KOLAR Document ID: 1487184

Confiden	tiality 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	- DESCRIP	WEII &	IFASE
	INSIONI			LLASL

OPERATOR: License #	API No.:
Name:	Spot Description:
Address 1:	
Address 2:	Feet from Dorth / South Line of Section
City: State: Zip:+	Feet from East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	
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 □ Gas □ DH □ EOR	Elevation: Ground: Kelly Bushing:
Gas DH EOR	Total Vertical Depth: Plug Back Total Depth:
CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet
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 EQR Conv. to SWD	Drilling Fluid Management Plan
Plug Back Liner Conv. to GSW Conv. to Producer	(Data must be collected from the Reserve Pit)
	Chloride content: ppm Fluid volume: bbls
Commingled Permit #:	Dewatering method used:
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 East West
Spud Date or Recompletion DateDate Reached TDCompletion 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: 1487184

Operator Name:	Lease Name: Well #:
Sec TwpS. R East 🗌 West	County:

Page Two

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 Sh	eets)	Y	es 🗌 No			og Formatio	n (Top), Depth	and Datum	Sample
Samples Sent to Geolog	*		és 🗌 No	Ν	lame	e		Тор	Datum
Cores Taken Electric Log Run Geologist Report / Mud List All E. Logs Run:			ies No ies No ies No						
		Repo	CASING I] Ne	w Used rmediate, productio	on, etc.		
Purpose of String	Size Hole Drilled		ze Casing tt (In O.D.)	Weight Lbs. / Ft.		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
			ADDITIONAL	CEMENTING /	SQU	EEZE RECORD			
Purpose: Perforate	Depth Top Bottom	Туре	e of Cement	# Sacks Used	k		Type and	Percent Additives	
Protect Casing Plug Back TD Plug Off Zone									
 Did you perform a hydra Does the volume of the is Was the hydraulic fractu Date of first Production/Inj 	total base fluid of the h ring treatment informa	nydraulic fra tion submit	acturing treatment	al disclosure regis	-	Yes ns? Yes Yes	No (If No, s	kip questions 2 ar kip question 3) ill out Page Three	
Injection:			Flowing	Pumping		Gas Lift 🗌 O	ther <i>(Explain)</i>		
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wate	er Bb	ls.	Gas-Oil Ratio	Gravity
DISPOSITION	I OF GAS:		M	ETHOD OF COM	IPLE	TION:			ON INTERVAL:
Vented Sold (If vented, Subm	Used on Lease		Open Hole		-		mingled	Тор	Bottom
	oration Perfora Top Botto		Bridge Plug Type	Bridge Plug Set At		Acid,		ementing Squeeze	
TUBING RECORD:	Size:	Set At:		Packer At:					

Form	ACO1 - Well Completion
Operator	Blake Exploration, LLC
Well Name	NUSS 1
Doc ID	1487184

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	24	220	СОМ	3%CC,2% GEL

FRANKS Oilfield Service ◆ 815 Main Street Victoria, KS 67671 ◆ 24 Hour Phone (785) 639-7269

0115 TICKET NUMBER

115

- ♦ Office Phone (785) 639-3949
- ◆ Email: franksoilfield@yahoo.com

LOCATION FOREMAN

FIELD TICKET & TREATMENT REPORT

CEMENT

			CEIVIEN				
DATE	CUSTOMER #	WELL NAME & NUM	BER	SECTION	TOWNSHIP	RANGE	COUNTY
12/9/19		NUSS #1	13 ₁₁	17	145	324	Losan
CUSTOMER	voluration	/ Millo Davisnon	Callicy		-		
MAILING ADDR	VDIJICTION .	11110 Dav: 5000	mustang	TRUCK #	DRIVER	TRUCK #	DRIVER
· ·			Whiteyic	101	Bach Tioll		
CITY	ain Pobox,		Sterphion	102	Milys She	/	
		STATE ZIP CODE	Etsinto	-			
Bugue		15 67675					1
JOB TYPE P	TA	HOLE SIZE 7 18	HOLE DEPTH	41751	CASING SIZE & WE	EIGHT	
CASING DEPTH		DRILL PIPE	TUBING			OTHER	
SLURRY WEIGH	нт_138	SLURRY VOL 142	WATER gal/sk		CEMENT LEFT in C	ASING	
DISPLACEMEN	T	DISPLACEMENT PSI	MIX PSI		RATE	1	
REMARKS:	Salety mp	eting and his upo	N. STP	dulling		read	
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ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT		TOTAL
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MOUZ	10,68	Tun Milegge defisery	1.50	881.11
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			Subboto/	1.638.6
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			Subtotal	4979.94
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			Rece KANSAS CORPOR	ived TION COMMISSION
				0 2019
			CONSERVAT WICH	ION DIVISION ITA, KS
	1		SALES TAX	
	pour rei		ESTIMATED TOTAL	
UTHORIZATION_		TITLE	DATE	,

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

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. 1846

Date 12-2-19 1	e. Twp.	Range 32	10	County	K State	On Location	Finish
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Lease 11033		Well No.	1 kgel	Owner			ou pre-
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Type Job Surtace			5 (D)	cementer an	id helper to assist ov	t cementing equipmer	nt and furnish
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Bulktrk No. Driver Driver	- M	2 1				C 41	ina
Pulletel / No. Driver	ANCE		1	Gel.		*****	
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OIL AND GAS LEASE

Commence AGREEMENT, Made and entered into this 10th day of October 2019 By and between: Frederick J. Nuss and Candace A. Nuss, Husband and Wife 158 E. State Road 4 Hoisington, KS 67544 Party of the first part, hereinafter called lessor (whether one or more) and **Blake Exploration, LLC** P.O. Box 150 Bogue Kansas 67625 Party of the second part, hereinafter called lessee. WITNESSETH, That the said lessor, for and in consideration of Ten and O.V.C. ----DOLLARS. cash in hand paid, receipt of which is hereby acknowledged, and of the covenants and agreements hereinafter contained on the part of the lessee to be paid, kept and performed, has granted, demised, leased and let and by these presents does grant, demise, lease and let unto said lessee, for the sole and only purpose of mining and operating for oil and gas, and laying pipe lines, and building tanks, power stations and structures thereon to produce, save and take care of said products, all that certain tract of land situated in the County of Logan State of Kansas, described as follows, to wit: The North Half (N/2) of Section 17 Township 14s Range 32w and containing 320 acres more or less. It is agreed that this lease shall be in full force for a term of 1 (ONE) years from this date, and as long thereafter as oil or gas, or either of them, is produced from said land by the lessee. In consideration of the premises, the said lessee covenants and agrees: 1st. To deliver to the credit of lessor, free of cost, in the pipe line to which lessee may connect his wells, the equal one-eighth (1/8) part of all oil and gas produced and saved from the leased premises. 10th If no well be commenced on said land on or before the October 2020 _day of _ this lease shall terminate as to both parties. If said lessor owns a less interest in the above described land than the entire and undivided fee simple estate therein, then the royalties and rentals herein provided shall be paid the lessor only in the proportion which his interest bears to the whole and undivided fee and the signing of this agreement shall be binding on each of the above-named parties who sign, regardless of whether it is signed by any of the other parties. Lessee shall have the right to use, free of cost, oil and gas produced on said land for its operation thereon. When requested by lessor, lessee shall bury his pipelines below plow depth. No well shall be drilled nearer than 200 feet to the house or barn now on said premises, without the written consent of the lessor. Lessee shall have the right at any time to remove all machinery and fixtures placed on said premises, including the right to draw and remove casing. If the lessee shall commence to drill a well within the term of this lease or any extension thereof, the lessee shall have the right to drill such well to completion with reasonable diligence and dispatch, and if oil or gas, or either of them, be found in paying quantities, this lease shall continue and be in force with the like effect as if such well had been completed within the term of years herein first mentioned. Lessee, at its option, is hereby given the right and power to pool or combine the acreage covered by this lease or any portion

thereof with other land, lease or leases in the immediate vicinity thereof, when in lessee's judgment it is necessary or advisable to do so in order to properly develop and operate said lease premises so as to promote the conservation of oil, gas, or other minerals in and under and that may be produced from said premises. Such pooling to be of tracts contiguous to one another and to be into a unit or units not exceeding 40 acres each in the event of an oil well, or into a unit or units not exceeding 640 acres each in the event of a gas well. Lessee shall execute in writing and record in the conveyance records of the county in which the land herein leased is situated an instrument identifying and describing the pooled acreage. The entire acreage so pooled into a tract or unit shall be treated, for all purposes except the payment of royalties on production from the pooled unit, as if it were included in this lease. If production is found on the pooled acreage, it shall be treated as if production is had from this lease, whether the well or wells be located on the premises covered by this lease or not. In lieu of the royalties elsewhere herein specified, lessor shall receive on production from a unit so pooled only such portion of the royalty stipulated herein as the amount of his acreage placed in the unit or his royalty interest therein on an acreage basis bears to the total acreage so pooled in the particular unit involved.

If the estate of either party hereto is assigned, and the privilege of assigning in whole or in part is expressly allowed, the covenants hereof shall extend to their heirs, executors, administrators, successors or assigns, but no change in the ownership of the land or assignment of rentals or royalties shall be binding on the lessee until after the lessee has been furnished with a written transfer or assignment or a true copy thereof; and it is hereby agreed in the event this lease shall be assigned as to a part or as to parts of the above described lands and the assignee or assignees of such part or parts shall fail or make default in the payment of the proportionate part of the rents due from him or them, such default shall not operate or defeat or affect this lease in so far as it covers a part or parts of said lands upon which the said lessee or any assignee thereof shall make due payments of said rentals.

Lessor hereby warrants and agrees to defend the title to the lands herein described and agrees that the lessee shall have the right at any time to redeem for lessor by payment, any mortgages, taxes or other liens on the above described lands, in the event of default of payment by lessor, and be subrogated to the rights of the holder thereof. The Lessee does not assume any responsibility for any prior wells, plugged or unplugged, on the above outlined tract of land.

Lessee agrees to pay for any damages caused by seismograph, testing, core drilling or its drilling operations.

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Frederick J. Nuss

Candace A. Nuss



OIL AND GAS LEASE

191 741 Commence AGREEMENT, Made and entered into this 10th day of October 2019. By and between: Michael Davignon and Mary Kay Davignon, Husband and Wife 3645 Hwy 24 Bogue, KS 67625 Party of the first part, hereinafter called lessor (whether one or more) and Kansas 67625 **Blake Exploration, LLC** P.O. Box 150 Bogue Party of the second part, hereinafter called lessee.

WITNESSETH, That the said lessor, for and in consideration of Ten and O.V.C. -------DOLLARS. cash in hand paid, receipt of which is hereby acknowledged, and of the covenants and agreements hereinafter contained on the part of the lessee to be paid, kept and performed, has granted, demised, leased and let and by these presents does grant, demise, lease and let unto said lessee, for the sole and only purpose of mining and operating for oil and gas, and laying pipe lines, and building tanks, power stations and structures thereon to produce, save and take care of said products, all that certain tract of land situated in the County of Logan State of Kansas, described as follows, to wit:

The North Half (N/2)

of Section 17 Township 32w 14s Range and containing 320 acres more or less. It is agreed that this lease shall be in full force for a term of 1 (ONE) years from this date, and as long thereafter as oil or gas, or either of them, is produced from said land by the lessee.

