# KOLAR Document ID: 1417311

Confiden	tiality Re	quested:
Yes	No	

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION Form ACO-1 January 2018 Form must be Typed Form must be Signed All blanks must be Filled

## WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License #	API No.:
Name:	Spot Description:
Address 1:	
Address 2:	Feet from  North /  South Line of Section
City: State: Zip:+	Feet from East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxx) (e.gxxx.xxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
	Producing Formation:
	Elevation: Ground: Kelly Bushing:
☐ Gas ☐ DH ☐ EOR □ OG □ GSW	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? Yes No
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet
Operator:	If Alternate II completion, cement circulated from:
Well Name:	feet depth to:w/sx cmt.
Original Comp. Date: Original Total Depth:	
Deepening Re-perf. Conv. to EOR Conv. to SWD	Deilling Fleid Management Disp
Plug Back Liner Conv. to GSW Conv. to Producer	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
	Chlorida contenti nom Eluiduclumo, hblo
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 East West
Spud Date or         Date Reached TD         Completion Date or           Recompletion Date         Recompletion Date         Recompletion Date	County: Permit #:
Hoompleter Bate	

#### 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:

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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	acate)	Y	′es 🗌 No			og Formatio	n (Top), Depth a	and Datum	Sample
Samples Sent to Geolo			⁄es 🗌 No	1	Name	Э		Тор	Datum
Cores Taken Electric Log Run Geologist Report / Mud List All E. Logs Run:		□ Y □ Y	Yes ☐ No Yes ☐ No Yes ☐ No						
		Rep	CASING ort all strings set-c		] Ne	w Used rmediate, productio	on. etc.		
Purpose of String	Size Hole Drilled	Siz	ze Casing et (In O.D.)	Weight Lbs. / Ft.		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
[			ADDITIONAL	CEMENTING /	SQU	EEZE RECORD			
Purpose:	Depth Top Bottom	Туре	e of Cement	# Sacks Use	d		Type and	Percent Additives	
Protect Casing Plug Back TD Plug Off Zone									
<ol> <li>Did you perform a hydra</li> <li>Does the volume of the</li> <li>Was the hydraulic fracture</li> </ol>	total base fluid of the	hydraulic fr	acturing treatment		-	☐ Yes ns? ☐ Yes ☐ Yes	No (If No, s	kip questions 2 ar kip question 3) ill out Page Three	
Date of first Production/Inj Injection:	jection or Resumed Pr	oduction/	Producing Meth	iod:		Gas Lift 🗌 O	ther <i>(Explain)</i>		
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wate	er Bb	ls.	Gas-Oil Ratio	Gravity
DISPOSITIO	N OF GAS:		Ν	IETHOD OF COM	MPLE	TION:		PRODUCTIC Top	DN INTERVAL: Bottom
Vented Sold (If vented, Subn	Used on Lease		Open Hole		-	·	nit ACO-4)	юр	Bollom
	foration Perform Top Botto		Bridge Plug Type	Bridge Plug Set At		Acid,		ementing Squeezend of Material Used)	
TUBING RECORD:	Size:	Set At:		Packer At:					

Form	ACO1 - Well Completion
Operator	Blake Exploration, LLC
Well Name	SCHMITT 1
Doc ID	1417311

# Casing

	Size Hole Drilled	Size Casing Set		Setting Depth	Type Of Cement		Type and Percent Additives
Surface	14.25	8.625	24	262	СОМ	160	5,10
Production	8.875	5.5	14	4630	СОМ	230	2,3

