KOLAR Document ID: 1707354

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

KOLAR Document ID: 1707354

#### Page Two

Operator Name:					Lease Nam	ne:			Well #:	
Sec Tw	pS. F	R [	East	West	County:					
open and closed and flow rates if	, flowing and sh gas to surface t ty Log, Final Lo	nut-in pressurest, along wit	es, whe h final c ain Geo	ther shut-in pre hart(s). Attach physical Data a	essure reached extra sheet if r and Final Electr	station more : ric Loc	level, hydrosta space is needed	tic pressures, d.	bottom hole tempe	val tested, time tool erature, fluid recovery,  Digital electronic log
Drill Stem Tests Taken Yes (Attach Additional Sheets)				es No		Lo	og Formatio	n (Top), Deptl	n and Datum	Sample
Samples Sent to	Geological Sur	vey	Ye	es 🗌 No		Name	)		Тор	Datum
Cores Taken Electric Log Run Geologist Repor List All E. Logs F	t / Mud Logs		Y€  Y€	es No						
			Repo		RECORD [	Nev	w Used rmediate, producti	on. etc.		
Purpose of St		ze Hole Orilled	Siz	e Casing (In O.D.)	Weight Lbs. / Ft.		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
				ADDITIONAL	OF MENTING /					
Purpose:	[	Depth	Typo	of Cement	# Sacks Use		EEZE RECORD	Typo a	ad Paraant Additivas	
Perforate Protect Ca Plug Back	Top	Bottom	туре	or cement	# Sacks Use	,u	d Type and Percent Additives			
Plug Off Z										
Did you perform     Does the volum     Was the hydraul	e of the total base	fluid of the hyd	draulic fra	cturing treatmen		•	Yes ns? Yes	No (If No	, skip questions 2 an , skip question 3) , fill out Page Three o	,
Date of first Produ	ction/Injection or	Resumed Produ	uction/	Producing Meth	nod:		Coolift 0	thor (Fundain)		
Estimated Produc	otion	Oil Bb	le.	Flowing Gas	·		Gas Oil Patio	Gravity		
Per 24 Hours		Oli Bb	15.	Gas	IVICI	vvale	ı Di	JIS.	Gas-Oil Hallo	Gravity
DISPO	OSITION OF GAS	S:		N	METHOD OF CO	MPLE.	TION:		PRODUCTIO	N INTERVAL:
□ Vented         □ Sold         □ Used on Lease         □ Open I						Dually Comp. Commingled Top			Bottom	
(If vented, Submit ACO-18.) (Submit ACO-5) (Submit ACO-4)										
Shots Per Foot	Perforation Top	Perforation Bottom	on	Bridge Plug Type	Bridge Plug Set At		Acid,		Cementing Squeeze Kind of Material Used)	Record
TUBING RECOR	D: Size:		Set At:		Packer At:					

Form	ACO1 - Well Completion
Operator	Blake Exploration, LLC
Well Name	LESAGE 1
Doc ID	1707354

# Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Type and Percent Additives
Surface	12.25	8.635	20	220	80/20	 3% c.c.2%gel

# OILWELL CEMENTING, INC. Federal Tax I.D.# 20-2886107

Phone 785-483-1071 Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 3504

Date 3-/6-23	Sec.	Twp.	Range 21		County	State	On Location	Finish	
	7.00	,					10 1E to		
Lease LC CAC	CE		Well No.	Locali		GEW! 3	11 42		
Contractor Discover	The		vven No. /		Owner To Quality O	ilwell Cementing, I	nc.	ed lights to still	
1 /	2 4				You are here	by requested to re	ent cementing equipment	and furnish	
Type Job SURFAC	.01. 200				Charge R	d neiper to assist o	owner or contractor to do	work as listed.	
Hole Size 19-9	***************************************	T.D.	+00	<del></del>	To 0//	HKE 1-	401.66		
Csg. 6		Depth			Street				
Tbg. Size		Depth		11.81	City		State	140 00000000000000000000000000000000000	
Tool		Depth	Book of Book (			A	and supervision of owner		
Cement Left in Csg.	5	Shoe Jo	oint		Cement Amo	ount Ordered /	804 6920	3-2	
Meas Line		Displac	e / 3 - 5	2		recent entre	WYTELAUCK ESSELAM	CVINVOT-	
No Ceme	EQUIPN	MENT	BILL		Common	0 145		STEERC YTT SALK	
Pumptrk / Helper	r		13:11		Poz. Mix	35	Report of the page of be		
Bulktrk No. Driver			Nick		Gel. 3	Sadanini tokas d	CLORE CHARGEES: It a to	(2) a 3 (2)	
Bulktrk No. Driver		3	CORY	/	Calcium	7			
Had JOB SEI	RVICES	& REMA	RKS /	316/10/7	Hulls			una ear-yerru,	
Remarks: Sand W	anted	Mor	e Cemen	rt	Salt				
Rat Hole	eriod ta	de tames			Flowseal				
Mouse Hole	1 1 1 1 1 1 1				Kol-Seal				
Centralizers					Mud CLR 48				
Baskets				Manual Transfer	CFL-117 or CD110 CAF 38				
D/V or Port Collar	800 8075			n cellstaling	Sand				
Sef +220				i i i	Handling 190				
Cent w/18	ON	/			Mileage				
Qu'mp plug	W	13.	24			FLOAT EQUIP	MENT	In fibrial mining	
Cem+ Dia	116	RC			Guide Shoe			1	
Strikeliss of spikes keylers		gniauae	e apolitinos s		Centralizer	napally or respon	vices not assume any	TUAUQ 7	
		ment as	so and as lever t		Baskets				
noteping 2731 Aug 12	bruini (	de la constitución de la constit	S. C. San		AFU Inserts		rang ny jag on Beli.		
					Float Shoe		A formation of		
			•		Latch Down				
							•		
	233	1000 W		To a series		AT AL BATTAL	A		
					Pumptrk Cha	ge Surfac	a Tak		
To ap					Mileage 50	Juriac	700		
emazon, or oaka turnu/sta		N YES IC	884/109/109 V	p   385	willeage	18 5 13 5 2 1 1 2 7	Tax	particle (a)	
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X Signature Vy	Yora	1	-		prices	n gruposues et ac. ≜ing gruposes et dele			
Signature 10 y					6		Total Charge		