In consideration of the premises, the said lessee covenants and agrees:

1st. To deliver to the credit of lessor, free of cost, in the pipe line to which lessee may connect his wells, the equal one-eighth (1/8) part of all oil and gas produced and saved from the leased premises.

10th If no well be commenced on said land on or before the _day of October 2020 this lease shall terminate as to both parties.

If said lessor owns a less interest in the above described land than the entire and undivided fee simple estate therein, then the royalties and rentals herein provided shall be paid the lessor only in the proportion which his interest bears to the whole and undivided fee and the signing of this agreement shall be binding on each of the above-named parties who sign, regardless of whether it is signed by any of the other parties.

Lessee shall have the right to use, free of cost, oil and gas produced on said land for its operation thereon.

When requested by lessor, lessee shall bury his pipelines below plow depth.

No well shall be drilled nearer than 200 feet to the house or barn now on said premises, without the written consent of the lessor.

Lessee shall have the right at any time to remove all machinery and fixtures placed on said premises, including the right to draw and remove casing.

If the lessee shall commence to drill a well within the term of this lease or any extension thereof, the lessee shall have the right to drill such well to completion with reasonable diligence and dispatch, and if oil or gas, or either of them, be found in paying quantities, this lease shall continue and be in force with the like effect as if such well had been completed within the term of years herein first mentioned.

Lessee, at its option, is hereby given the right and power to pool or combine the acreage covered by this lease or any portion thereof with other land, lease or leases in the immediate vicinity thereof, when in lessee's judgment it is necessary or advisable to do so in order to properly develop and operate said lease premises so as to promote the conservation of oil, gas, or other minerals in and under and that may be produced from said premises. Such pooling to be of tracts contiguous to one another and to be into a unit or units not exceeding 40 acres each in the event of an oil well, or into a unit or units not exceeding 640 acres each in the event of a gas well. Lessee shall execute in writing and record in the conveyance records of the county in which the land herein leased is situated an instrument identifying and describing the pooled acreage. The entire acreage so pooled into a tract or unit shall be treated, for all purposes except the payment of royalties on production from the pooled unit, as if it were included in this lease. If production is found on the pooled acreage, it shall be treated as if production is had from this lease, whether the well or wells be located on the premises covered by this lease or not. In lieu of the royalties elsewhere herein specified, lessor shall receive on production from a unit so pooled only such portion of the royalty stipulated herein as the amount of his acreage placed in the unit or his royalty interest therein on an acreage basis bears to the total acreage so pooled in the particular unit involved.

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Michael Davignon

in Mary Kay Davignon



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In consideration of the premises, the said lessee covenants and agrees:

1st. To deliver to the credit of lessor, free of cost, in the pipe line to which lessee may connect his wells, the equal one-eighth (1/8) part of all oil and gas produced and saved from the leased premises.

10th If no well be commenced on said land on or before the _day of October 2020 this lease shall terminate as to both parties.

If said lessor owns a less interest in the above described land than the entire and undivided fee simple estate therein, then the royalties and rentals herein provided shall be paid the lessor only in the proportion which his interest bears to the whole and undivided fee and the signing of this agreement shall be binding on each of the above-named parties who sign, regardless of whether it is signed by any of the other parties.

Lessee shall have the right to use, free of cost, oil and gas produced on said land for its operation thereon.

When requested by lessor, lessee shall bury his pipelines below plow depth.

No well shall be drilled nearer than 200 feet to the house or barn now on said premises, without the written consent of the lessor.

Lessee shall have the right at any time to remove all machinery and fixtures placed on said premises, including the right to draw and remove casing.

If the lessee shall commence to drill a well within the term of this lease or any extension thereof, the lessee shall have the right to drill such well to completion with reasonable diligence and dispatch, and if oil or gas, or either of them, be found in paying quantities, this lease shall continue and be in force with the like effect as if such well had been completed within the term of years herein first mentioned.

Lessee, at its option, is hereby given the right and power to pool or combine the acreage covered by this lease or any portion thereof with other land, lease or leases in the immediate vicinity thereof, when in lessee's judgment it is necessary or advisable to do so in order to properly develop and operate said lease premises so as to promote the conservation of oil, gas, or other minerals in and under and that may be produced from said premises. Such pooling to be of tracts contiguous to one another and to be into a unit or units not exceeding 40 acres each in the event of an oil well, or into a unit or units not exceeding 640 acres each in the event of a gas well. Lessee shall execute in writing and record in the conveyance records of the county in which the land herein leased is situated an instrument identifying and describing the pooled acreage. The entire acreage so pooled into a tract or unit shall be treated, for all purposes except the payment of royalties on production from the pooled unit, as if it were included in this lease. If production is found on the pooled acreage, it shall be treated as if production is had from this lease, whether the well or wells be located on the premises covered by this lease or not. In lieu of the royalties elsewhere herein specified, lessor shall receive on production from a unit so pooled only such portion of the royalty stipulated herein as the amount of his acreage placed in the unit or his royalty interest therein on an acreage basis bears to the total acreage so pooled in the particular unit involved.

If the estate of either party hereto is assigned, and the privilege of assigning in whole or in part is expressly allowed, the covenants hereof shall extend to their heirs, executors, administrators, successors or assigns, but no change in the ownership of the land or assignment of rentals or royalties shall be binding on the lessee until after the lessee has been furnished with a written transfer or assignment or a true copy thereof; and it is hereby agreed in the event this lease shall be assigned as to a part or as to parts of the above described lands and the assignee or assignees of such part or parts shall fail or make default in the payment of the proportionate part of the rents due from him or them, such default shall not operate or defeat or affect this lease in so far as it covers a part or parts of said lands upon which the said lessee or any assignee thereof shall make due payments of said rentals.

Lessor hereby warrants and agrees to defend the title to the lands herein described and agrees that the lessee shall have the right at any time to redeem for lessor by payment, any mortgages, taxes or other liens on the above described lands, in the event of default of payment by lessor, and be subrogated to the rights of the holder thereof. The Lessee does not assume any responsibility for any prior wells, plugged or unplugged, on the above outlined tract of land.

Lessee agrees to pay for any damages caused by seismograph, testing, core drilling or its drilling operations.