SM-11164 90-17417 55226 TICKET NUMBER 11-11050 LOCATION FOREMAN ~ PRESSURE PUMPING LLC FIELD TICKET & TREATMENT REPORT PO Box 884, Chanute, KS 66720 368UK invoia-CEMENT 620-431-9210 or 800-467-8676 COUNTY WELL NAME & NUMBER SECTION TOWNSHIP CUSTOMER # RANG DATE 324 7-20-68 115 Schniff #1 60000 CUSTOMER Oakley TRUCK # DRIVER TRUCK # DRIVER 15 Einto MAILING ADDRESS 31 Con . 2015. Main 8-7 Agin M 35 STATE 6762 5 Bogue < 6 5 /2 CASING SIZE & WEIGHT lot Coller JOB TYPE HOLE SIZE HOLE DEPTH P.CC 2545 TUBING 27/8 OTHER CASING DEPTH DRILL PIPE SLURRY WEIGHT 125 1.89 WATER gal/sk **CEMENT LEFT in CASING** SLURRY VOL DISPLACEMENT DISPLACEMENT PSI MIX PSI RATE 1C un idea REMARKS: 410.54 Nun 10 jbs a held Smin TUCT oress casivy 2. Shet in ю 5700 rman That you 14 to Sar Jac Verys crew ACCOUNT UNIT PRICE TOTAL **QUANITY or UNITS DESCRIPTION of SERVICES or PRODUCT** CODE 90000 CECHS 1900.00 PUMP CHARGE 7.15 71.50 CECO2 10 MILEAGE ton milege dolivery 660 A 6000 (B071) 5075.00 CC5831 291 17.50 3.00 CC 6075 73 12 219,00 fla see 60.600 500# 100 4r 5000 Dotton SACA 7925.57 2377.6 308 554 8% SALES TAX Ravin 3737 ESTIMATED TOTAL AUTHORIZTION DATE TITLE

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.

10039 TICKET NUMBER LOCATION FOREMAN PRESSURE PUMPING LLC FIELD TICKET & TREATMENT REPORT PO Box 884, Chanute, KS 66720 word 620-431-9210 or 800-467-8676 CEMENT DATE CUSTOMER # WELL NAME & NUMBER SECTION TOWNSHIP RANGE COUNT 7-3-18 CUSTOMER II / Schniff 5 a 11 31 0907 O.Kky K TRUCK # DRIVER TRUCK # DRIVER 15 Est MAILING ADDRESS Eric SMA STATE CODE 601 artere JOB T PE HOLE SIZE 16 13\* HOLE DEPTH CASING SIZE & WEIGHT 878 262 **CASING DEPTH** DRILL PIPE TUBING OTHER SLURRY WEIGHT 15 124 SLURRY VOL . WATER gal/sk **CEMENT LEFT in CASING** 13 DISPLACEMENT DISPLACEMENT PSI MIX PSI CI REMARKS: Da 5 4P On Com 21 na ¢ 104 De 64 Vele ACCOUNT **QUANITY or UNITS DESCRIPTION of SERVICES or PRODUCT** UNIT PRICE TOTAL CODE 047 PUMP CHARGE 11500 150.0 ECCUS 10 MILEAGE 671 7.52 ton lovery 6000 min wor CC587 1605K) sur face ble 1400 3840.0 Subk 5721,30 171644 400 5.6% SALES TAX 05 Ravin 3737 ESTIMATED TOTAL 220,09 AUTHORIZTION 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.