# QUALITY OILWELL CEMENTING, INC. Federal Tax I.D.# 20-2886107

Phone 785-483-1071 Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 3508

2 10.02	Sec. Tw			County	State	On Location	Finish		
Date 3-22-23	127	2	/	GRaham	Rs		S: 30,000		
yam TRANSTON may			L	ocation Nica	demis 3,	NIF			
Lease / ESAG	E	Well No.	1	Owner					
Contractor Discous	Ky- 9		,	To Quality Oi	lwell Cementing, In	C.			
Type Job PTA	Age in the	RANKAS	larti geras	cementer and	helper to assist ov	t cementing equipme	nt and furnish to work as listed.		
Hole Size 72	Size 72 T.D. 36/0				ARE EXP	1.11.			
Csg.	Dept		hallaine	To 31	1-71				
Tbg. Size	Dept	h		City		State			
Tool	Dept	h	DO TREETE	7	done to satisfaction	and supervision of owne	r agent or contractor		
Cement Left in Csg.	Shoe	Joint	isda YTLL	Cement Amo	unt Ordered 305	p 60/40-4	r agent or contractor		
Meas Line	Displ	ace	a bris. of a	I He	Seul	7 8910-9			
	EQUIPMENT	swinged i, c	Learning David	Common/S	,	9 38 Wastel (18 00 5) to	Bridge Fluid LAUS		
Pumptrk /7 No. Cer	menter per	13:1	1)	Poz. Mix /2					
Bulktrk No. Driv		Nich		Gel. 11			N. W. GERG		
Bulktrk 19 No. Driv		BRY	an t	Calcium					
JOB :	SERVICES & REN	MARKS		Hulls					
Remarks:			leric :	Salt					
Rat Hole 30A	Br								
Mouse Hole / 5	spr	,		Kol-Seal					
Centralizers	Spraydon including C	ng yas yd	miguoyo /	Mud CLR 48					
Baskets	111				CFL-117 or CD110 CAF 38				
D/V or Port Collar		ashir	ant long	Sand					
3570 - W	Soska		10 m	Handling 3/	211				
1720 W_	sonly			Mileage					
930 W	100 Als			FLOAT EQUIPMENT					
270 4	Sosbr			Guide Shore / Dry Note plug					
40 W	josh	es-argini		Centralizer					
	m alcayer most		Livis baries	Baskets					
noissie / Titalio	POT STATE OF THE S		Service of	AFU Inserts					
				Float Shoe					
NO YILL MARKET SALE			Kita ya	Latch Down					
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			per spring	PH CORP.	Part Breeze	Part of the second			
unit to disease eat to est				Pumptrk Charg	de Nlue		A		
	-F			Mileage 50	Pig	Samuel House and the same	es at the construction		
	Maria Maria Vida			AND DOUBLE VIEW		Tax			
	YELIAUD to see		oto to bu	Tha	NKS	Discount			
Signature My (	2) cool		MALO VII	- Ina	אווסמיויפוטה כד כב	Total Charge			
			/	10		Total Onaige			



# **Test Ticket**

NO. 70791

Well Name & No. Lesace #1	Test No.	Da	te 03/19/20	23
Company Bloke Exploration	1 10	,	B 2104	GL
Address 801 5 Main	1- 1	Bogue M	1 676254	4.4
Co. Rep/Geo Mike Davign	A 1	covery #	1	
Location: Sec. 12 Twp 75	Rge. 21 w Co. Fraka	1	State 16	
nterval Tested 3267' - 3255	Zone Tested Topella			
nchor Length 13'	_ Drill Pipe Run 3226	Mud	wt. 8,6	
op Packer Depth 3262	Drill Collars Run 38	Vis _	78	
ottom Packer Depth 3267	Wt. Pipe Run	WL_	6.8	
otal Depth 3286	Chloridesppm	System LCM	2#	
Blow Description 17-5 of soft full	additional 2 of slid	e BOB	14 mins &	Built
-DSD-Surface to 40		,		24
77-15015 15 mins; 1	Builto to 47			
Fel-Surface to &"				
tec540 V Feet of MCU	%gas	%oil 93	5 %water 3	%mu
ec Feet of 1000 GIP	/00 %gas	%oil	%water	%mu
ec Feet of	%gas	%oil	%water	%mu
ec Feet of	%gas	%oil	%water	%mu
ec Feet of	%gas	%oil	%water	%mu
ec Feet of	%gas	%oil	%water	%mu
ecFeet of	%gas	%oil	%water	%mu
lec Total 540 BHT 105°	Gravity API RW @	40° F Chio	rides 98.000	
nitial Hydrostatic	X Test1800		e Packer	
nitial Flow23to	□ Jars		ser	
itial Shut-In 589	☐ Circ Sub			
inal Flow	☐ Hourly Standby	☐ EM Tool Suc		
inal Shut-In588	Mileage 2027 59mi 103.25	☐ Accessibility		
inal Hydrostatic 1502	☐ Sampler 18mi 31.50			14139
T- On Location 21:35	☐ Straddle		ole	
itial Flow 30 T-Started 00:1/	☐ Shale Packer			
itial Shut-In 30 T-Open 02:19	□ Extra Packer		4.75	
nal Flow60T-Pulled05:19	□ Extra Recorder	-		
inal Shut-In_60 T-Out_07:50	□ Day Standby			
Comments		LI WIF/DOT DIS		
Approved By	Our Representative	verson N	that !	7
		THE STATE OF	TO DESCRIPTION OF THE PARTY OF	and the second second

Trilobite Testing Inc. shall not be liable for damage of any kind of 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.



Blake Exploration LLC

201 S Main

12-7s-21w Graham KS

PO BOX 150 Bogue KS 67625+0150 ATTN: Mike Davignon Lesage #1

Job Ticket: 70791

**DST#:1** 

Test Start: 2023.03.20 @ 00:11:01

#### GENERAL INFORMATION:

Formation:

Topeka

Deviated:

Interval:

No Whipstock:

ft (KB)

Time Tool Opened: 02:23:12 Time Test Ended: 07:51:27

est Type:

Conventional Bottom Hole (Initial)

Tester: Sp

Spencer J Staab

Unit No: 8

84

Reference Elevations:

2112.00 ft (KB)

KB to GR/CF:

2104.00 ft (CF) 8.00 ft

Total Depth: Hole Diameter: 3267.00 ft (KB) To 3280.00 ft (KB) (TVD) 3280.00 ft (KB) (TVD) 7.88 inches Hole Condition:

Serial #: 8875 Press@RunDepth:

Outside

Outside

269.94 psig @

3268.00 ft (KB)

Capac

Capacity:

psig

Start Date: Start Time:

2023.03.20 End Date: 00:11:01 End Time:

2023.03.20 07:51:26 Last Calib.: Time On Btm: 2023.03.20 2023.03.20 @ 02:22:57

Time Off Btm:

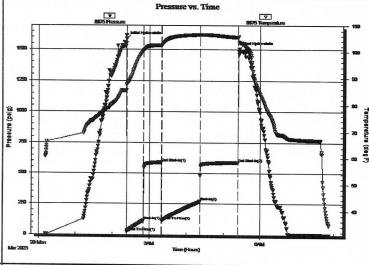
2023.03.20 @ 05:25:42

TEST COMMENT: 30-IF-5' soft fill 2' of Slide BOB 14 mins Built to 24.5"

30-ISI-Surface to 1/4"

60-FF-BOB 15 mins Built to 47"

60-FSI-Surface to 1/2"



1	PRESSURE SUMMARY						
ı	Time	Pressure	Temp	Annotation			
ı	(Min.)	(psig)	(deg F)				
ı	0	1587.14	87.84	Initial Hydro-static			
١	1	23.44	87.81	Open To Flow (1)			
ı	28	115.90	100.44	Shut-In(1)			
ı	57	589.66	102.31	End Shut-In(1)			
l	58	115.78	102.27	Open To Flow (2)			
ı	119	269.94	106.50	Shut-In(2)			
l	182	588.18	105.48	End Shut-In(2)			
ı	183	1502.54	103.50	Final Hydro-static			
ı							
l							
ı							
ı							
l							

#### Recovery

Length (ft)	Description	Volume (bbl)
540.00	MCW 5%M 95%W	7.38
0.00	1000 GIP 100%G	0.00
0.00	RW=.148@40F	0.00

Gas	naı	<del>C</del> S	

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

Trilobite Testing, Inc.