Michael Davignon

in Mary Kay Davignon



	RILOBITE	DRILL STEM TE			145 221	W Logan,	10	
	ESTING , INC.	PO Box 150				u Lugali,r	10	
		Bogue, KS 67625			u ss #1 o Ticket: 6	6105	D07# 4	
		ATTN: Mike Davignon				019.12.07 @	DST#: 1 00:45:00	
GENERAL	INFORMATION:		anguna					
Formation:	LKC " E- F "							
Deviated:	No Whipstock:	ft (KB)				Conventional		e (Initial)
	pened: 03:23:30 nded: 08:25:00					Martine Salina 82	as	
Interval:	3875.00 ft (KB) To 39			Ref	ference Ele	evations:	2824.00	ft (KB)
Total Depth: Hole Diamete	3922.00 ft (KB) (T∖						2816.00	ft (CF)
Jole Diamete	er: 7.88 inchesHole	Condition: Good			KB	to GR/CF:	8.00	ft
Serial #:		TROADA TRA	TRETE	JURC				
Press@Run Start Date:	Depth: 98.43 psig 2019.12.07	@ 3876.00 ft (KB) End Date:	2019.12.07	Capacity Last Cal			8000.00	psig
Start Time:	00:45:01	End Time:	08:25:00	Last Cal Time On		2 2019.12.07	2019.12.07	
		60 S.A. 190	50.20.00	Time Off		2019.12.07 @ 2019.12.07 @		
	30-ISI-Surface bi 60-FF-Surface bi 60-FSI-No blow b Pressure vs. Th EXPress	ow built to 4 1/2" back						
	60-FF-Surface bl 60-FSI-No blow b Pressure vs. Ti	ow built to 4 1/2" pack		PI	RESSUF	RE SUMMA	\RY	
2000 -	60-FF-Surface bl 60-FSI-No blow b Pressure vs. Ti	ow built to 4 1/2" pack	Time (Min.)	Pressure	Temp	RE SUMMA		
2000	60-FF-Surface bl 60-FSI-No blow b Pressure vs. Ti	ow built to 4 1/2" pack	Time (Min.) 0			Annotation	n	
200	60-FF-Surface bl 60-FSI-No blow b Pressure vs. Ti	ow built to 4 1/2" pack	(Min.) 0 1	Pressure (psig) 1912.61 36.72	Temp (deg F) 99.92 98.86	Annotation Initial Hydro Open To Flo	n -static	
1539	60-FF-Surface bl 60-FSI-No blow b Pressure vs. Ti	ow built to 4 1/2" pack	(Min.) 0	Pressure (psig) 1912.61	Temp (deg F) 99.92	Annotation Initial Hydro Open To Flo Shut-In(1)	n -static ow (1)	
1539	60-FF-Surface bl 60-FSI-No blow b Pressure vs. Ti	ow built to 4 1/2" pack	(Min.) 0 1 32 61 62	Pressure (psig) 1912.61 36.72 73.32 957.47 75.52	Temp (deg F) 99.92 98.86 102.67 104.06 103.72	Annotation Initial Hydro Open To Flo Shut-In(1) End Shut-In Open To Flo	-static ow (1) (1)	
-	60-FF-Surface bl 60-FSI-No blow b Pressure vs. Ti	ow built to 4 1/2" back	(Min.) 0 1 32 61 62 123	Pressure (psig) 1912.61 36.72 73.32 957.47 75.52 98.43	Temp (deg F) 99.92 98.86 102.67 104.06 103.72 106.01	Annotation Initial Hydro Open To Flo Shut-In(1) End Shut-In Open To Flo Shut-In(2)	-static -static ow (1) (1) ow (2)	
15209	60-FF-Surface bl 60-FSI-No blow b Pressure vs. Ti	ow built to 4 1/2" back	(Min.) 0 1 32 61 123 123 185	Pressure (psig) 1912.61 36.72 73.32 957.47 75.52 98.43 954.47	Temp (deg F) 99.92 98.86 102.67 104.06 103.72 106.01 107.55	Annotation Initial Hydro Open To Flo Shut-In(1) End Shut-In Open To Flo Shut-In(2) End Shut-In(2)	n -static ww (1) (1) ww (2) (2)	
1330 1230 1000	60-FF-Surface bl 60-FSI-No blow b Pressure vs. Ti	ow built to 4 1/2" back	(Min.) 0 1 32 61 62 123	Pressure (psig) 1912.61 36.72 73.32 957.47 75.52 98.43	Temp (deg F) 99.92 98.86 102.67 104.06 103.72 106.01	Annotation Initial Hydro Open To Flo Shut-In(1) End Shut-In(1) Open To Flo Shut-In(2) End Shut-In(2)	n -static ww (1) (1) ww (2) (2)	
530 529 700	60-FF-Surface bl 60-FSI-No blow b Pressure vs. Ti	ow built to 4 1/2" back	(Min.) 0 1 32 61 123 123 185	Pressure (psig) 1912.61 36.72 73.32 957.47 75.52 98.43 954.47	Temp (deg F) 99.92 98.86 102.67 104.06 103.72 106.01 107.55	Annotation Initial Hydro Open To Flo Shut-In(1) End Shut-In Open To Flo Shut-In(2) End Shut-In(2)	n -static ww (1) (1) ww (2) (2)	
1333 1229 1330 1330 1330 1330 1330 1330 1330 133	60-FF-Surface bl 60-FSI-No blow b Pressure vs. Ti	ow built to 4 1/2" back	(Min.) 0 1 32 61 123 123 185	Pressure (psig) 1912.61 36.72 73.32 957.47 75.52 98.43 954.47	Temp (deg F) 99.92 98.86 102.67 104.06 103.72 106.01 107.55	Annotation Initial Hydro Open To Flo Shut-In(1) End Shut-In Open To Flo Shut-In(2) End Shut-In(2)	n -static ww (1) (1) ww (2) (2)	
	60-FF-Surface bl 60-FSI-No blow b Pressure vs. Ti	ow built to 4 1/2" back	(Min.) 0 1 32 61 123 123 185	Pressure (psig) 1912.61 36.72 73.32 957.47 75.52 98.43 954.47	Temp (deg F) 99.92 98.86 102.67 104.06 103.72 106.01 107.55	Annotation Initial Hydro Open To Flo Shut-In(1) End Shut-In Open To Flo Shut-In(2) End Shut-In(2)	n -static ww (1) (1) ww (2) (2)	
	60-FF-Surface bl 60-FSI-No blow b	ow built to 4 1/2" pack	(Min.) 0 1 32 61 123 123 185	Pressure (psig) 1912.61 36.72 73.32 957.47 75.52 98.43 954.47	Temp (deg F) 99.92 98.86 102.67 104.06 103.72 106.01 107.55 107.75	Annotation Initial Hydro Open To Flo Shut-In(1) End Shut-In Open To Flo Shut-In(2) End Shut-In(2)	n -static ww (1) (1) ww (2) (2)	
	60-FF-Surface bl 60-FSI-No blow b	ow built to 4 1/2" pack	(Min.) 0 1 32 61 123 123 185	Pressure (psig) 1912.61 36.72 73.32 957.47 75.52 98.43 954.47	Temp (deg F) 99.92 98.86 102.67 104.06 103.72 106.01 107.55 107.75	Annotation Initial Hydro Open To Flo Shut-In(1) End Shut-In(2) End Shut-In(2) End Shut-In(2) Final Hydro-	n-static ow (1) (1) (1) (2) (2) (2) (2) (2) (3)	Rate (Mcf/d
23 23 73 23 23 23 23 23 23 23 23 23 2	60-FF-Surface bl 60-FSI-No blow b Pressure vs. Th Formation Sale Recovery Description WCM 23%W, 77%M	w built to 4 1/2" back	(Min.) 0 1 32 61 123 123 185	Pressure (psig) 1912.61 36.72 73.32 957.47 75.52 98.43 954.47	Temp (deg F) 99.92 98.86 102.67 104.06 103.72 106.01 107.55 107.75	Annotation Initial Hydro Open To Flo Shut-In(1) End Shut-In(2) End Shut-In(2) End Shut-In(2) Final Hydro-	n-static ow (1) (1) (1) (2) (2) (2) (2) (2) (3)	Rate (Mcf/d
230 730 730 730 730 730 730 730 730 730 7	60-FF-Surface bl 60-FSI-No blow b Pressure vs. The pressure vs. The pressu	w built to 4 1/2" back	(Min.) 0 1 32 61 123 123 185	Pressure (psig) 1912.61 36.72 73.32 957.47 75.52 98.43 954.47	Temp (deg F) 99.92 98.86 102.67 104.06 103.72 106.01 107.55 107.75	Annotation Initial Hydro Open To Flo Shut-In(1) End Shut-In(2) End Shut-In(2) End Shut-In(2) Final Hydro-	n-static ow (1) (1) (1) (2) (2) (2) (2) (2) (3)	Rate (Mcf/d
233 733 733 733 733 733 733 733 733 733	60-FF-Surface bl 60-FSI-No blow b Pressure vs. Th Formation Sale Recovery Description WCM 23%W, 77%M	w built to 4 1/2" back	(Min.) 0 1 32 61 123 123 185	Pressure (psig) 1912.61 36.72 73.32 957.47 75.52 98.43 954.47	Temp (deg F) 99.92 98.86 102.67 104.06 103.72 106.01 107.55 107.75	Annotation Initial Hydro Open To Flo Shut-In(1) End Shut-In(2) End Shut-In(2) End Shut-In(2) Final Hydro-	n-static ow (1) (1) (1) (2) (2) (2) (2) (2) (3)	Rate (Mcf/d
1933 1933 1933 1933 1933 1933 1934 1934	60-FF-Surface bl 60-FSI-No blow b Pressure vs. The pressure vs. The pressu	w built to 4 1/2" back	(Min.) 0 1 32 61 123 185 186	Pressure (psig) 1912.61 36.72 73.32 957.47 75.52 98.43 954.47 1921.59	Temp (deg F) 99.92 98.86 102.67 104.06 103.72 106.01 107.55 107.75	Annotation Initial Hydro Open To Flo Shut-In(1) End Shut-In(2) End Shut-In(2) End Shut-In(2) Final Hydro-	n-static ow (1) (1) (1) (2) (2) (2) (2) (2) (3)	Rate (Mcf/d
233 233 233 233 233 233 233 233 233 233	60-FF-Surface bl 60-FSI-No blow b Pressure vs. The pressure vs. The pressu	w built to 4 1/2" back	(Min.) 0 1 32 61 123 123 185	Pressure (psig) 1912.61 36.72 73.32 957.47 75.52 98.43 954.47 1921.59	Temp (deg F) 99.92 98.86 102.67 104.06 103.72 106.01 107.55 107.75	Annotation Initial Hydro Open To Flo Shut-In(1) End Shut-In(2) End Shut-In(2) End Shut-In(2) Final Hydro-	n-static ow (1) (1) (1) (2) (2) (2) (2) (2) (3)	Rate (Mcf/d