Q	ES	105		TICKET NUM	BER 55	221
PO 6ox 884,	Chanute, KS 66720	FIELD TICKET & TREA			Jerry	ED -
629-431-92 DATE	10 or 800-467-8676	CEMEN	T INV	016年813	616	KI
DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
CUSTOMER	1487 9	Shaitt #1	11	115	.320	logan
	Blake Fra	Ex Klay	TRUCK #	000//00		0
MAILING ADDRE		15,	753	DRIVER	TRUCK#	DRIVER
2015.M	48	E:10	566 -	Con U	1 11	Walt
BOQUE	STATE	ZIP CODE	assist	Acilija	1	-
	N	67625	535	Jerry Y	1	
IOB TYPE	Agstring HOLE SIZ	E 7/HOLE DEPTH	4650	CASING SIZE & V	WEIGHT 5	1/2 14/2
ASING DEPTH	V4430 DRILL PIP	PETUBING			OTHER PO	Collere 2
LURRY WEIGH	101/1/	main ganar	<u> </u>	CEMENT LEFT in		181
ISPLACEMENT	12/2 66/ DISPLACE	EMENT PSI MIX PSI		RATE		
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1250#	Fill I all P	my clean pumps lines	displace	w. 76 /12%	266/ 10	shaker
TADOW	time lift plug	Made C 78007-1	cleased b	ack > Sle	at held	
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30 KS	QUANITY or UNITS	DESCRIPTION of S	SERVICES or PRO	DDUCT	Jerry 3	109 (26)
CODE	QUANITY or UNITS	DESCRIPTION of S	SERVICES or PRO	DDUCT	UNIT PRICE	TOTAL
CODE	e	PUMP CHARGE	SERVICES or PRO	DDUCT	UNIT PRICE	TOTAL
CODE E0453	10	PUMP CHARGE MILEAGE		DDUCT	UNIT PRICE 2500.00 7.15	TOTAL 2800.0 71.50
CODE E0453	10	PUMP CHARGE		DDUCT	UNIT PRICE 2500.00 7.15	TOTAL 2800.0 71.50
CODE E0453	7.05	PUMP CHARGE MILEAGE ton milegy del		DDUCT	Jerry 2 UNIT PRICE 2500.00 7.15 660.0	TOTAL 2800.0 71.50
CODE E0453	10 7.05 230 250 sks	PUMP CHARGE MILEAGE ton milegy del thixobland III		DDUCT	Jerry 2 UNIT PRICE 2500.00 7.15 660.0	TOTAL 2800.0 71.50
CODE E0453	10 7.05 230 250 sks	PUMP CHARGE MILEAGE ton milegy del		DDUCT	UNIT PRICE 2500.00 7.15	TOTAL 2800.0 71.50
CODE E0453	10 7.05 230 250 sks	PUMP CHARGE MILEAGE ton milegy del thixoblend III Kolsow mud flyloh		DDUCT	Jerry 2 UNIT PRICE 2500.00 7.15 660.0	TOTAL 2800.00 71.50 660.00 59.80 625.00 625.00
CODE E0453	10 7.05 230 250 sks	PUMP CHARGE MILEAGE ton milegy del thixoblend III Kolson Mud flyloh	ivery	DDUCT	26.00 .50 .50	TOTAL 2800.0 71.50 660.00 59.80 625.00 625.00 325.0
CODE E0453	10 7.05 230 250 sks	PUMP CHARGE MILEAGE ton milegge del thixoblend III Kolsow mud fluish 51/2 AFU flo	ivery ext shoe	DDUCT	Jerry 2 UNIT PRICE 2500.00 7.15 660.0	TOTAL 2800.0 71.50 660.00 59.80 6500.0 625.00 325.0 585.0
CODE E0453	10 7.05 230 250 sks	PUMP CHARGE MILEAGE ton milegy del thixoblend III Kolsow mud flyloh 51/2 AFU flo 51/2 AFU flo	ivery satshae wn assu	DDUCT	26.00 .50 .50	TOTAL 2800.0 71.50 660.00 59.80 6500.0 625.00 325.0 585.0 400.00
CODE E0453 E002 E0711 C5862 C6077 C6125 P8485 P8254 P8254	10 7.05 230 250 sks	PUMP CHARGE MILEAGE ton milegge del thixoblend III Kolsow mud fluish 51/2 AFU flo 51/2 latch do 51/2 centrali	et shoe wh assy zers	DDUCT	2500.00 7.15 660.00 .50 .50 .55 58500 40000 8100	TOTAL 2800.0 71.50 660.00 59.80 625.00 625.00 325.0
CODE E0453	10 7.05 230 250 sks	PUMP CHARGE MILEAGE ton milegy del thixoblend III Kolsow mud fluish 51/2 AFU flo 51/2 latch do 51/2 centrali 51/2 baskeds	ivery satshoe wh assy zers	DDUCT	2500.00 7.15 660.00 .50 .6.5 .585.00 400.00 81.00 .385.00	TOTAL 2800.0 71.50 660.00 59.80 625.00 625.00 325.0 585.0 400.00 405.0 1925.0
CODE E0453 E002 E0711 C5862 C6077 C6125 P8485 P8254 P8254	10 7.05 230 250 sks	PUMP CHARGE MILEAGE ton milegge del thixoblend III Kolsow mud fluish 51/2 AFU flo 51/2 latch do 51/2 centrali	ivery satshoe wh assy zers	DDUCT	2500.00 7.15 660.00 .50 .50 .55 58500 40000 8100	TOTAL 2800.0 71.50 660.00 59.80 625.00 625.00 325.0 585.0 400.00 405.0 1925.0
CODE E0453 E002 E0711 C5862 C6077 C6125 P8485 P8254 P8254	10 7.05 230 250 sks	PUMP CHARGE MILEAGE ton milegy del thixoblend III Kolsow mud fluish 51/2 AFU flo 51/2 latch do 51/2 centrali 51/2 baskeds	ivery satshoe wh assy zers	DDUCT	2500.00 7.15 660.00 .50 .6.5 .585.00 400.00 81.00 .385.00	TOTAL 2800.0 71.50 660.00 59.80 625.00 625.00 325.0 585.0 400.00 405.0 1925.0
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account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form. of the form or in the customer's