Ref. No: 70791

Printed: 2023.03.20 @ 08:23:32



Blake Exploration LLC

Lesage #1

12-7s-21w Graham KS

201 S Main PO BOX 150

Job Ticket: 70791

DST#: 1

Bogue KS 67625+0150 ATTN: Mike Davignon

Test Start: 2023.03.20 @ 00:11:01

GENERAL INFORMATION:

Time Tool Opened: 02:23:12

Time Test Ended: 07:51:27

Formation:

Topeka

Deviated:

No Whipstock:

ft (KB)

Test Type: Conventional Bottom Hole (Initial)

Tester:

Spencer J Staab

Unit No:

84

Def

Reference Elevations:

2112.00 ft (KB)

KB to GR/CF:

2104.00 ft (CF) 8.00 ft

Interval:

3267.00 ft (KB) To 3280.00 ft (KB) (TVD)

Total Depth:

3280.00 ft (KB) (TVD)

Hole Diameter:

7.88 inches Hole Condition:

Serial #: 6838

Inside

Press@RunDepth:

psig @

3268.00 ft (KB)

2023.03.20

Capacity:

psig

Start Date:

2023.03.20

End Date:

07.54.07

Last Calib.: Time On Btm: 2023.03.20

Start Time:

00:11:01

End Time:

07:51:27

Time Off Btm:

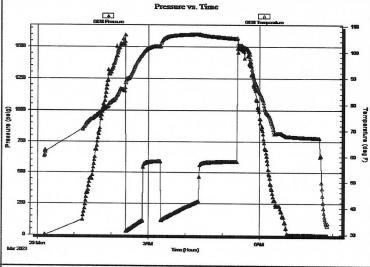
Start Time

TEST COMMENT: 30-IF-5' soft fill 2' of Slide BOB 14 mins Built to 24.5"

30-ISI-Surface to 1/4"

60-FF-BOB 15 mins Built to 47"

60-FSI-Surface to 1/2"



PF	RESSUR	RE SUMMARY
ure	Temn	Annotation

	Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
Temperature (deg F)				
<b>eg</b> ₹)				

#### Recovery

Description	Volume (bbl)		
MCW 5%M 95%W	7.38		
1000 GIP 100%G	0.00		
RW=.148@40F	0.00		
	MCW 5%M 95%W 1000 GIP 100%G		

#### Gas Rates

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

Trilobite Testing, Inc

Ref. No: 70791

Printed: 2023.03.20 @ 08:23:33



**FLUID SUMMARY** 

Blake Exploration LLC

12-7s-21w Graham KS

Lesage #1

201 S Main PO BOX 150

Job Ticket: 70791

DST#: 1

Bogue KS 67625+0150 ATTN: Mike Davignon

Test Start: 2023.03.20 @ 00:11:01

Mud and Cushion Information

Mud Type: Gel Chem

9.00 lb/gal

Cushion Type: Cushion Length: Oil API:

deg API

Mud Weight: Viscosity:

78.00 sec/qt 6.80 in<sup>3</sup> Cushion Volume:

ft bbl Water Salinity: 98000 ppm

Water Loss: Resistivity:

Salinity:

Filter Cake:

ohm.m 1000.00 ppm inches Gas Cushion Type:

Gas Cushion Pressure:

psig

**Recovery Information** 

Recovery Table

Length ft	Description	Volume bbl
540.00	MCW 5%M 95%W	7.377
0.00	1000 GIP 100%G	0.000
0.00	RW=.148@40F	0.000

Total Length:

540.00 ft

Total Volume:

7.377 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Printed: 2023.03.20 @ 08:23:34

Laboratory Name:

Laboratory Location:

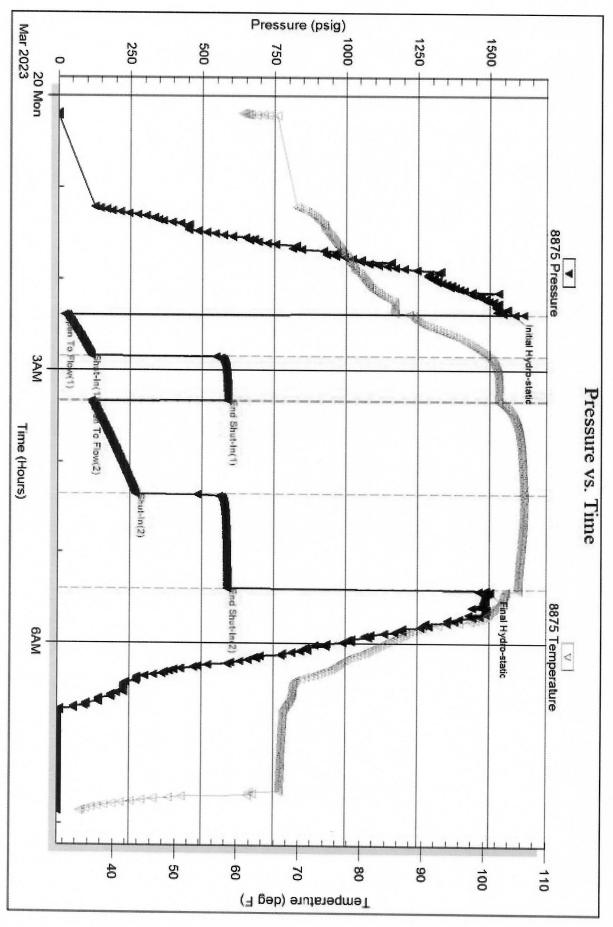
Recovery Comments: 2#LCM

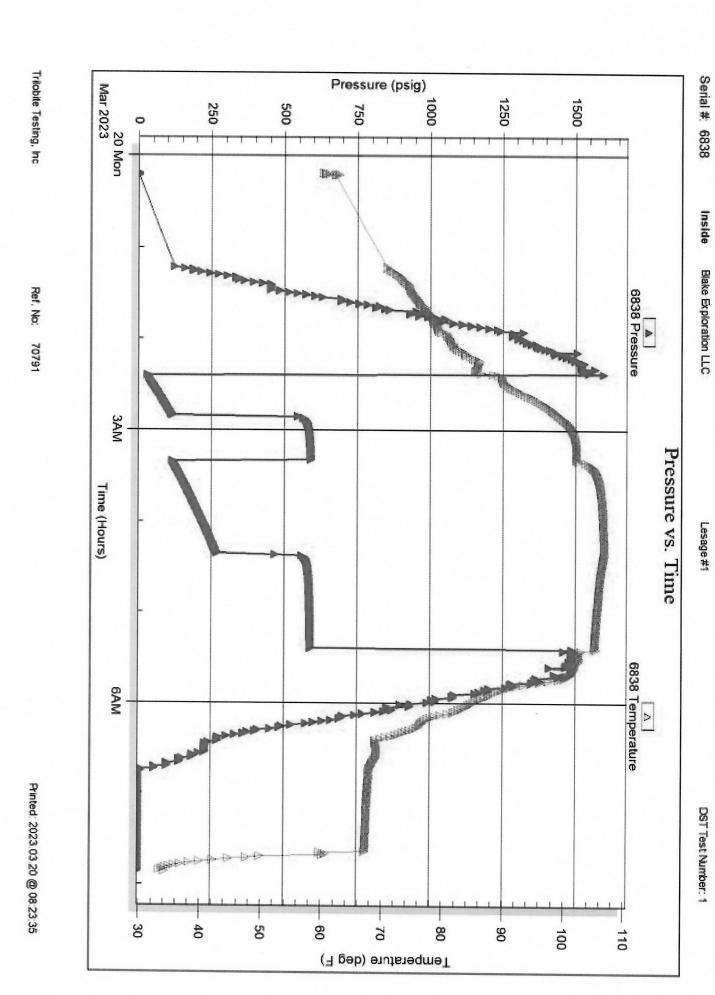
Printed: 2023.03.20 @ 08.23:34

Serial #: 8875

Outside

Blake Exploration LLC







# **Test Ticket**

NO. 70792

1515 Commerce Parkway • Hays, Kansas 67601

20 11-				
Well Name & No. Ze Sage #/	Test No	$\mathcal{Z}$ Da	te <u>03/20/2</u>	023
Company Dlake Exploration	Elevation &	112	(B 2104	GL
Address 201 5 Main	PO BOX 0150 1	Boque As	67625+	0150
Co. Rep/Geo Miko Davigno	n Rig Di	govery #4	1	
Location: Sec. 21 Twp 75	Rge. Qlur Co. Trat	lam	State	1
Interval Tested 3293 ' - 3345'	Zone Tested 707 - LKC	a		
Anchor Length 52'	Drill Pipe Run 3256	Mud	wt. 8,6	
Top Packer Depth 3288	Drill Collars Run 30'	Vis _	17	
Bottom Packer Depth 3293	Wt. Pipe Run	WL_	6.8	
Total Depth 3345	Chlorides /OOO pp	om System LCM	2#	
Blow Description 17-5 Places Bled	fl & Blow, Surface	to 4"		
-15d-No Keturn	0 10			
77 Very Weak Surfe	ce jobela 4m	ning		
Rec_ 30' Feet of Much				•
Rec Feet of  Rec Feet of	%gas	%oil	%water 1	
Rec Feet of	%gas	%oil	%water	%mud
Rec Feet of		%oil	%water	%mud
Rec Feet of		%oil	%water	%mud
Rec Feet of		%oil	%water	%mud
Rec Feet of	%gas	%oil %oil	%water	%mud
Rec Total 30' BHT 90°	_ Gravity API RW		%water	%mud
Initial Hydrostatic	Test1800		e Packer	ppm
Initial Flow32 to 34	□ Jars		e Packer	
Initial Shut-In 74	☐ Circ Sub			
Final Flow 35 to 3.5	☐ Hourly Standby		cessful350	
Final Shut-In 37	Mileage 40 R7 36mi 63		cessiui	
Final Hydrostatic	□ Sampler			
T- On Location 15:05	☐ Straddle	•	ole	
Initial Flow 30 T-Started 16:01	☐ Shale Packer			
Initial Shut-In 30 T-Open 17:48	☐ Extra Packer	-	13	
Final Flow 10 T-Pulled 19:03	☐ Extra Recorder			
Final Shut-In 5 T-Out 20127	☐ Day Standby			
Comments				
				0 0
Approved By	our Representative	sineer W	Starl- 1	Ranks!

Trilobite Testing Inc. shall not be liable for damage of any kind of 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. 785-259-0056



Blake Exploration LLC

ATTN: Mike Davignon

201 S Main

PO BOX 150

12-7s-21w Graham KS

Lesage #1

Job Ticket: 70793 Bogue KS 67625+0150

Test Start: 2023.03.21 @ 03:45:00

#### GENERAL INFORMATION:

Time Tool Opened: 05:40:22

Time Test Ended: 08:12:17

Formation:

LKC C

Deviated:

No

Whipstock:

ft (KB)

Test Type: Conventional Bottom Hole (Reset)

Tester: Spencer J Staab

Unit No: 84

Reference Elevations:

2112.00 ft (KB)

psig

KB to GR/CF:

2104.00 ft (CF) 8.00 ft

**DST#:3** 

Interval: Total Depth: 3353.00 ft (KB) To 3377.00 ft (KB) (TVD) 3377.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition:

Serial #: 8875 Press@RunDepth: **Outside** 

32.37 psig @

3354.00 ft (KB)

End Date:

2023.03.21

Capacity: Last Calib .:

Start Date: Start Time:

2023.03.21 03:45:01

End Time:

08:12:17

Time On Btm:

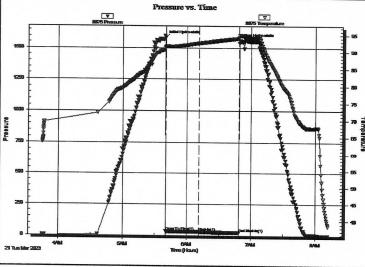
2023.03.21 2023.03.21 @ 05:40:02

Time Off Btm:

2023.03.21 @ 06:49:17

TEST COMMENT: 30-IF-Slid 4' Bled off 1.5" Blow Surface to 1/2"

30-ISI-No Return Pulled Tool



_					
	PRESSURE SUMMARY				
Ī	Time	Pressure	Temp	Annotation	
	(Min.)	(psig)	(deg F)		
	0	1584.12	91.49	Initial Hydro-static	
	1	33.65	91.46	Open To Flow (1)	
	31	32.37	92.61	Shut-In(1)	
	69	22.59	94.10	End Shut-In(1)	
i m	70	1559.17	95.04	Final Hydro-static	
Temperature					
3					
- 1					

#### Recovery

Description	Volume (bbl)
Mud 100%M	0.29
multiple tests	
֡֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜	

Gas Rates

Choke (inches)

Pressure (psig) Gas Rate (MMcf/d)

Trilobite Testing, Inc

Ref. No: 70793

Printed: 2023.03.21 @ 08:19:11



Blake Exploration LLC

Lesage #1

201 S Main PO BOX 150

Job Ticket: 70793

**DST#:3** 

Bogue KS 67625+0150 ATTN: Mike Davignon

Test Start: 2023.03.21 @ 03:45:00

Spencer J Staab

12-7s-21w Graham KS

#### GENERAL INFORMATION:

Formation:

LKC C

Deviated:

No Whipstock:

ft (KB)

Time Tool Opened: 05:40:22 Time Test Ended: 08:12:17

Interval:

3353.00 ft (KB) To 3377.00 ft (KB) (TVD)

3377.00 ft (KB) (TVD)

Total Depth: Hole Diameter:

7.88 inches Hole Condition:

Test Type:

Conventional Bottom Hole (Reset)

Tester:

84

Reference Elevations:

Unit No:

2112.00 ft (KB) 2104.00 ft (CF)

KB to GR/CF:

8.00 ft

Serial #: 6838

Press@RunDepth:

Inside

psig @

3354.00 ft (KB)

Capacity: Last Calib .:

Start Date: Start Time:

2023.03.21

End Date:

2023.03.21

Time On Btm:

2023.03.21

03:45:01

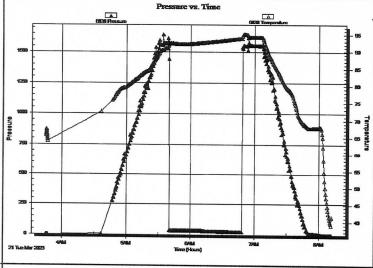
End Time:

08:12:17

Time Off Btm:

TEST COMMENT: 30-IF-Slid 4' Bled off 1.5" Blow Surface to 1/2"

30-ISI-No Return Pulled Tool



	PRESSURE SUMMARY						
	Time	Pressure	Temp	Annotation			
	(Min.)	(psig)	(deg F)				
1							
١							
1							
١							
1							
١							
I							

#### Recovery

Length (ft)	Description	Volume (bbl)
40.00	Mud 100%M	0.29
4.5		
*Recovery from n	nultiple tests	

Gas Rates

Choke (inches)

Pressure (psig)

Gas Rate (MMcf/d)

Trilobite Testing, Inc.