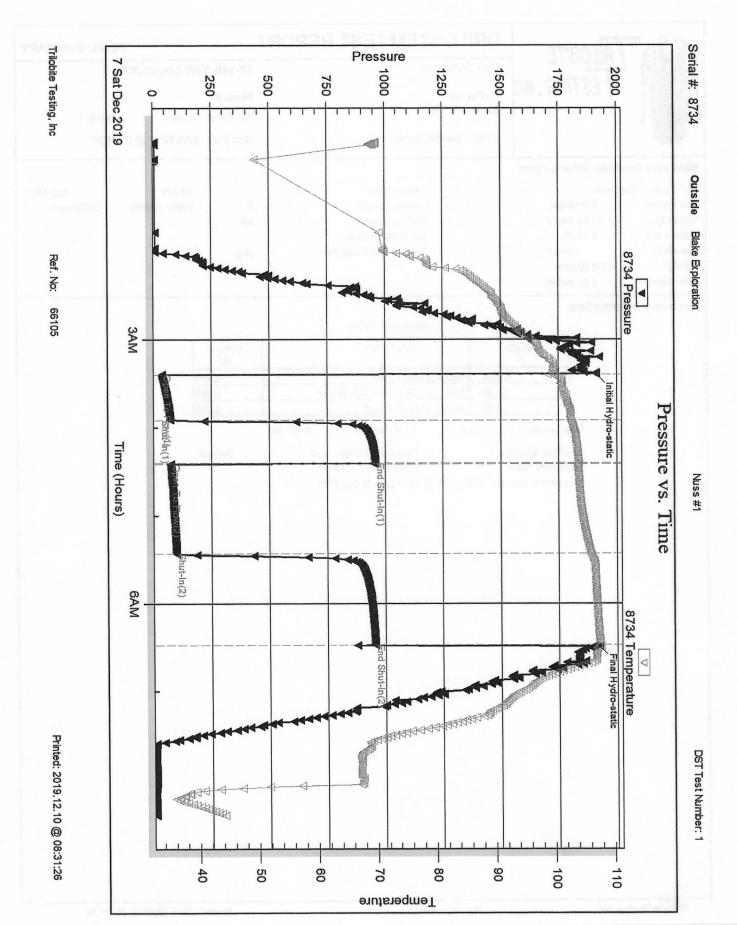
RILOBITE	DRILL STEM TES	ST REPO	ORT		2		
	Blake Exploration		17-1	14S-32W	/ Loga	n,KS	
ESTING , INC	C PO Box 150 Bogue, KS 67625			is #1 Ticket: 66	105	DST	Г#: 1
	ATTN: Mike Davignon		Test	Start: 20	19.12.07	' @ 00:45:C	00
SENERAL INFORMATION:			2				
ormation: LKC " E - F "							
eviated: No Whipstock: ime Tool Opened: 03:23:30 ime Test Ended: 08:25:00	ft (KB)		Test Test Unit	er: N	Conventio Vartine S 32		n Hole (Initial)
nterval: 3875.00 ft (KB) To	3922.00 ft (KB) (TVD)		Refe	erence Ele	vations:	2824	l.00 ft (KB)
otal Depth: 3922.00 ft (KB) (6.00 ft (CF)
lole Diameter: 7.88 inches Ha	ole Condition: Good			KB te	o GR/CF:	8	3.00 ft
Serial #: 8734 Outside		T MATS				0.000	
ress@RunDepth: 98.43 psig tart Date: 2019.12.07		2019.12.07	Capacity: Last Calib			8000 2019.12	0.00 psig 2.07
tart Time: 00:45:01		08:25:00	Time On E		2019.12.0	07 @ 03:23	
			Time Off	Btm: 2	2019.12.	07 @ 06:29	9:00
Pressure va	s. Time		PF	RESSUR	RESUM	IMARY	
T STOP Pressure	s. Time E734 Texpandare	Timo					
	5. Time 674 Yanpankan Fariyasakan	Time (Min.)	Pressure (psig)	Temp (deg F)	Annot		
	8734 Tempsnikre	(Min.) 0	Pressure (psig) 1912.61	Temp (deg F) 99.92	Annot Initial H	ation ydro-static	
200 200 200 200 200 200 200 200 200 200	E704 Tempendare Fueripised	(Min.) 0 1	Pressure (psig) 1912.61 36.72	Temp (deg F) 99.92 98.86	Annot Initial H Open T	ation ydro-static o Flow (1)	
	E704 Tempendare Fueripised	(Min.) 0	Pressure (psig) 1912.61 36.72 73.32 957.47	Temp (deg F) 99.92	Annot Initial H Open T Shut-In End Sh	ation ydro-static o Flow (1) (1) ut-ln(1)	
	E704 Tempendare Fueripised	(Min.) 0 1 32 61 62	Pressure (psig) 1912.61 36.72 73.32 957.47 75.52	Temp (deg F) 99.92 98.86 102.67 104.06 103.72	Annot Initial H Open T Shut-In End Sh Open T	vdro-static To Flow (1) (1) ut-In(1) To Flow (2)	
	50 Transaction 50 Sec.	(Min.) 0 1 32 61 62 123	Pressure (psig) 1912.61 36.72 73.32 957.47 75.52 98.43	Temp (deg F) 99.92 98.86 102.67 104.06 103.72 106.01	Annot Initial H Open T Shut-In End Sh Open T Shut-In	ation ydro-static o Flow (1) (1) ut-In(1) o Flow (2) (2)	
	50 Transaction 50 Sec.	(Min.) 0 1 32 61 62 123	Pressure (psig) 1912.61 36.72 73.32 957.47 75.52	Temp (deg F) 99.92 98.86 102.67 104.06 103.72 106.01 107.55	Annot Initial H Open T Shut-In End Sh Open T Shut-In End Sh	ation ydro-static o Flow (1) (1) ut-In(1) o Flow (2) (2)	
	Bill Trapendaria	(Min.) 0 1 32 61 62 123 185	Pressure (psig) 1912.61 36.72 73.32 957.47 75.52 98.43 954.47	Temp (deg F) 99.92 98.86 102.67 104.06 103.72 106.01 107.55	Annot Initial H Open T Shut-In End Sh Open T Shut-In End Sh	tation ydro-static io Flow (1) (1) ut-In(1) io Flow (2) (2) ut-In(2)	
	Bill Trapendaria	(Min.) 0 1 32 61 62 123 185	Pressure (psig) 1912.61 36.72 73.32 957.47 75.52 98.43 954.47	Temp (deg F) 99.92 98.86 102.67 104.06 103.72 106.01 107.55	Annot Initial H Open T Shut-In End Sh Open T Shut-In End Sh	tation ydro-static io Flow (1) (1) ut-In(1) io Flow (2) (2) ut-In(2)	
	Bill Trapendaria	(Min.) 0 1 32 61 62 123 185	Pressure (psig) 1912.61 36.72 73.32 957.47 75.52 98.43 954.47	Temp (deg F) 99.92 98.86 102.67 104.06 103.72 106.01 107.55	Annot Initial H Open T Shut-In End Sh Open T Shut-In End Sh	tation ydro-static io Flow (1) (1) ut-In(1) io Flow (2) (2) ut-In(2)	
		(Min.) 0 1 32 61 62 123 185	Pressure (psig) 1912.61 36.72 73.32 957.47 75.52 98.43 954.47	Temp (deg F) 99.92 98.86 102.67 104.06 103.72 106.01 107.55	Annot Initial H Open T Shut-In End Sh Open T Shut-In End Sh	tation ydro-static io Flow (1) (1) ut-In(1) io Flow (2) (2) ut-In(2)	
	POP Topostary Toposta	(Min.) 0 1 32 61 62 123 185	Pressure (psig) 1912.61 36.72 73.32 957.47 75.52 98.43 954.47	Temp (deg F) 99.92 98.86 102.67 104.06 103.72 106.01 107.55 107.75	Annot Initial H Open T Shut-In End Sh Open T Shut-In End Sh	vdro-static io Flow (1) (1) ut-In(1) io Flow (2) (2) ut-In(2) ydro-static	
DOD DOT DOT DOT DOT DOT DOT DOT DOT DOT	POP Topostary Toposta	(Min.) 0 1 32 61 62 123 185	Pressure (psig) 1912.61 36.72 73.32 957.47 75.52 98.43 954.47	Temp (deg F) 99.92 98.86 102.67 104.06 103.72 106.01 107.55 107.75	Annot Initial H Open T Shut-In End Sh Open T Shut-In End Sh Final H Sinal H	vdro-static io Flow (1) (1) ut-In(1) io Flow (2) (2) ut-In(2) ydro-static	Gas Rate (Mcf/d)
English (ft) Description 120.00 WCM 23%W, 77%M	y Volume (bbl) 0.60	(Min.) 0 1 32 61 62 123 185	Pressure (psig) 1912.61 36.72 73.32 957.47 75.52 98.43 954.47	Temp (deg F) 99.92 98.86 102.67 104.06 103.72 106.01 107.55 107.75	Annot Initial H Open T Shut-In End Sh Open T Shut-In End Sh Final H Sinal H	vdro-static io Flow (1) (1) ut-ln(1) io Flow (2) (2) ut-ln(2) ydro-static	Gas Rate (Mcf/d)
ADDRO 2019 Tempta Te	POTE Pote <td< td=""><td>(Min.) 0 1 32 61 62 123 185</td><td>Pressure (psig) 1912.61 36.72 73.32 957.47 75.52 98.43 954.47</td><td>Temp (deg F) 99.92 98.86 102.67 104.06 103.72 106.01 107.55 107.75</td><td>Annot Initial H Open T Shut-In End Sh Open T Shut-In End Sh Final H Sinal H</td><td>vdro-static io Flow (1) (1) ut-ln(1) io Flow (2) (2) ut-ln(2) ydro-static</td><td>Gas Rate (Mcf/d)</td></td<>	(Min.) 0 1 32 61 62 123 185	Pressure (psig) 1912.61 36.72 73.32 957.47 75.52 98.43 954.47	Temp (deg F) 99.92 98.86 102.67 104.06 103.72 106.01 107.55 107.75	Annot Initial H Open T Shut-In End Sh Open T Shut-In End Sh Final H Sinal H	vdro-static io Flow (1) (1) ut-ln(1) io Flow (2) (2) ut-ln(2) ydro-static	Gas Rate (Mcf/d)
Ender Termination	POTE Pote <td< td=""><td>(Min.) 0 1 32 61 62 123 185</td><td>Pressure (psig) 1912.61 36.72 73.32 957.47 75.52 98.43 954.47</td><td>Temp (deg F) 99.92 98.86 102.67 104.06 103.72 106.01 107.55 107.75</td><td>Annot Initial H Open T Shut-In End Sh Open T Shut-In End Sh Final H Sinal H</td><td>vdro-static io Flow (1) (1) ut-ln(1) io Flow (2) (2) ut-ln(2) ydro-static</td><td>Gas Rate (Mcf/d)</td></td<>	(Min.) 0 1 32 61 62 123 185	Pressure (psig) 1912.61 36.72 73.32 957.47 75.52 98.43 954.47	Temp (deg F) 99.92 98.86 102.67 104.06 103.72 106.01 107.55 107.75	Annot Initial H Open T Shut-In End Sh Open T Shut-In End Sh Final H Sinal H	vdro-static io Flow (1) (1) ut-ln(1) io Flow (2) (2) ut-ln(2) ydro-static	Gas Rate (Mcf/d)
Recovery Length (ft) Description 120.00 WCM 23%W, 77%M 50.00 Mud w/Oil scum 1%	POTE Pote <td< td=""><td>(Min.) 0 1 32 61 62 123 185</td><td>Pressure (psig) 1912.61 36.72 73.32 957.47 75.52 98.43 954.47</td><td>Temp (deg F) 99.92 98.86 102.67 104.06 103.72 106.01 107.55 107.75</td><td>Annot Initial H Open T Shut-In End Sh Open T Shut-In End Sh Final H Sinal H</td><td>vdro-static io Flow (1) (1) ut-ln(1) io Flow (2) (2) ut-ln(2) ydro-static</td><td>Gas Rate (Mcf/d)</td></td<>	(Min.) 0 1 32 61 62 123 185	Pressure (psig) 1912.61 36.72 73.32 957.47 75.52 98.43 954.47	Temp (deg F) 99.92 98.86 102.67 104.06 103.72 106.01 107.55 107.75	Annot Initial H Open T Shut-In End Sh Open T Shut-In End Sh Final H Sinal H	vdro-static io Flow (1) (1) ut-ln(1) io Flow (2) (2) ut-ln(2) ydro-static	Gas Rate (Mcf/d)

RILOBITE	Blake Exploration	·	17-14S-32W	Logan,KS
ESTING, II	IC. PO Box 150		Nuss #1	
	Bogue, KS 67625		Job Ticket: 661	05 DST#:1
	ATTN: Mike Davignon		Test Start: 201	19.12.07 @ 00:45:00
GENERAL INFORMATION:				oci intervention
ormation: LKC " E - F " Neviated: No Whipstoc ime Tool Opened: 03:23:30 ime Test Ended: 08:25:00	k: ft (KB)	analis anter da anator anter d anator a fan di anator an	Tester: N	onventional Bottom Hole (Initial) lartine Salinas 2
otal Depth: 3922.00 ft (KB)	3922.00 ft (KB) (TVD) (TVD) Hole Condition: Good		Reference Eler KB to	vations: 2824.00 ft (KB) 2816.00 ft (CF) 0 GR/CF: 8.00 ft
Serial #:8959InsidePress@RunDepth:psStart Date:2019.12.Start Time:00:45:		2019.12.07 08:24:50	Capacity: Last Calib.: Time On Btm: Time Off Btm:	8000.00 psig 2019.12.07
	ce blow built to 4 1/2"			
60-FF-Surfa 60-FSI-No bl	ce blow built to 4 1/2" ow back	Timo		E SUMMARY
60-FF-Surfa 60-FSI-No bl	ce blow built to 4 1/2" ow back	Time (Min.)	PRESSUR Pressure Temp (psig) (deg F)	E SUMMARY Annotation
60-FF-Surfa 60-FSI-No bl	ce blow built to 4 1/2" ow back	(Min.)	Pressure Temp	Annotation
60-FF-Surfa 60-FSI-No bl	see blow built to 4 1/2" ow back	(Min.)	Pressure Temp (psig) (deg F)	Annotation
60-FF-Surfa 60-FSI-No bl	ce blow built to 4 1/2" ow back	(Min.)	Pressure Temp (psig) (deg F)	Annotation s Rates
60-FF-Surfa 60-FSI-No bl	ery volume (bbl)	(Min.)	Pressure Temp (psig) (deg F)	Annotation s Rates
60-FF-Surfa 60-FSI-No bi Pressure	ery h Volume (bbl) 1%0, 99%M 0.70	(Min.)	Pressure Temp (psig) (deg F)	Annotation s Rates
60-FF-Surfa 60-FSI-No bi Pressure Barrier Barier Barri	ery h Volume (bbl) 1%0, 99%M 0.70	(Min.)	Pressure Temp (psig) (deg F)	Annotation s Rates
60-FF-Surfa 60-FSI-No bi Pressure	ery h Volume (bbl) 1%0, 99%M 0.70	(Min.)	Pressure Temp (psig) (deg F)	Annotation s Rates

	DRILL STEM TEST	REPORT	TOOL DIAGRAM
RILOBITE	Blake Exploration	17-14S-32W Logan,K	S
ESTING, INC.	PO Box 150	Nuss #1	
	Bogue, KS 67625	Job Ticket: 66105	DST#:1
	ATTN: Mike Davignon	Test Start: 2019.12.07 @ 0)0:45:00
Tool Information		MOD AN	BENERAL MEDRA
Drill Pipe: Length: 3759.00 ft	Diameter: 3.80 inches Volume:		2500.00 lb
Heavy Wt. Pipe: Length: 0.00 ft	Diameter: 2.75 inches Volume:	0.00 bbl Weight set on Packer: 2	
Drill Collar: Length: 119.00 ft	Diameter: 2.25 inches Volume:	0.59 bbl Weight to Pull Loose: 5	
Drill Pipe Above KB: 23.00 ft	Total Volume:	5	0.00 ft 52000.00 lb
Depth to Top Packer: 3875.00 ft		Final 8	52000.00 lb
Depth to Bottom Packer: ft Interval between Packers: 47.00 ft			
Tool Length: 67.00 ft Number of Packers: 2	Diameter: 6.75 inches		
Tool Comments:			