Bogue, Ke 67625     Job Ticket: 6386     DST#: 1       ATTN: Mike Davignon     Test Start: 2018.07.07 @ 21:53:25       SENERAL INFORMATION:     Test Start: 2018.07.07 @ 21:53:25       formation:     LKC C-D       Revisite:     No       ime Tool Openci:     25:82:5       ime Tool Openci:     90:00.00 ft(KB)       ime Tool Openci:     7.88 inchesHole Condition: Good       KB to GRICE:     7.88 inchesHole Condition: Good       KB to Barneter:     21:8.07.07       Time:     21:8.07.07       Start Tame:     21:8.07.07       Start Tame:     21:8.07.07       Start Tame:     21:8.07.07       Start Tame:     21:8.07.07       EDG In 14 min. 38*       FE: BOB In 12 min. 24 1/2*       Start Tame:     20:8.07.07       EDG In 14 min. 38*       FE: BOB In 14 min. 38*       FE:		FOTULO	Blake Exploration		11	-11s-32v	v Logan, K	S	
ATTN: Mike Davignon ATTN: Mike Davignon Test Start: 2018.07.07 @ 21:53:25 GENERAL INFORMATION: Formation: LKG C-D Deviated: No Whipstock: ft (KB) Time Tool Opened: 23:53:25 Inter Trate: 4070.00 ft (KB) To 4120.00 ft (KB) (TVD) Total Depth: 4120.00 ft (KB) (TVD) Total Depth: 4120.00 ft (KB) (TVD) Total Depth: 228.38 psig @ 4071.00 ft (KB) Start Date: 2018.07.07 End Date: 2018.07.08 Start Time: 21:53:25 End Time: 2018.07.08 Time On Birn: 2018.07.08 @ 02:56:25 Time Off Birn 2018.07.08 @ 02:56:25		ESTING , INC.	and a second sec		Sc	:hmitt #	1		
GENERAL INFORMATION: Formation: LKC C-D Deviated: No Whipstock: ft (KB) Time Tool Opened: 23:58:25 Time Tool Opened: 23:58:25 Interval: 4070.00 ft (KB) TO 4120.00 ft (KB) (TVD) Total Depth: 4120.00 ft (KB) (TVD) Total Depth: 21:53:25 Serial #: 8166 Press@FunDepth: 28:23 psig @ 4071.00 ft (KB) Start Date: 2018.07.07 Ext June: 21:53:25 TEST COMMENT: F: BOB in 12 min. 24 1/2" E: No return. F: BOB in 12 min. 24 1/2" E: No return. F: BOB in 14 min. 33" FS: No return. F: BOB in 14 min. 34" FS: No return. F: BOB in 14 min. 35" FS: No return. FS: No return. FS: BOB in 14 min. 35" FS: No return. FS: FS: SS: SS: SS: SS: SS: SS: SS: SS:			Bogue, Ks 67625		Jol	b Ticket: 6	3886	DST#:	1
Formation:       LKC C-D         Deviate:       No       Whipstock:       ft (KB)         Time Tool Opened: 23:58:25       Test Type:       Conventional Bottom Hole (hillat)         Time Tool Opened: 23:58:25       Test Type:       Conventional Bottom Hole (hillat)         Time Tool Tode       05:18:25       Test Type:       Conventional Bottom Hole (hillat)         Time Tool Tode       05:18:25       Test Type:       Conventional Bottom Hole (hillat)         Todal Depth:       4120.00 ft (KB) To       4120.00 ft (KB) (TVD)       3053.00 ft (CF)         Fold Depth:       7.88 InchesHole Condition:       Good       KB to GRVCF:       7.00 ft         Serial #:       8166       Inside       Capacity::       8000.00 psig         Start Date:       2018.07.08       Last Calbs:       2018.07.08 (B 02:55:5)         TEST COMMENT:       F: BOB in 12 min. 24 1/2*       S: No return.         