Ref. No: 70793

Printed: 2023.03.21 @ 08:19:11



**FLUID SUMMARY** 

Blake Exploration LLC

12-7s-21w Graham KS

201 S Main PO BOX 150

Job Ticket: 70793

Lesage #1

ft

bbl

psig

**DST#:3** 

Bogue KS 67625+0150 ATTN: Mike Davignon

Test Start: 2023.03.21 @ 03:45:00

Mud and Cushion Information

Mud Type: Gel Chem

9.00 lb/gal

Mud Weight: Viscosity: Water Loss:

62.00 sec/qt 6.80 in<sup>3</sup>

Resistivity: Salinity:

Filter Cake:

ohm.m 1000.00 ppm inches Cushion Type:

Cushion Length: Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

Oil API:

deg API

Water Salinity:

ppm

**Recovery Information** 

Recovery Table

Length ft Description Volume bbl 40.00 Mud 100%M 0.289

Total Length:

40.00 ft

Total Volume:

0.289 bbl

Num Fluid Samples: 0

Num Gas Bombs: Laboratory Location:

Serial #:

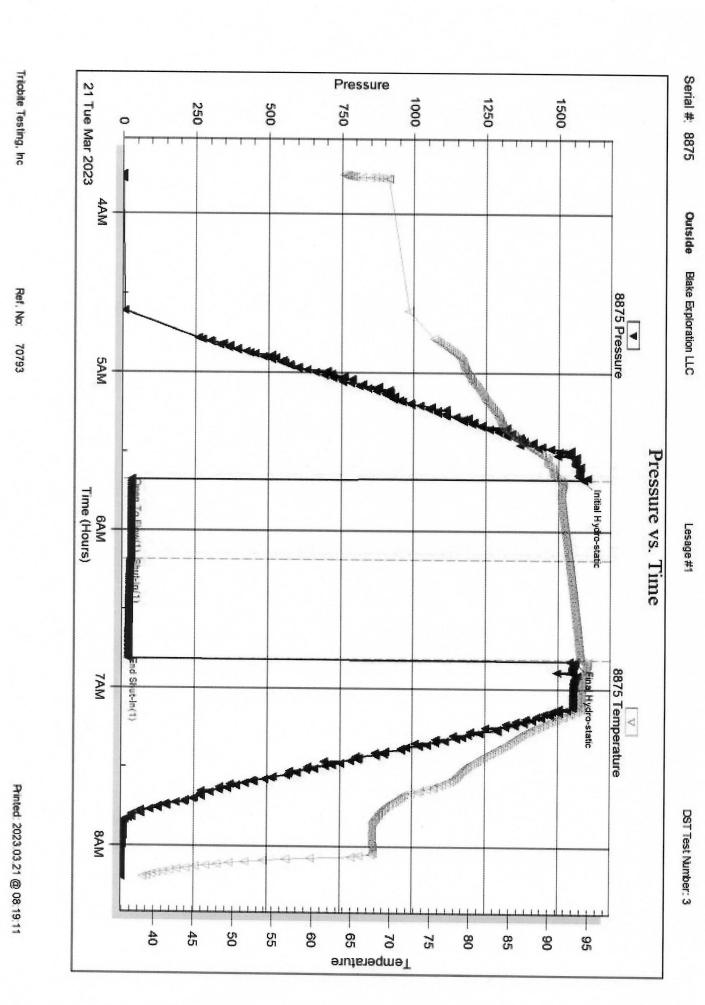
Laboratory Name:

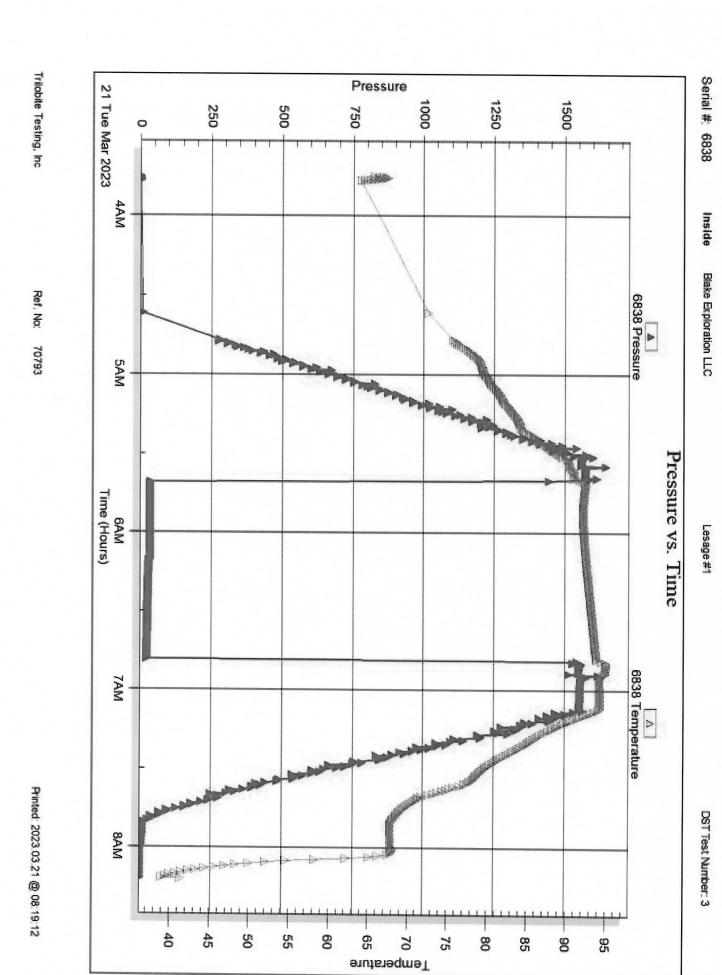
Recovery Comments: 2#LCM

Trilobite Testing, Inc

Ref. No: 70793

Printed: 2023.03.21 @ 08:19:11







# **Test Ticket**

NO. 70793

Company   Shale   Emphantion   KC   Elevation   2112   KB   2104   GL     Address   AC   S   S   S   S   S   S   S   S   S     Co. Rep / Geo	Well Name & No. Le Sage #/		Test No.	3 Da	ate 03/21/20	202
Address   AC   S	Company Blobo Employed	in del	_			
Co. Rep / Geo   Co. State	1 11/1	• 1		11.	4	MONOMINE .
Interval Tested   3353   3377	Co. Rep / Geo Mike Davigno			1		353
Interval Tested   35.53   - 35.77	Location: Sec. 2 Twp 7	Rge. 21w	2-1	// //	2/	
Drill Pipe Run   33   5		1	40	0		
Top Packer Depth 2348   Drill Collars Run 30	1		318'	Mus	1M 8.6	
Bottom Packer Depth 3355					17	
Total Depth   3377   Chlorides   CCC   ppm System   LCM   24			_		10	
Blow Description   7 - Surface & 3"   7ccl   Slick 4"		•	) nr		01/	
Rec			14'	1 1 1 11	1 11 4	low
Rec	J.S.J. No Return	,	/	22		
Rec	Pulled tool					
Rec						
Rec	Rec40' Feet of Mud		%gas	%oil	%water 100	%mud
Rec	Rec Feet of		%gas	%oil	%water	%mud
Rec	Rec Feet of		%gas	%oil	%water	%mud
Rec	Rec Feet of	***************************************	%gas	%oil	%water	%mud
RecFeet of	Rec Feet of		%gas	%oil	%water	%mud
Rec Total	Rec Feet of		%gas	%oil	%water	%mud
Initial Hydrostatic			%gas	%oil	%water	%mud
Initial Hydrostatic	Rec Total 40 BHT 95°	Gravity AP	I RW	@*F Chlo	orides	ppm
Circ Sub						
Final Flow to Hourly Standby EM Tool Successful -350  Final Shut-In Sampler Gas Sample  T- On Location 2:/0 Straddle Oversized Hole Initial Flow 50 T-Started 03:45 Shale Packer Sub Total 1513  Final Flow T-Pulled 06:38 Extra Recorder Tool Loaded ©  Final Shut-In T-Out 08:/0 Day Standby MP/DST Disc't  Approved By Our Representative Approved By  Our Representative Approved Julian Julian March	-	_ □ Jars		□ Ruined Pac	ker	
Final Shut-In	Initial Shut-In R2	_ Circ Sub				
Final Hydrostatic	Final Flow to					
Final Hydrostatic	Final Shut-In	Mileage 40K7	63		y	
T- On Location 2:/0   Straddle   Oversized Hole   Initial Flow 30   T-Started 29:45   Shale Packer   Sub Total 350   Initial Shut-In 30   T-Open 05:38   Extra Packer   Total 1513   Final Flow T-Pulled 06:38   Extra Recorder   Tool Loaded @ Final Shut-In T-Out 08:/0   Day Standby   MP/DST Disc't   Comments   Our Representative Xauca Adult Marks	Final Hydrostatic/559					
Initial Shut-In 30 T-Open 05:38		☐ Straddle				
Final Flow		☐ Shale Packer		□ Sub Total	-350	
Final Shut-In T-Out Day Standby Day Standby MP/DST Disc't  Comments Our Representative X purce J Atal Zhanks	Initial Shut-In 30 T-Open 05:38	☐ Extra Packer			513	
Approved By Our Representative X success After Marchs	Final Flow T-Pulled 06:38	☐ Extra Recorder		□ Tool Loaded	i@	
Approved ByOur Representative Lower Johnson Whenks	Final Shut-In T-Out _OS: /O	☐ Day Standby				
1 The state of the	Comments					
1 The state of the						
1 The state of the				0	1	
	Approved By	Our Rep	resentative	sencer 1 A	tal 7	anh