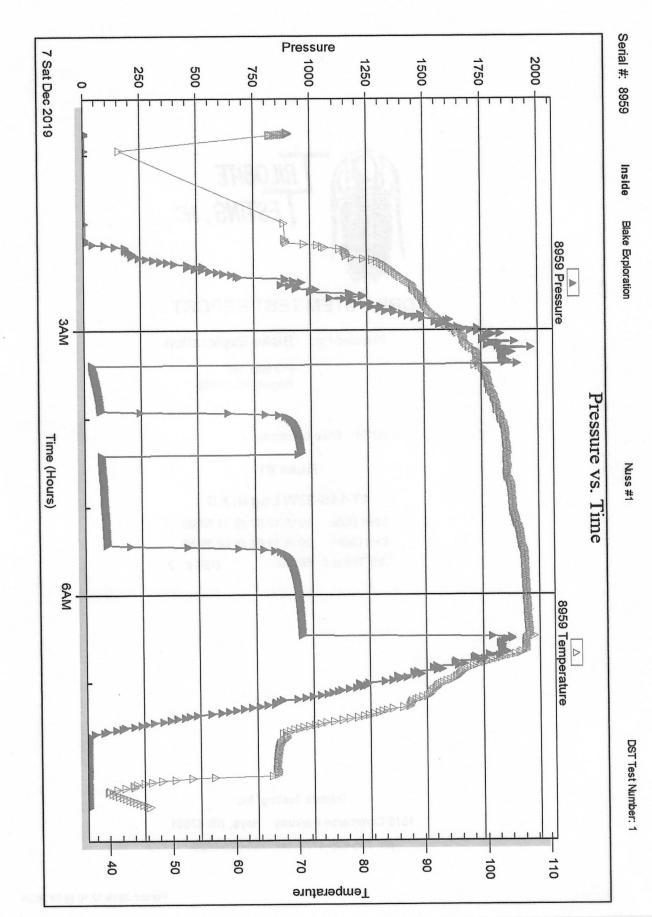
Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut In Tool	5.00			3860.00	State work name states for	
Hydraulic tool	5.00	1113		3865.00		
Packer	5.00			3870.00	20.00 Bottom Of Top Pack	ker
Packer	5.00			3875.00		
Stubb	1.00			3876.00		
Recorder	0.00	8959	Inside	3876.00		
Recorder	0.00	8734	Outside	3876.00		
Perforations	7.00			3883.00		
Change Over Sub	1.00			3884.00		
Drill Pipe	32.00			3916.00		
Change Over Sub	1.00			3917.00		
Bullnose	5.00			3922.00	47.00 Bottom Packers & Anch	or
Total Tool Length	: 67.00)				

	RII ORITE 🛛 🕸		LL STEM TEST REPOR			UID SUMMAR
北北	RILOBITE ESTING , INC.	Blake E	xploration	17-148-32	W Logan,KS	
	ESTING, INC.	PO Box	150	Nuss #1		
	111111111		KS 67625	Job Ticket:	66105 I	DST#: 1
		ATTN:	Mike Davignon	Test Start:	2019.12.07 @ 00:4	5:00
Mud and Cush	ion Information					
Mud Type: Gel C	Chem		Cushion Type:		Oil API:	deg AP
Mud Weight:	9.00 lb/gal		Cushion Length:	ft	Water Salinity:	36000 ppm
/iscosity:	60.00 sec/qt		Cushion Volume:	bbl		
Nater Loss:	6.39 in ³		Gas Cushion Type:			
Resistivity:	ohm.m		Gas Cushion Pressure:	psig		
Salinity:	4300.00 ppm					
Filter Cake:	2.00 inches		and the second se			1
Recovery Info	rmation	1	and a discourse of the second			
			Recovery Table			
	Lengt	th	Description	Volume bbl		
		400.00		0.59	0	
		120.00	WCM 23%W, 77%M	0.5		
		50.00 0.00	Mud w / Oil scum 1%O, 99%M Heavy oil spots in tool	0.00		
			and a second of the second second second			
	Total Length:	170	0.00 ft Total Volume: 1.300 b	bl		
	Num Fluid Samp	oles: 0	Num Gas Bombs: 0	Serial	#:	
	Laboratory Nan	ne:	Laboratory Location:			
	Recovery Com	ments: R	W= .375 @ 39 degs = 36,000 PPM			



Printed: 2019.12.10 @ 08:31:27

Ref. No: 66105



17-14S-32W Logan,KS Nuss #1 Job Ticket: 66106 DST#: 2 Test Start: 2019.12.07 @ 18:50:00 Test Start: 2019.12.07 @ 18:50:00 Test Type: Conventional Bottom Hole (Reserves Tester: Martine Salinas Unit No: 82 Reference Elevations: 2824.00 ft (KB) 2816.00 ft (CF) 8.00 ft KB to GR/CF: 8.00 ft Capacity: 8000.00 psig Last Callb.: 2019.12.07 @ 20:38:20 Time On Btm: 2019.12.07 @ 22:46:50 Time Off Btm: PRESSURE SUMMARY Pressure Temp Annotation (psig) (deg F) 1971.58 99.59 31.74 99.00
Job Ticket: 66106 DST#: 2 Test Start: 2019.12.07 @ 18:50:00 Test Type: Conventional Bottom Hole (Rese Tester: Martine Salinas Unit No: 82 Reference Elevations: 2824.00 ft (KB) 2816.00 ft (CF) KB to GR/CF: 8.00 ft Capacity: 8000.00 psig Last Calib.: 2019.12.07 @ 20:38:20 Time On Btm: 2019.12.07 @ 20:38:20 Time Off Btm: 2019.12.07 @ 22:46:50 PRESSURE SUMMARY Pressure Temp Annotation (psig) (deg F) 1971.58 99.59 Initial Hydro-static
Test Start: 2019.12.07 @ 18:50:00 Test Type: Conventional Bottom Hole (Reserence Tester: Martine Salinas Unit No: 82 Reference Elevations: 2824.00 ft (KB) 2816.00 ft (CF) KB to GR/CF: 8.00 ft Capacity: 8000.00 psig Last Calib.: 2019.12.07 @ 20:38:20 Time On Btm: 2019.12.07 @ 22:46:50 PRESSURE SUMMARY Pressure Temp (psig) (deg F) 1971.58 99.59
Tester: Martine Salinas Unit No: 82 Reference Elevations: 2824.00 ft (KB) 2816.00 ft (CF) KB to GR/CF: 8.00 ft Capacity: 8000.00 psig Last Calib.: 2019.12.08 Time On Btm: 2019.12.07 @ 20:38:20 Time Off Btm: 2019.12.07 @ 22:46:50 PRESSURE SUMMARY Pressure Temp (psig) (deg F) 1971.58 99.59
Tester: Martine Salinas Unit No: 82 Reference Elevations: 2824.00 ft (KB) 2816.00 ft (CF) KB to GR/CF: 8.00 ft Capacity: 8000.00 psig Last Calib.: 2019.12.08 Time On Btm: 2019.12.07 @ 20:38:20 Time Off Btm: 2019.12.07 @ 22:46:50 PRESSURE SUMMARY Pressure Temp (psig) (deg F) 1971.58 99.59
2816.00 ft (CF) KB to GR/CF: 8.00 ft Capacity: 8000.00 psig Last Calib.: 2019.12.08 psig Time On Btm: 2019.12.07 @ 20:38:20 pressure Time Off Btm: 2019.12.07 @ 22:46:50 visual state PRESSURE SUMMARY visual state visual state Pressure Temp Annotation (psig) (deg F) juital Hydro-static
Last Calib.: 2019.12.08 Time On Btm: 2019.12.07 @ 20:38:20 Time Off Btm: 2019.12.07 @ 22:46:50 PRESSURE SUMMARY Pressure Temp Annotation (psig) (deg F) Initial Hydro-static
PressureTempAnnotation(psig)(deg F)1971.5899.59Initial Hydro-static
PressureTempAnnotation(psig)(deg F)1971.5899.59Initial Hydro-static
(psig) (deg F) 1971.58 99.59 Initial Hydro-static
103.37 109.28 Shut-In(1) 967.71 110.10 End Shut-In(1)
108.34 109.76 Open To Flow (2)
143.94 112.29 Shut-ln(2) 935.60 112.10 End Shut-ln(2)
1970.79 112.43 Final Hydro-static
Gas Rates
Choke (inches) Pressure (psig) Gas Rate (M

RILOBITE	Blake Exploration		0RT	4S-32W	Logar	.KS	10220
TESTING, INC			Nus			123.	
	PO Box 150 Bogue, KS 67625			icket: 661	06	DST#:	2
	ATTN: Mike Davignon					@ 18:50:00	
ENERAL INFORMATION:	ļ				1104	NFORMAT	ENERALI
eviated: No Whipstock: me Tool Opened: 20:38:40 me Test Ended: 00:39:50	ft (KB)		Teste Unit N	er: M No: 82	artine Sa 2		
terval: 3970.00 ft (KB) To 4 otal Depth: 4010.00 ft (KB) (7 ole Diameter: 7.88 inchesHo			Refe		ations: GR/CF:		0 ft (KB) 0 ft (CF) 0 ft
erial #: 8959 Inside ress@RunDepth: psig tart Date: 2019.12.07 tart Time: 18:50:01 EST COMMENT: 30-IF-1/4" blow 30-ISI-No blow 30-IE-Surface	End Date: 20 End Time: built to 10 3/4"	019.12.08 00:39:40	Capacity: Last Calib Time On E Time Off I	.: Btm:		8000.0 2019.12.0	10 psig 18
30-FS-No blow	/ back		PF	RESSUR	ESUN	IMARY	
200 EDD/fram		Time (Min.)	Pressure (psig)	Temp (deg F)	Anno	tation	
	ringsentur		L	1			
	24) Ebn		L	Ga	s Rate	25	