F:: BOB in 12 min. 24 1/2*       S: No return.       Time Off Birr       2018.07.08 (B 02:56:25)         TEST COMMENT:       F: BOB in 12 min. 24 1/2*       S: No return.       Time Off Birr       2018.07.08 (B 02:56:25)         Time Off Birr       2018.07.08 (B 02:56:25)       Time Off Birr       2018.07.08 (B 02:56:25)       Time Off Birr       113.02 (B 113.07)         S: No	Million C		ATTN: Mike Davignon		Te	st Start: 2	018.07.07@2	21:53:25	
Deviated: No Whipstock: ft (KB) Time Tool Opened: 23:58:25 Time Test Ended: 05:18:25 Time Test Ended: 05:18:25 Time Test Ended: 05:18:25 Time Test Ended: 05:18:25 Total Depth: 4120.00 ft (KB) To VD) Hele Diameter: 7.88 inchesHele Condition: Good KB to GRVCF: 7.00 ft Serial #: 8166 Press@RunDepth: 28:238 psig @ 4071.00 ft (KB) Start Date: 2018.07.07 End Date: 2018.07.08 Start Date: 2018.07.08 @ 02:58:25 TEST COMMENT: F: BOB in 12 min. 24 1/2* E: No return. FF: BOB in 12 min. 33* FS: No return. FF: BOB in 12 min. 33* FS: No return. FF: BOB in 12 min. 33* FS: No return. Time Off Birr 2018.07.08 @ 02:58:25 TEST COMMENT: F: BOB in 12 min. 34* FS: No return. FF: BOB in 12 min. 35* FS: No return. FF: BOB in 12 min. 35* FS: No return. FF: BOB in 12 min. 24 1/2* B: No return. FF: BOB in 14 min. 38* FS: No return. FF: BOB FS: FS: No return. FF: BOB FS: F	GENERA	L INFORMATION:							
Time Tool Opened: 23:58:25 Time Test Ended: 05:18:25 Time Test Ended: 05:18:25 Time Test Ended: 05:18:25 Time Total Depth: 4120.00 ft (KB) (TVD) Total Depth: 4120.00 ft (KB) (TVD) Total Depth: 28:38 psig @ 4071.00 ft (KB) Serial #: 8166 Press@RunDepth: 282.38 psig @ 4071.00 ft (KB) Start Date: 2018.07.07 End Date: 2018.07.08 Start Time: 21:53:25 End Time: 05:18:25 Time On Bim: 2018.07.08 @ 02:58:25 Time Off Bim: 2018.07.08 @ 02:58:25 Ti			6. (1775)		1000	124220121220			
Total Depth: 4120.00 ft (KB) (TVD) 7.88 InchesHole Condition: Good Serial #: 8166 Inside Press@RunDepth: 282.38 psig @ 4071.00 ft (KB) Sart Date: 2018.07.07 End Date: 2018.07.08 Capacity: 2018.07.08 Capacity: 2018.07.08 Q 02:58:25 Time Off Birn: 2018.07.08 @ 02:58:25 Time Off Birn: 2018.07.08 @ 02:58:25 Time Off Birn: 5: No return. FF: BOB in 14 min. 38" FS: No return. FF: BOB in 14 min. 28" FS: No return. FS: No return.	Time Tool O	pened: 23:58:25	ft (KB)		Te	ster:	Brandon Turle		ole (Initial)