Trilobite Testing Inc. shall not be liable for damage of any kind of 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.



Prepared For: Blake Exploration LLC

PO Box 150

Bogue KS 67625+0150

ATTN: Mike Davignon

## Lesage #1

#### 12-7s-21w Graham KS

Start Date: 2023.03.20 @ 16:01:00

End Date:

2023.03.20 @ 20:28:56

Job Ticket #: 70792

DST#: 2

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



Blake Exploration LLC

12-7s-21w Graham KS

PO Box 150

Lesage #1

Job Ticket: 70792

DST#: 2

Bogue KS 67625+0150 ATTN: Mike Davignon

Test Start: 2023.03.20 @ 16:01:00

#### **GENERAL INFORMATION:**

Formation:

Toronto - LKC A

Deviated:

No Whipstock: ft (KB)

Test Type: Tester: Spencer J Staab

Unit No:

Conventional Bottom Hole (Reset)

Time Tool Opened: 17:49:17 Time Test Ended: 20:28:56

Interval:

3293.00 ft (KB) To 3345.00 ft (KB) (TVD)

Total Depth: Hole Diameter:

3280.00 ft (KB) (TVD)

Reference Elevations:

2112.00 ft (KB)

2104.00 ft (CF)

7.88 inches Hole Condition:

KB to GR/CF:

8.00 ft

Serial #: 8875 Press@RunDepth:

Inside

35.18 psig @

16:01:01

3296.00 ft (KB)

Capacity:

psig

Start Date: Start Time:

2023.03.20

End Date: End Time:

2023.03.20 20:28:56 Last Calib .: Time On Btm:

2023.03.20

Time Off Btm:

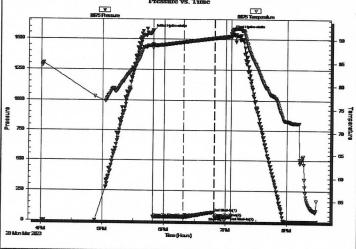
2023.03.20 @ 17:49:07 2023.03.20 @ 19:06:17

TEST COMMENT: 30-IF-Slid 5' Bled off 2" Blow Surface to 1/4"

30-ISI-No Return

10-FF-Very Weak Surface Died in 4 mins

Shut In Tool and Tripped Out



	PRESSURE SUMMARY					
	Time	Pressure	Temp	Annotation		
	(Min.)	(psig)	(deg F)			
	0	1562.42	88.95	Initial Hydro-static		
	1	32.18	88.19	Open To Flow (1)		
	30	34.64	89.46	Shut-In(1)		
	60	74.65	90.32	End Shut-In(1)		
i i	61	35.78	90.32	Open To Flow (2)		
Temperature	71	35.18	90.61	Shut-In(2)		
3	77	37.19	90.78	End Shut-In(2)		
1	78	1559.25	91.80	Final Hydro-static		
-						
-						
-						

#### Recovery

Length (ft)	Description	Volume (bbl)
30.00	Mud 100%M	0.15
* Recovery from r	nultiple tests	

Gas Rates

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

Trilobite Testing, Inc.

Ref. No: 70792



Blake Exploration LLC

12-7s-21w Graham KS

PO Box 150

Lesage #1

Job Ticket: 70792

DST#: 2

Bogue KS 67625+0150 ATTN: Mike Davignon

Test Start: 2023.03.20 @ 16:01:00

#### GENERAL INFORMATION:

Formation:

Toronto - LKC A

Deviated:

No Whipstock:

ft (KB)

Test Type: Conventional Bottom Hole (Reset)

Time Tool Opened: 17:49:17

Tester:

Spencer J Staab

Time Test Ended: 20:28:56

Unit No:

84

Interval:

3293.00 ft (KB) To 3345.00 ft (KB) (TVD)

Reference Elevations:

2112.00 ft (KB)

Total Depth:

3280.00 ft (KB) (TVD)

2104.00 ft (CF)

Hole Diameter:

7.88 inches Hole Condition:

KB to GR/CF:

8.00 ft

Serial #: 6838 Press@RunDepth: Inside

psig @

3296.00 ft (KB)

Capacity:

psig

Gas Rate (MMcf/d)

Start Date:

2023.03.20

End Date:

2023.03.20

Last Calib .:

2023.03.20

Start Time:

Length (ft)

30.00

16:01:01

End Time:

20:28:56

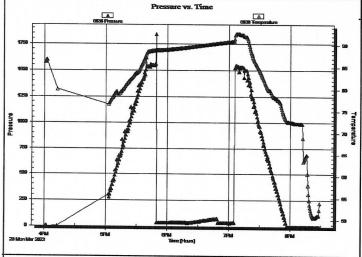
Time On Btm: Time Off Btm:

TEST COMMENT: 30-IF-Slid 5' Bled off 2" Blow Surface to 1/4"

30-ISI-No Return

10-FF-Very Weak Surface Died in 4 mins

Shut In Tool and Tripped Out



Recovery

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

Gas Rates

DDECOLUDE OLUMBANDY

# Description Volume (bbl) Mud 100%M 0.15

Recovery from multiple tests

Choke (inches) Pressure (psig)

Trilobite Testing, Inc.