Trilobite Testing, Inc

Ref. No: 66106

Printed: 2019.12.10 @ 08:26:25

ATTA T		ITE	DRI	LL STE	MTEST	REPO	RT	TOOL DIAGRAN
	RILOB			xploration		ideo.	17-14S-32W Logan,	KS
	EST	TING , INC	1 10 000	150 KS 67625			Nuss #1	
			Dogue,	110 07 020			Job Ticket: 66106	DST#:2
			ATTN:	Mike Davigno	on		Test Start: 2019.12.07 @	18:50:00
Tool Informatio	n						forme tion	Kud and Cushion In
Drill Pipe:	Length:	3854.00 ft	Diameter:	3.80 in	ches Volume:	54.06 bb	I Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft			ches Volume:	0.00 bb		
Drill Collar:	Length:	119.00 ft	Diameter:	2.25 in	ches Volume:	0.59 bb	Weight to Pull Loose:	56000.00 lb
					Total Volume:	54.65 bb	Tool Chased	0.00 ft
Drill Pipe Above h		23.00 ft					String Weight: Initial	52000.00 lb
Depth to Top Pac		3970.00 ft					Final	52000.00 lb
Depth to Bottom I		ft						
Interval between	Packers:	40.00 ft						
Tool Length:		60.00 ft	Diameter	6.75 in	ahoa			
Number of Packe	ers:	2	Diameter	. 0.75 m	Ciles			
Tool Comments:								
Tool Description	on	L	ength (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut In Tool			5.00		ACT I	3955.00	 Holdman Stad Party 	И
Hydraulic tool			5.00	1113		3960.00		
Packer			5.00			3965.00	20.00	Bottom Of Top Packer
Packer			5.00			3970.00		
Stubb			1.00			3971.00		
Recorder			0.00	8959	Inside	3971.00		
Recorder			0.00	8734	Outside	3971.00		
Perforations			34.00			4005.00		
- of or action to							10.00 D	Have Dashara 0 Anahar

Bullnose

5.00

60.00

Total Tool Length:

Bottom Packers & Anchor

40.00

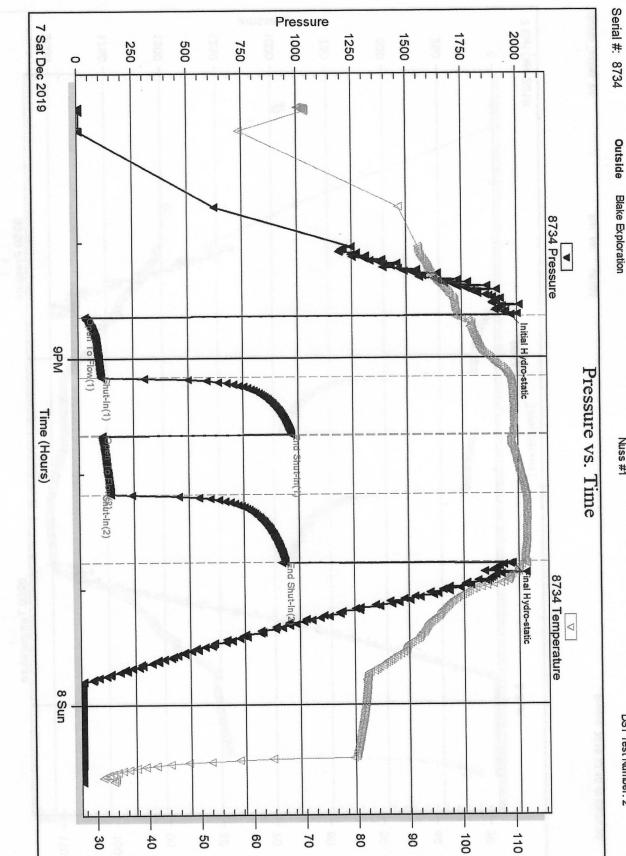
4010.00

		LL STEM TEST REPO	RT	FLUID	SUMMAR
RILOBITI		Exploration	17-145-32	2W Logan,KS	AUCE.
TESTIN	G, INC. PO BO	x 150	Nuss #1		
		, KS 67625	Job Ticket:	66106 DST# :	2
	ATTN:	Mike Davignon	Test Start:	2019.12.07 @ 18:50:00	
lud and Cushion Inform	nation			àcili	annahnt iso
lud Type: Gel Chem lud Weight: 9.00 lb/g liscosity: 60.00 sec Vater Loss: 6.39 in ³ tesistivity: ohn alinity: 4400.00 ppn ilter Cake: 2.00 inch	ı/qt n.m n	Cushion Type: Cushion Length: Cushion Volume: Gas Cushion Type: Gas Cushion Pressure:	ft bbl psig	Oil API: Water Salinity: 80	deg API 000 ppm
Recovery Information		Decement Tekle		-8 GE 08	off, angent inter of Pao
Г	Length	Recovery Table Description	Volume	7	
-	ft 210.00	MCW w /oil scum 33%M, 67%W	bbl 1.8	62	
		0.00 ft Total Volume: 1.862			
	g	receive (al) und an annear annear	Serial	<i></i>	
Labo	Fluid Samples: 0 ratory Name:	Laboratory Location:	Senar	#.	
Reco	overy Comments: F	RW= .216 @ 34.0 degs = 80,000ppm			