Total Depth: 4120.00 ft (KB) (TVD) 7.88 inchesHole Condition: Good Serial #: 8166 Inside Press@RunDepth: 282.38 psig @ 4071.00 ft (KB) Start Date: 2018.07.07 End Date: 2018.07.08 End Time: 21:53:25 End Time: 05:18:25 Time Off Btm 2018.07.08 @ 02:58:25 TIME OF Btm 2018.07.08 @ 02:58:5	Interval:	4070.00 ft (KB) To 41:	20.00 ft (KB) (TVD)		Re	ference B	evations:	3060.00	ft (KB)
Hele Dameter:       7.88 inchesHole Condition: Good       KB to GR/CF:       7.00 ft         Serial #: 8166       Inside       282.38 psig @ 4071.00 ft (KB)       Capacity:       8000.00 psig         Start Date:       2018.07.07       End Date:       2018.07.08       Last Calib.:       2018.07.08         Start Time:       21:53:25       End Time:       05:18:25       Time Of Bim       2018.07.08 @ 02:58:25         TEST COMMENT:       F: BOB in 12 min. 24 1/2*       E: No return.       F: BOB in 14 min. 38*       FS: No return.         FF: BOB in 14 min. 38*       FS: No return.       F: BOB in 14 min. 38*       PRESSURE SUMMARY       Initial Hydro-static         Image: Start Time       Image: Start Time       Image: Start Time       Image: Start Time       Time Of Formation         Image: Start Comments       F: BOB in 12 min. 24 1/2*       E: No return.       F: BOB in 14 min. 38*       FS: No return.         F: BOB in 14 min. 38*       FS: No return.       Free Sume (new fill Hydro-static Open To Flow (1)       Initial Hydro-static Open To Flow (1)         I117.50       I118.4       Shut-h(1)       I118       282.38       I123.30       Shut-h(2)         I118       282.38       I123.30       Shut-h(2)       Final Hydro-static       Final Hydro-static         I118       I118 </td <td></td> <td>4120.00 ft (KB) (TV</td> <td>D)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>		4120.00 ft (KB) (TV	D)						
Press@RunDepth: 282.38 psig @ 4071.00 ft (KB) Start Date: 2018.07.07 End Date: 2018.07.08 Start Time: 21:53.25 End Time: 2018.07.08 End Time: 2018.07.08 End Time: 2018.07.08 Usat Calib.: 2018.07.08 @ 02:56:25 Time Of Birx 2018.07.08 @ 02:56:25	Hole Diamet	er: 7.88 inchesHole	Condition: Good			KB	to GR/CF:		
Start Date: 2018.07.07 End Date: 2018.07.08 Start Time: 21:53:25 End Time: 2018.07.08 Start Time: 21:53:25 End Time: 2018.07.08 Time On Btm: 2018.07.07 @ 23:55:55 Time Off Btm: 2018.07.08 @ 02:58:25 TEST COMMENT: F: BOB in 12 min. 24 1/2" S: No return. FF: BOB in 14 min. 38" FS: No return. FF: BOB in 14 min. 38" FS: No return. FF: BOB in 12 min. 24 1/2" S: No return. FF: BOB in 12 min. 24 1/2" Final Hydro-static Final Hydro-static Final Hydro-static	Serial #:	8166 Inside							