Ref. No: 70792



**TOOL DIAGRAM** 

Blake Exploration LLC

12-7s-21w Graham KS

PO Box 150

Lesage #1

Bogue KS 67625+0150

Job Ticket: 70792

DST#: 2

ATTN: Mike Davignon

Test Start: 2023.03.20 @ 16:01:00

**Tool Information** 

Drill Pipe:

Length: 3256.00 ft Diameter:

3.82 inches Volume:

46.16 bbl - bbl Tool Weight:

2200.00 daN

Drill Collar:

Heavy Wt. Pipe: Length: Length:

ft Diameter: 30.00 ft Diameter:

2.75 inches Volume: 2.25 inches Volume:

0.15 bbl

Weight set on Packer: 25000.00 daN Weight to Pull Loose: 60000.00 daN

Drill Pipe Above KB:

20.00 ft

Total Volume: - bbl Tool Chased

ft

Depth to Top Packer: Depth to Bottom Packer: 3293.00 ft ft String Weight: Initial 51000.00 daN

Final 51000.00 daN

Interval between Packers: Tool Length:

Number of Packers:

52.00 ft 79.00 ft

2

Diameter:

6.75 inches

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			3267.00		
Shut In Tool	5.00			3272.00		
Hydraulic tool	5.00			3277.00		
Gap Sub	4.00			3281.00		
Safety Joint	3.00			3284.00		
Packer	5.00			3289.00	27.00	Bottom Of Top Packer
Packer	4.00			3293.00		
Stubb	1.00			3294.00		
Perforations	1.00			3295.00		
Change Over Sub	1.00			3296.00		
Recorder	0.00	6838	Inside	3296.00		
Recorder	0.00	8875	Inside	3296.00		
Drill Pipe	32.00			3328.00		
Change Over Sub	1.00			3329.00		
Perforations	13.00			3342.00		
Bullnose	3.00			3345.00	52.00	Bottom Packers & Anchor
Total Tool Length	79.00					

Trilobite Testing, Inc

Ref. No: 70792



FLUID SUMMARY

Blake Exploration LLC

12-7s-21w Graham KS

PO Box 150

Lesage #1

Bogue KS 67625+0150

Job Ticket: 70792

DST#: 2

ATTN: Mike Davignon

Test Start: 2023.03.20 @ 16:01:00

**Mud and Cushion Information** 

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: Viscosity: 9.00 lb/gal 62.00 sec/qt Cushion Length: Cushion Volume:

Water Salinity:

ppm

Water Loss:

6.79 in<sup>3</sup>

Gas Cushion Type:

ft bbl

Resistivity:

ohm.m

Gas Cushion Pressure:

psig

Salinity: Filter Cake: 1000.00 ppm inches

**Recovery Information** 

Recovery Table

 Length ft
 Description
 Volume bbl

 30.00
 Mud 100%M
 0.148

Total Length:

30.00 ft

Total Volume:

0.148 bbl

Num Fluid Samples: 0

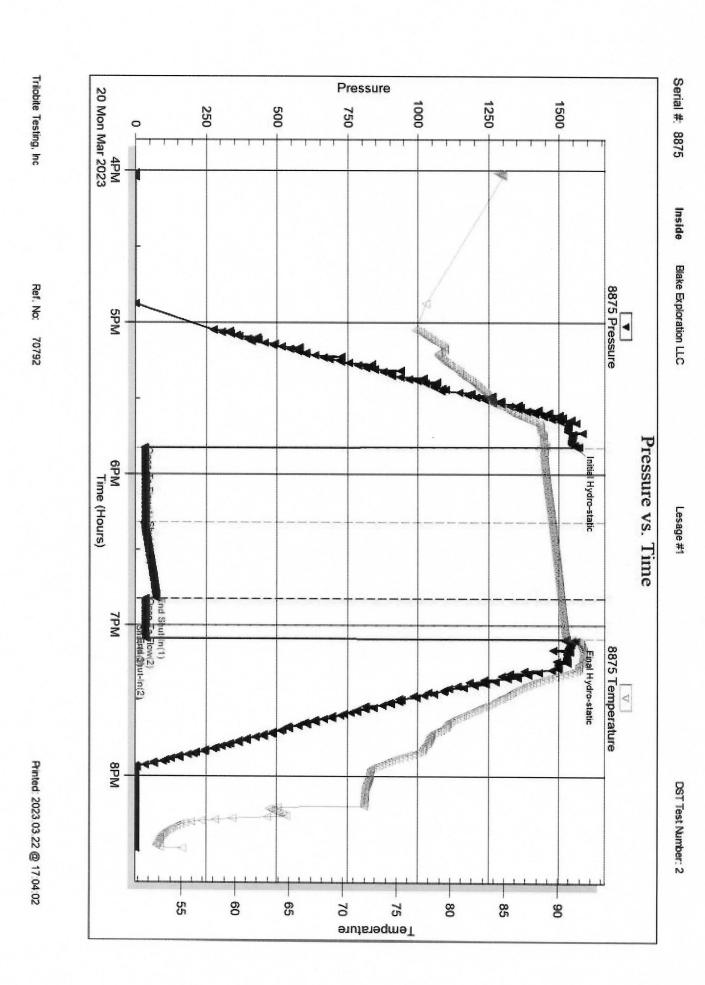
Num Gas Bombs: (

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 2#LCM





# **Test Ticket**

NO. 70794

Well Name & No. Le Sage #1	Test No.	4	Data @Z/ail	
Company Blake Emborate	1013	2112	, ,	2023
Address 201 S Main 7	00000	que Ks	67625 + C	GL (SZ)
Co. Rep/Geo Mike Davigo		Liscovery;	1	
Location: Sec. 12 Twp 7	Rge. 21 Lo Co. In	sham &	State	1
Interval Tested 3470 - 3530	Zone Tested LMC	-0 0 2	1	
Anchor Length60'	Drill Pipe Run 3446	9,7	ud Wt. 8,8	
Top Packer Depth 3465	Drill Collars Run 30'	Vi		
Bottom Packer Depth 3470	Wt. Pipe Run	W	10	
Total Depth 35.30	Chlorides		M 2#	
Blow Description 97- Surface;	Fied @10 mins	_ppin oydidii	JWI	
47- No Blow				
Fer No Keturn				
Rec/O' Feet of	%gas	%oil	%water /	€ %mud
Rec Feet of	%gas	%oil	%water	%mud
Rec Feet of		%oil	%water	%mud
Rec Feet of	%gas	%oil	%water	%mud
Rec Feet of	%qas	%oil	%water	%mud
Rec Feet of	%gas	%oil	%water	%mud
Rec Feet of	%gas	%oil	%water	%mud
Rec Total /C BHT 97°	Gravity API RW	@ FCh		
Initial Hydrostatic /661	M	□ Ruined Sh		ppm
Initial Flow	•			
Initial Shut-In52	Circ Sub			
Final Flow 18 to 21	☐ Hourly Standby			
Final Shut-In 5/	Mileage 4047x 2 63 31.50 + 103.25	, /	ty	
Final Hydrostatic 165/	Sampler31.50 + 103.25		e	
T- On Location 19:40			Hole	
Initial Flow 15 T-Started 19:55	☐ Shale Packer			
Initial Shut-In 15 T-Open 22:00	☐ Extra Packer		1997.75	
Final Flow 15 T-Pulled 23:00	☐ Extra Recorder			3()
Final Shut-In 13 T-Out 00:37	☐ Day Standby	MP/DST D	ec,t	130
Comments			3C 1	
Approved By	Our Representative	Houser On	Heart 1	Hand.