Ref. No: 66106

Trilobite Testing, Inc



50

40

60

70

Temperature

80

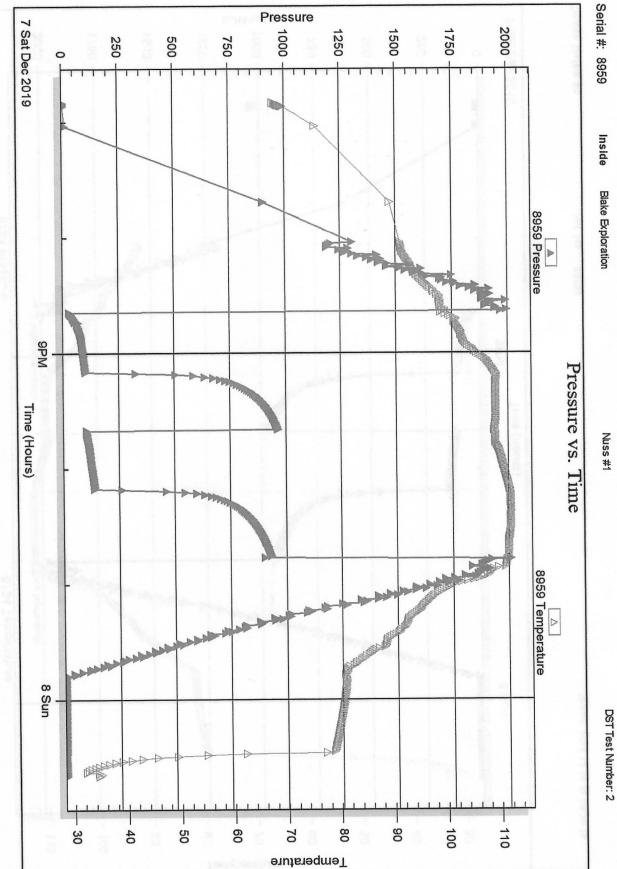
DST Test Number: 2

Nuss #1



Ref. No: 66106





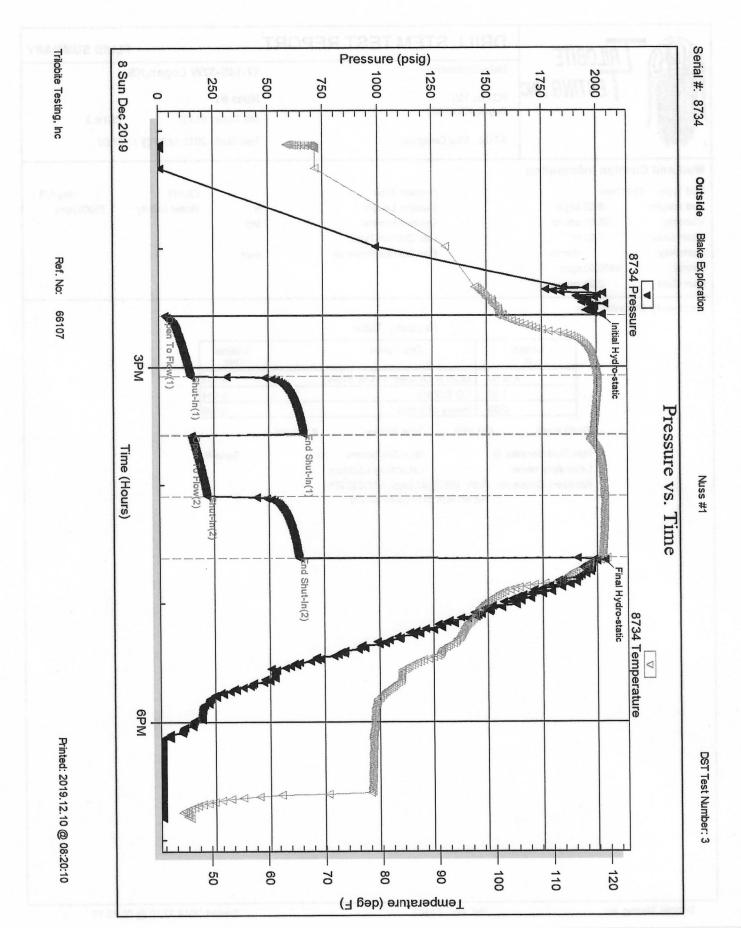
RILOBITE	DRILL STEM TE			4S-32W	Loga	n KS	
TESTING, INC.					Logu	ii,ito	
	PO Box 150 Bogue, KS 67625		Nus Job T	icket: 66	107	DST	#: 3
	ATTN: Mike Davignon		Test	Start: 20 ⁻	19.12.08	8 @ 13:07:00)
GENERAL INFORMATION:			2				
ormation: LKC "K"			Test	Tunor C		anal Dattana	Hele (Beset)
eviated: No Whipstock: ime Tool Opened: 14:33:50	ft (KB)		Test	• •	Aartine S		Hole (Reset)
ime Test Ended: 18:49:09			Unit M		2		
nterval: 4065.00 ft (KB) To 40	90.00 ft (KB) (TVD)		Refe	rence Elev	vations:	2824.	00 ft (KB)
otal Depth: 4090.00 ft (KB) (Th						2816.	00 ft (CF)
	e Condition: Good			KB to	GR/CF	8.	00 ft
erial #: 8734 Outside	STREPORT	17 Marta	DRILL				
ress@RunDepth: 217.77 psig		2010 12 08	Capacity: Last Calib			8000. 2019.12.	00 psig
tart Date: 2019.12.08 tart Time: 13:07:01	End Date: End Time:	2019.12.08 18:49:10	Time On E		019.12	.08 @ 14:33:	
tart lime. 13.07.01		10.45.10	Time Off E			.08 @ 16:38:	
30-FF- B.O.B(11 30-FSI-No blow Pressure vs. 1	Time	ased to 15 1/4)		ESSUR	E SU	MMARY	
		ased to 15 1/4)					
30-FSI-No blow Pressure vs. 1	back		PR				
30-FSI-No blow Pressure va.*	Time E73 Vergenium	Time	PR	Temp		MMARY	
30-FSI-No blow Pressure vs. "	Time E73 Vergenium	Time (Min.)	PR		Anno		
30-FSI-No blow Pressure va."	Time E73 Vergenium	Time (Min.)	PR Pressure (psig)	Temp (deg F) 101.53 100.52	Anno Initial H Open	otation Hydro-static To Flow (1)	
30-FSI-No blow Pressure va.*	Time E73 Vergenium	Time (Min.) 0 1 30 31	Pressure (psig) 2026.09 28.07 144.49	Temp (deg F) 101.53 100.52 117.83	Anno Initial H Open	htation Hydro-static To Flow (1) n(1)	
30-FSI-No blow	Time E73 Vergenium	Time (Min.) 0 1 31 61	Pressure (psig) 2026.09 28.07 144.49 659.30	Temp (deg F) 101.53 100.52 117.83 117.19	Anno Initial H Open Shut-Ir End Sl	Hydro-static To Flow (1) n(1) nut-In(1)	
30-FSI-No blow	Time E73 Vergenium	Time (Min.) 0 1 31 61	Pressure (psig) 2026.09 28.07 144.49	Temp (deg F) 101.53 100.52 117.83 117.19 116.92	Anno Initial H Open Shut-Ir End Si Open	Hydro-static To Flow (1) h(1) hut-In(1) To Flow (2)	
30-FSI-No blow	Time E73 Vergenium	Time (Min.) 0 1 31 61 61 61 92	Pressure (psig) 2026.09 28.07 144.49 659.30 146.93	Temp (deg F) 101.53 100.52 117.83 117.19 116.92 119.06	Anno Initial H Open Shut-Ir End Sl Open Shut-Ir	Hydro-static To Flow (1) h(1) hut-In(1) To Flow (2)	
30-FSI-No blow	Time E73 Vergenium	Time (Min.) 0 1 31 61 61 92	PR Pressure (psig) 2026.09 28.07 144.49 659.30 146.93 217.77	Temp (deg F) 101.53 100.52 117.83 117.19 116.92 119.06	Anno Initial H Open Shut-Ir End SI Open Shut-Ir End SI	hydro-static To Flow (1) n(1) nut-In(1) To Flow (2) n(2)	
30-FSI-No blow	Time E73 Vergenium	Time (Min.) 0 1 31 61 61 92 124	Pressure (psig) 2026.09 28.07 144.49 659.30 146.93 217.77 635.99	Temp (deg F) 101.53 100.52 117.83 117.19 116.92 119.06 118.71	Anno Initial H Open Shut-Ir End SI Open Shut-Ir End SI	hydro-static To Flow (1) h(1) hut-In(1) To Flow (2) h(2) hut-In(2)	
30-FSI-No blow	Time E73 Vergenium	Time (Min.) 0 1 31 61 61 92 124	Pressure (psig) 2026.09 28.07 144.49 659.30 146.93 217.77 635.99	Temp (deg F) 101.53 100.52 117.83 117.19 116.92 119.06 118.71	Anno Initial H Open Shut-Ir End SI Open Shut-Ir End SI	hydro-static To Flow (1) h(1) hut-In(1) To Flow (2) h(2) hut-In(2)	
30-FSI-No blow	Time E73 Vergenium	Time (Min.) 0 1 31 61 61 92 124	Pressure (psig) 2026.09 28.07 144.49 659.30 146.93 217.77 635.99	Temp (deg F) 101.53 100.52 117.83 117.19 116.92 119.06 118.71	Anno Initial H Open Shut-Ir End SI Open Shut-Ir End SI	hydro-static To Flow (1) h(1) hut-In(1) To Flow (2) h(2) hut-In(2)	
S0-FSI-No blow	back	Time (Min.) 0 1 31 61 61 92 124	Pressure (psig) 2026.09 28.07 144.49 659.30 146.93 217.77 635.99	Temp (deg F) 101.53 100.52 117.83 117.19 116.92 119.06 118.71	Anno Initial H Open Shut-Ir End SI Open Shut-Ir End SI	hydro-static To Flow (1) h(1) hut-In(1) To Flow (2) h(2) hut-In(2)	
S0-FSI-No blow	back	Time (Min.) 0 1 31 61 61 92 124	Pressure (psig) 2026.09 28.07 144.49 659.30 146.93 217.77 635.99	Temp (deg F) 101.53 100.52 117.83 117.19 116.92 119.06 118.71 118.34	Anno Initial H Open Shut-Ir End SI Open Shut-Ir End SI	hydro-static To Flow (1) h(1) hut-In(1) To Flow (2) h(2) hut-In(2) hut-In(2)	
30-FSI-No blow	back	Time (Min.) 0 1 31 61 61 92 124	Pressure (psig) 2026.09 28.07 144.49 659.30 146.93 217.77 635.99	Temp (deg F) 101.53 100.52 117.83 117.19 116.92 119.06 118.71 118.34	Anno Initial H Open Shut-li End Sl Open Shut-li End Sl Final H	hydro-static To Flow (1) h(1) hut-In(1) To Flow (2) h(2) hut-In(2) hut-In(2)	Gas Rate (Mcf/d)
30-FSI-No blow	back	Time (Min.) 0 1 31 61 61 92 124	Pressure (psig) 2026.09 28.07 144.49 659.30 146.93 217.77 635.99	Temp (deg F) 101.53 100.52 117.83 117.19 116.92 119.06 118.71 118.34	Anno Initial H Open Shut-li End Sl Open Shut-li End Sl Final H	hydro-static To Flow (1) n(1) nut-In(1) To Flow (2) n(2) hut-In(2) hydro-static	Gas Rate (Mcf/d)
S0-FSI-No blow	back	Time (Min.) 0 1 31 61 61 92 124	Pressure (psig) 2026.09 28.07 144.49 659.30 146.93 217.77 635.99	Temp (deg F) 101.53 100.52 117.83 117.19 116.92 119.06 118.71 118.34	Anno Initial H Open Shut-li End Sl Open Shut-li End Sl Final H	hydro-static To Flow (1) n(1) nut-In(1) To Flow (2) n(2) hut-In(2) hydro-static	Gas Rate (Mcf/d)
30-FSI-No blow	back	Time (Min.) 0 1 31 61 61 92 124	Pressure (psig) 2026.09 28.07 144.49 659.30 146.93 217.77 635.99	Temp (deg F) 101.53 100.52 117.83 117.19 116.92 119.06 118.71 118.34	Anno Initial H Open Shut-li End Sl Open Shut-li End Sl Final H	hydro-static To Flow (1) n(1) nut-In(1) To Flow (2) n(2) hut-In(2) hydro-static	Gas Rate (Mcf/d)
S0-FSI-No blow	back	Time (Min.) 0 1 31 61 61 92 124	Pressure (psig) 2026.09 28.07 144.49 659.30 146.93 217.77 635.99	Temp (deg F) 101.53 100.52 117.83 117.19 116.92 119.06 118.71 118.34	Anno Initial H Open Shut-li End Sl Open Shut-li End Sl Final H	hydro-static To Flow (1) n(1) nut-In(1) To Flow (2) n(2) hut-In(2) hydro-static	Gas Rate (Mcf/d)
S0-FSI-No blow	back	Time (Min.) 0 1 31 61 61 92 124	Pressure (psig) 2026.09 28.07 144.49 659.30 146.93 217.77 635.99	Temp (deg F) 101.53 100.52 117.83 117.19 116.92 119.06 118.71 118.34	Anno Initial H Open Shut-li End Sl Open Shut-li End Sl Final H	hydro-static To Flow (1) n(1) nut-In(1) To Flow (2) n(2) hut-In(2) hydro-static	Gas Rate (Mct/d)

Trilobite Testing, Inc Ref. No: 66107

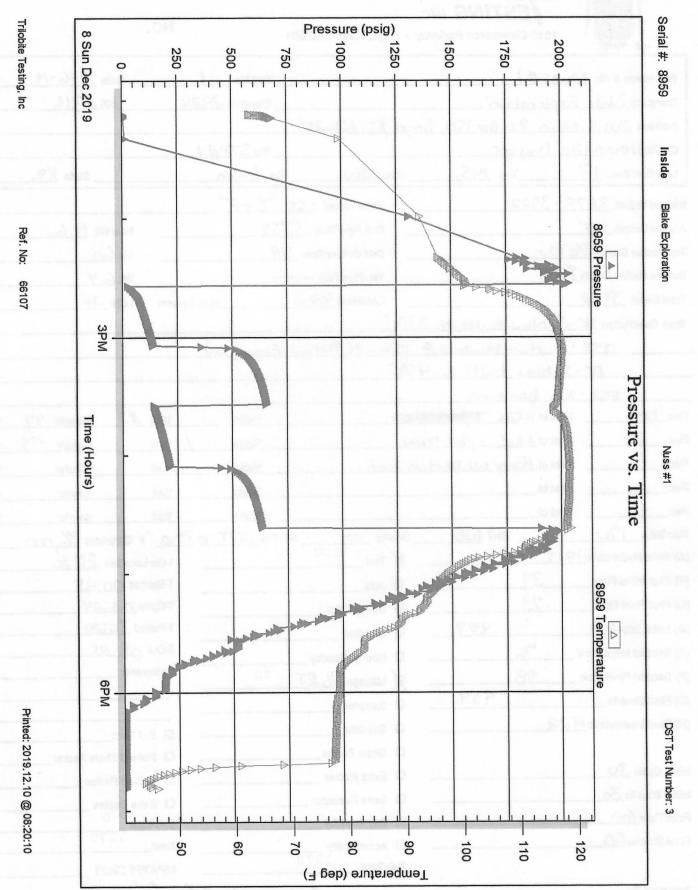
RILOBITE	DRILL STEM T		17-145-32	2W Loga	n KS	
TESTING, INC.						
	PO Box 150 Bogue, KS 67625		Nuss #1	66107	DST	4.3
	ATTN: Mike Davignon				3 @ 13:07:00	
						teinidint Ind
ime Tool Opened: 14:33:50 ime Test Ended: 18:49:09			Test Type: Tester: Unit No:	Conventi Martine S 82	onal Bottom I Salinas	Hole (Reset)
terval:4065.00 ft (KB) To40Total Depth:4090.00 ft (KB) (TVHole Diameter:7.88 inchesHole				Elevations: (B to GR/CF	2816.	00 ft (KB) 00 ft (CF) 00 ft
Serial #: 8959 Inside		esition in	e george	8		tothe of Hack
ress@RunDepth:psigStart Date:2019.12.08Start Time:13:07:01	<pre>@ 4066.00 ft (KB) End Date: End Time:</pre>	2019.12.08 18:49:10	Capacity: Last Calib.: Time On Btm: Time Off Btm:		8000. 2019.12.	00 psig 08
EST COMMENT: 30-IF- B.O.B(11ir 30-ISI-No blow b 30-FF- B.O.B(11 30-FSI-No blow b	ack inches) @ 22 mins (blow inc					
30-ISI-No blow b 30-FF- B.O.B(11 30-FSI-No blow b Pressure vs. T	ack inches) @ 22 mins (blow inc back Time	reased to 15 1/4")				ingerspander kom Insel Ritter Ison doverkag enter
30-ISI-No blow b 30-FF- B.O.B(11 30-FSI-No blow b Pressure vs. T	ack inches) @ 22 mins (blow inc back		PRESS Pressure Tem (psig) (deg	np Anno	MMARY	Aline
30-ISI-No blow b 30-FF- B.O.B(11 30-FSI-No blow l Pressure vs. T	ack inches) @ 22 mins (blow inc back	Time (Min.)	Pressure Tem (psig) (deg	np Anno	otation	inst K Teal parault food parault food paraul
30-ISI-No blow b 30-FF- B.O.B(11 30-FSI-No blow b Pressure vs. 1 EXEMPSON and a set of the set of	rack inches) @ 22 mins (blow inc back	Time (Min.)	Pressure Tem (psig) (deg	Gas Rate	otation	Gas Rate (Mcf/d)
30-ISI-No blow b 30-FF- B.O.B(11 30-FSI-No blow b Pressure vs. 1 Pressure vs. 1 The pressure vs. 1 The	ack inches) @ 22 mins (blow inc back	Time (Min.)	Pressure Tem (psig) (deg	Gas Rate	otation	Gas Rate (Mcf/d)
30-ISI-No blow b 30-FF- B.O.B(11 30-FSI-No blow b Pressure vs. 1	ack inches) @ 22 mins (blow inc back	Time (Min.)	Pressure Tem (psig) (deg	Gas Rate	otation	Gas Rate (Mcf/d)
30-ISI-No blow b 30-FF- B.O.B(11 30-FSI-No blow b Pressure vs. 1 Pressure vs. 1 The pressure vs. 1 The	ack inches) @ 22 mins (blow inc back	Time (Min.)	Pressure Tem (psig) (deg	Gas Rate	otation	Gas Rate (Mcf/d)

