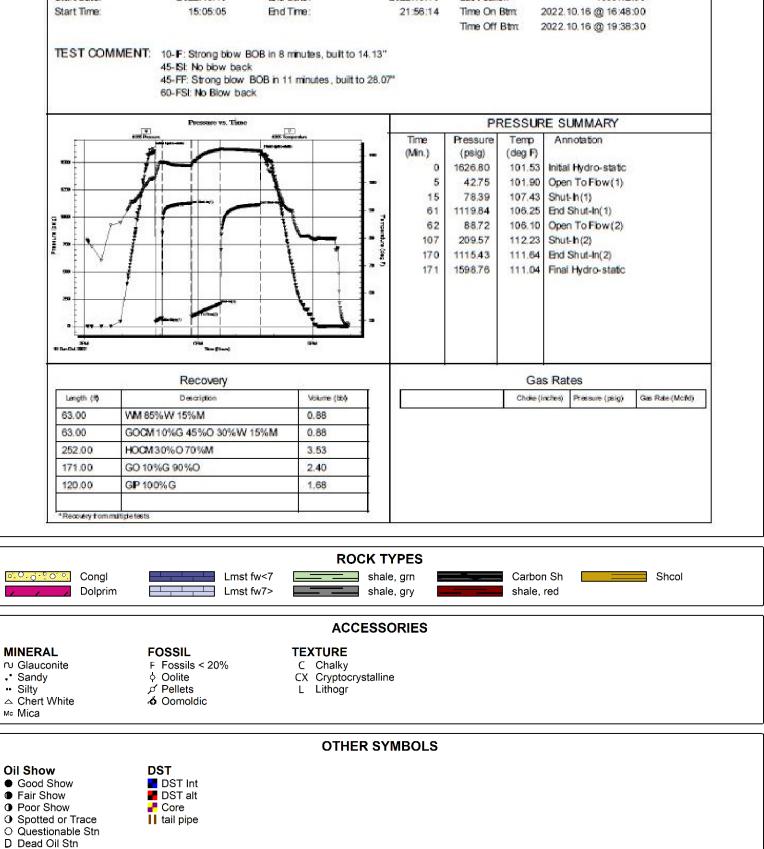
7.88 inchesHole Condition: Good

3285.00 ft (KB) To 3319.00 ft (KB) (TVD)

ft (KB)

2022 10.16 Last Calib.

8000.00 psig 1899 12 30



Printed by GEOstrip VC Striplog version 4.0.8.15 (www.grsi.ca)
TG, C1 - C5

ROP (min/ft)

Gamma (API)

Cal (in)

Sequence of the latest and th

■ Fluorescence ★ Gas

Curve Track #1