Prepared For: Blake Exploration LLC

PO Box 150 Bogue KS 67625+0150

ATTN: Mike Davignon

#### Lesage #1

#### 12-7s-21w Graham KS

Start Date: 2023.03.21 @ 19:55:00 End Date: 2023.03.22 @ 00:39:37 Job Ticket #: 70794 DST #: 4

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



Blake Exploration LLC

12-7s-21w Graham KS

PO Box 150

Bogue KS 67625+0150

Job Ticket: 70794

Lesage #1

**DST#: 4** 

ATTN: Mike Davignon

Test Start: 2023.03.21 @ 19:55:00

#### GENERAL INFORMATION:

Time Tool Opened: 22:02:27

Time Test Ended: 00:39:37

Formation:

LKC I-L

Deviated:

No Whipstock: ft (KB)

Tester:

Test Type: Conventional Bottom Hole (Reset)

Spencer J Staab

Unit No:

Reference Elevations:

2112.00 ft (KB)

2104.00 ft (CF)

8.00 ft

Interval:

3470.00 ft (KB) To 3530.00 ft (KB) (TVD)

Total Depth: Hole Diameter: 3530.00 ft (KB) (TVD)

7.88 inches Hole Condition:

KB to GR/CF:

Serial #: 8875

Press@RunDepth:

Inside

21.77 psig @

3473.00 ft (KB)

Capacity: Last Calib.: psig

Start Date:

2023.03.21

End Date:

2023.03.22 00:39:37

Time On Btm:

2023.03.22 2023.03.21 @ 22:02:22

Start Time:

19:55:01

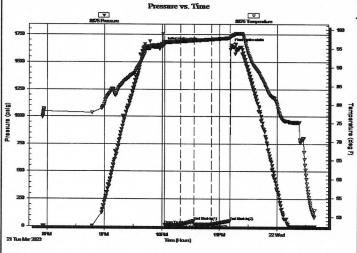
End Time:

Time Off Btm:

2023.03.21 @ 23:12:07

TEST COMMENT: 15-IF-Surface Died @10 mins

15-ISI-No Return 15-FF-No Blow 15-FSI-No Return



	PRESSURE SUMMARY							
1	Time	Pressure	Temp	Annotation				
	(Min.)	(psig)	(deg F)					
	0	1661.12	96.73	Initial Hydro-static				
	1	15.40	96.03	Open To Flow (1)				
	17	17.72	96.87	Shut-In(1)				
=	31	52.56	97.11	End Shut-In(1)				
a a	32	18.41	97.11	Open To Flow (2)				
Temperature (deg F)	49	21.77	97.43	Shut-In(2)				
	69	51.66	97.80	End Shut-In(2)				
٦	70	1651.60	98.21	Final Hydro-static				
- 1								

#### Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud 100%M	0.05
**************		
Recovery from r	multiple tests	

Gas Rates

Choke (inches) Pressure (psig)

Gas Rate (MMcf/d)

Trilobite Testing, Inc

Ref. No: 70794

Printed: 2023.03.22 @ 16:59:43



Blake Exploration LLC

12-7s-21w Graham KS

PO Box 150

Lesage #1

Job Ticket: 70794

**DST#:4** 

Bogue KS 67625+0150 ATTN: Mike Davignon

Test Start: 2023.03.21 @ 19:55:00

#### GENERAL INFORMATION:

Time Tool Opened: 22:02:27

Time Test Ended: 00:39:37

Formation:

LKC I-L

Deviated:

No Whipstock: ft (KB)

Test Type: Conventional Bottom Hole (Reset)

Tester:

Spencer J Staab

Unit No:

Reference Elevations:

2112.00 ft (KB)

2104.00 ft (CF)

KB to GR/CF:

8.00 ft

Interval:

3470.00 ft (KB) To 3530.00 ft (KB) (TVD)

Total Depth: Hole Diameter: 3530.00 ft (KB) (TVD)

7.88 inches Hole Condition:

Serial #: 6838

Press@RunDepth:

Inside

psig @

3473.00 ft (KB)

2023.03.22

Capacity:

psig

Start Date: Start Time:

2023.03.21

End Date:

Last Calib .: Time On Btm: 2023.03.22

19:55:01

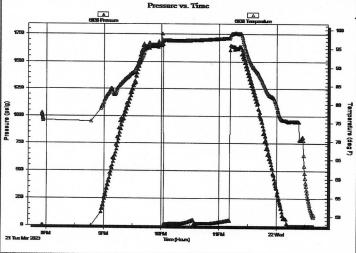
End Time:

00:38:56

Time Off Btm:

TEST COMMENT: 15-IF-Surface Died @10 mins

15-ISI-No Return 15-FF-No Blow 15-FSI-No Return



# PRESSURE SUMMARY Time Pressure Temp Annotation (Min.) (psig) (deg F)

# Recovery Length (ft) Description Volume (bbl) 10.00 Mud 100%M 0.05 Recovery from multiple tests

Gas Rates						
Choke (inches)	Pressure (psig)	Gas Rate (MMcf/d)				

Trilobite Testing, Inc

Ref. No: 70794

Printed: 2023.03.22 @ 16:59:43



**TOOL DIAGRAM** 12-7s-21w Graham KS

Blake Exploration LLC

PO Box 150 Bogue KS 67625+0150 Lesage #1 Job Ticket: 70794

**DST#:4** 

ATTN: Mike Davignon

Test Start: 2023.03.21 @ 19:55:00

**Tool Information** 

Drill Pipe: Heavy Wt. Pipe: Length:

Length: 3446.00 ft Diameter: ft Diameter: 30.00 ft Diameter:

3.82 inches Volume: 2.75 inches Volume: 2.25 inches Volume:

48.85 bbl - bbl 0.15 bbl Tool Weight:

2200.00 daN Weight set on Packer: 25000.00 daN

Total Volume: - bbl **Tool Chased** 

Weight to Pull Loose: 60000.00 daN String Weight: Initial 51000.00 daN

> Final 51000.00 daN

Drill Pipe Above KB:

Drill Collar:

33.00 ft Depth to Top Packer: 3470.00 ft

Length:

Depth to Bottom Packer: Interval between Packers: 60.00 ft Tool Length: 87.00 ft

Number of Packers:

2 Diameter:

ft

6.75 inches

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			3444.00		
Shut In Tool	5.00			3449.00		
Hydraulic tool	5.00			3454.00		
Gap Sub	4.00			3458.00		
Safety Joint	3.00			3461.00		
Packer	5.00			3466.00	27.00	Bottom Of Top Packer
Packer	4.00			3470.00		
Stubb	1.00			3471.00		
Perforations	1.00			3472.00		
Change Over Sub	1.00			3473.00		
Recorder	0.00	6838	Inside	3473.00		
Recorder	0.00	8875	Inside	3473.00		
Drill Pipe	32.00			3505.00		
Change Over Sub	1.00			3506.00		
Perforations	21.00			3527.00		
Bullnose	3.00			3530.00	60.00	Bottom Packers & Anchor
Total Tool Length:	87.00					

Total Tool Length: 87.00



**FLUID SUMMARY** 

Blake Exploration LLC

12-7s-21w Graham KS

PO Box 150

Lesage #1

ft

bbl

psig

Bogue KS 67625+0150

Job Ticket: 70794

DST#: 4

ATTN: Mike Davignon

Test Start: 2023.03.21 @ 19:55:00

Oil API:

**Mud and Cushion Information** 

Mud Type: Gel Chem

9.00 lb/gal

Mud Weight: Viscosity:

52.00 sec/qt 6.79 in<sup>3</sup>

Water Loss: Resistivity:

ohm.m 1200.00 ppm

Salinity: Filter Cake:

inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

Water Salinity:

deg API ppm

**Recovery Information** 

Recovery Table

Length Description Volume ft bbl 10.00 Mud 100%M 0.049

Total Length:

10.00 ft

Total Volume:

0.049 bbl

Num Fluid Samples: 0

Num Gas Bombs:

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 2#LCM

Trilobite Testing, Inc

Ref. No: 70794

Printed: 2023.03.22 @ 16:59:43