RILOBITE	DRILL	STEM TEST	REPORT	120 2019	TOOL DIAGRA
	Blake Explor	ation	and a start of the	17-14S-32W Logan,	KS
ESTING, INC	PO Box 150			Nuss #1	
	Bogue, KS 6			Job Ticket: 66107	DST#:3
		Devienen		Test Start: 2019.12.08 @	
	ATTN: Mike	Davignon	and the second second	Test Start. 2019.12.00 @	g 13.07.00
Tool Information					
Drill Pipe: Length: 3947.00 ft	Diameter:	3.80 inches Volume:	55.37 bbl	Tool Weight:	2500.00 lb
	Diameter:	2.75 inches Volume:	0.00 bbl	Weight set on Packer	
Drill Collar: Length: 119.00 ft	Diameter:	2.25 inches Volume:	0.59 bbl	Weight to Pull Loose: Tool Chased	0.00 ft
Drill Pipe Above KB: 21.00 ft		Total Volume:	55.96 bbl	String Weight: Initial	55000.00 lb
Depth to Top Packer: 4065.00 ft				Final	56000.00 lb
Depth to Bottom Packer: ft					
Interval between Packers: 25.00 ft					
Tool Length: 45.00 ft		6.75 inches		nist and	
Number of Packers: 2	Diameter:	0.75 mones			
Tool Comments:					
		rial No. Position	Depth (ft) Acc 4050.00	um. Lengths	A THREAMON TR
Shut In Tool	5.00	1112	4050.00		
Hydraulic tool	5.00	1113	4060.00	20.00	Bottom Of Top Packe
Packer	5.00		4065.00	20.00	Bollom of Top Facke
Packer	5.00		4065.00		
Stubb	1.00	0050 Inside	4066.00		
Recorder	0.00	8959 Inside	4066.00		
Recorder	0.00	8734 Outside	4085.00		
Perforations	19.00 5.00		4085.00	25.00 B	ottom Packers & Ancho
Bulinose	5.00		4030.00	20.00 5	
Total Tool Length:	45.00				
Total Tool Length:	45.00				
Total Tool Length:	45.00				
Total Tool Length:	45.00				
Total Tool Length:	45.00				
Total Tool Length:	45.00				
Total Tool Length:	45.00				
Total Tool Length:	45.00				
Total Tool Length:					

RILOBITE TESTING, INC.		DRILL STEM TEST REPORT FLUID SUMMAR					
		Blake Exploration PO Box 150 Bogue, KS 67625 ATTN: Mike Davignon			17-14S-32W Logan,KS Nuss #1 Job Ticket: 66107 DST#: 3 Test Start: 2019.12.08 @ 13:07:00		
Aud and Cushion In	formation					1	
Viscosity: 58.00 Nater Loss: 7.59 Resistivity: Salinity: 9400.00	ohm.m	Cushior Gas Cu	n Type: n Length: n Volume: shion Type: shion Pressure:	~	ft bbl psig	Oil API: Water Salinity:	deg AP 75000 ppm
Recovery Information	on	Recov	ery Table			- 1	
	Length		cription		Volume	1	
	ft	9.00 MCW w /Oil sp	ots 13%M, 87%W		bbl 4.79	23	
	And the second	1.00 CO 100%O			0.0		
		0.00 Heavy oil in to		4.807 bbl	0.00	00	
	Total Length: Num Fluid Samples Laboratory Name: Recovery Commer		n Gas Bombs: 0 oratory Location: egs = 75,000 PPM catch gravity		Serial	#:	



lest Ticket



	RILOBITE	Test Ticket 66105				
410	ESTING IN 1515 Commerce Park	VC. way • Hays, Kansas 67601	NO.			
Well Name & No. Nu	\$5 #1	Test No.		Date 12-6-19	1	
Company Blake Ex	plocativo.	Elevation 282	4	кв 2816	GL	
		Bogue KS. 67625		C		
Co. Rep / Geo. Mike	Dauruer	Rig STP#1		<u></u>		
		Rge. 32W. Co. 105an		State KS		
Interval Tested 3875						
Anchor Length 47'		Drill Pipe Run 3759		Mud Wt. 8.6		
Top Packer Depth 38	10			Vis 60		
Bottom Packer Depth 31		Wt. Pipe Run		WL6.4		
Total Depth 3922		Chlorides 4300 ppm 5				
	S. blow built to					
		E 10 mins (Thermal Expansion)				
	blow built to		a mandanda da ana ang kang mang mang mang mang mang mang mang m			
	Jo blowback					
		%gas	%oil	23 %water	77 %mud	
		SCUM. %gas	/ %oil	%water	99 %mud	
		ts in tool %gas	%oil	%water	%mud	
	eet of		%oil	%water	%mud	
Rec F	eet of	%gas	%oil	%water	%mud	
Rec Total 170	внт 108		39.0	F Chlorides 36,0	200 ppm	
(A) Initial Hydrostatic 19	11.3	Test1200	T-On	Location 237.30		
(B) First Initial Flow	37	🖸 Jars	T-Sta	urted 00:45		
(C) First Final Flow	73	Safety Joint		en_03:24		
(D) Initial Shut-In	957	Circ Sub		lled 06:24		
(E) Second Initial Flow	76	O Hourly Standby		108:85		
(F) Second Final Flow		Mileage 76 RT. 70	Com	ments		
(G) Final Shut-In	954	C Sampler				
(H) Final Hydrostatic 19	22	C Straddle		EM Tool		
		G Shale Packer		Ruined Shale Packer		
Initial Open <u>30</u>		Q Extra Packer		Ruined Packer		
Initial Shut-In 30		C Extra Recorder		Extra Copies		
Final Flow 60		Day Standby		Total 0 1270		
Final Shut-In 60		Accessibility	Tota	1270		
		Sub Total	MP	DST Disc't		
		Our Demonstration A	1.11	11.		

Approved By

Our Representative Marto John

Allo Allo Allo Allo Allo Allo Allo Allo	INC. kway • Hays, Kansas 67601	Test Ticket 66106 NO.
Well Name & No. Nuss #1		Date 12-7-19
Company Blake Exploration	Elevation 382	<u>кв 2816 gl</u>
Address 201 S. Main P.O. Box	150 Bogue, KS 67625.	0. 9. Jack A. 2. 105. mobile
Co. Rep/Gep. Mike. Daveyer	Rig STP#1	Contraction Miller Developer.
Location: Sec. 17 Twp 145.	Rge. 32W. Co. Logan	State KS.
	Zone Tested LKC "H"	
Anchor Length 40		
Top Packer Depth 3965 .		
Bottom Packer Depth_3978		WL 6.4
	Chlorides <u>4400</u> ppm S	
Blow Description IF - 1/4" blow built		e el color de la color de l
ISI · No blowback		1
FF . S. blow built	to 71/2"	Hund Land Z. The
FSI - No blowbeck		second sect 173
Rec 210 Feet of MCW Di		%oil 67 %water 33 %mud
Rec Feet of		%oil %water %mud
Rec Feet of		%oil %water %mud
Rec Feet of		%oil %water %mud
Rec Feet of		%oil %water %mud
	Gravity API RW .216 @	34.0 F Chlorides 80,000 ppm
(A) Initial Hydrostatic 1972	Test1300	T-On Location 18:30
(B) First Initial Flow32	D Jars	T-Started 18:50
(C) First Final Flow 103	Safety Joint	T-Open_20:39
(D) Initial Shut-In968	Circ Sub	T-Pulled 22:39
(E) Second Initial Flow 108	Hourly Standby	T-Out (00: 40)
(F) Second Final Flow	Mileage 76 RT 70	Comments
(G) Final Shut-In 936		
(H) Final Hydrostatic 1971	O Straddle	
	Shale Packer	Ruined Shale Packer
Initial Open 30	Extra Packer	Ruined Packer
Initial Shut-In 30	C Extra Recorder	Extra Copies
Final Flow 30	Day Standby	0
Final Shut-In 30	Q Accessibility	Total1370
road redeed	Sub Total 1370	MP/DST Disc't

Approved By

Our Representative Mart Lal

410 RILOBITE TESTING I 1515 Commerce Part	<i>NC.</i> kway • Hays, Kansas 67601	NO.
Well Name & No. Nu 55 H 1	Test No	Date 12-8-19
	Elevation 2824	
	150 Boque KS 67625	
Co. Rep/Geo. Mike Dangyer		and the state of the
00	Rge. 32W Co. Logan	State KS.
Interval Tested 4065-4090	A 11	
Anchor Length 2.5	0	Mud Wt. 9.0
Top Packer Depth 4060		
Bottom Packer Depth 4065	Wt. Pipe Run	
Total Depth 4090	Chlorides 9400 ppm S	
ISI · No blowback	O.B(ILIACHOS) C. 14 Mins (blow increased B.O.B(ILIACHOS) C. 22 mins (blow increased	
Rec 419 Feet of MCW w/oi	7 spots. %gas	%oil 87 %water / 3 %mud
Rec/ Feet of Co	%gas (ك	%water %mud
Rec Feet of Heavy oil i	n tool %gas	%oil %water %mud
Rec Feet of	%gas	%oil %water %mud
Rec Feet of	%gas	%oil %water %mud
	Gravity API RW 165 @	7.0 °F Chlorides 75,000 ppm
(A) Initial Hydrostatic 2026	X Test1300	T-On Location / 3:05
(B) First Initial Flow 28	🖸 Jars	T-Started <u>13:07</u>
(C) First Final Flow (44	Safety Joint	T-Open <u>/4',34</u>
(D) Initial Shut-In659	Circ Sub	T-Pulled <u>16:34</u> T-Out <u>18:50</u>
(E) Second Initial Flow147	Hourly Standby	Comments Not enough ail to
(F) Second Final Flow218	Mileage TO RTX2 70+70	Catch gravity
(G) Final Shut-In636	O Sampler	Touls landed CO4:00 12-9-19
(H) Final Hydrostatic 20.34	G Straddle	CI EM Tool
	Shale Packer	Ruined Shale Packer
Initial Open 30	Extra Packer	Ruined Packer
Initial Shut-In_30	Extra Recorder	Extra Copies
Final Flow	Day Standby	Sub Total
Final Shut-In 30	Accessibility	Total1440
	Sub Total 1440	MP/DST Disc't