Start Time: 21:53:25 End Time: 05:18:25 Time Off Birx 2018.07.08 @ 02:58:25 TEST COMMENT: F: BOB in 12 min. 24 1/2" E: No return. FF: BOB in 14 min. 38" FS: No return. Time Off Birx 2018.07.08 @ 02:58:25 Time Off Birx 2018.07.08 @ 02:58:25 Bir BOB in 14 min. 38" FS: No return. F: BOB in 14 min. 38" FS: No return. F: BOB in 14 min. 38" FS: No return. F: BOB in 14 min. 38" FS: No return. Final Hydro-static 113.79 Open To Flow (1) 118.14 Stati-hr(1) Eds Call 1174.35 119.94 Intial Hydro-static Intial Hydro-static					Capacity	y:		8000.00	psig
TEST COMMENT: F: BOB in 12 min. 24 1/2" E: No return. F: BOB in 14 min. 38" FS: No return. The Off Btrr 2018.07.08 @ 02:58:25 Time Off Btrr 2018.07.08 @ 0									
TEST COMMENT: F: BOB in 12 min. 24 1/2" S: No return. F: BOB in 14 min. 38" FS: No return.		21.00.25	ena time:	05:18:25					
183 1959.26 122.46 Final Hydro-static				(Min.)	Pressure (psig)	Temp (deg F)	Annotation		
Recovery         Gas Rates           Length (ft)         Description         Volume (bbl)         Chole (inches)         Pressure (psig)         Gas Rate (McM           126.00         mcw 95%w 5%m         0.67         1.14 BBL         Gas Rate (McM           189.00         mcw 90%w 10%m         2.65         Tof W         7.14 BBL	-			(Min.) (Min.)	Pressure (psig) 1997.42 50.08 144.25 1178.50 149.52 282.38	Temp (deg F) 113.02 113.79 118.14 119.94 119.64 123.30	Annotation Initial Hydro- Open To Flow Shut-In(1) End Shut-In(1) Open To Flow Shut-In(2)	static w (1) 1) w (2)	
Length (ft)         Description         Volume (bbl)           126.00         mcw 95%w 5%m         0.67           189.00         mcw 90%w 10%m         2.65				(Min.) (Min.)	Pressure (psig) 1997.42 50.08 144.25 1178.50 149.52 282.38 1174.35	Temp (deg F) 113.02 113.79 118.14 119.94 119.64 123.30 122.53	Annotation Initial Hydro- Open To Flow Shut-In(1) End Shut-In(1) Open To Flow Shut-In(2) End Shut-In(2)	static w (1) 1) w (2) 2)	
120.00 mcw 95%w 5%m 0.67 189.00 mcw 90%w 10%m 2.65		Recovery		(Min.) (Min.)	Pressure (psig) 1997.42 50.08 144.25 1178.50 149.52 282.38 1174.35 1959.26	Temp (deg F) 113.02 113.79 118.14 119.94 119.64 123.30 122.53 122.46	Annotation Initial Hydro- Open To Flow Shut-In(1) End Shut-In(2) End Shut-In(2) End Shut-In(2) Final Hydro-s	static w (1) 1) w (2) 2)	
105.00 Incw 90%W 10%m 2.65	Longih (ft)	Billion Temploon		(Min.) (Min.)	Pressure (psig) 1997.42 50.08 144.25 1178.50 149.52 282.38 1174.35 1959.26	Temp (deg F) 113.02 113.79 118.14 119.94 119.64 123.30 122.53 122.46	Annotation Initial Hydro- Open To Flow Shut-In(1) End Shut-In(2) End Shut-In(2) Final Hydro-s	static w (1) 1) w (2) 2) static	es Rate (McRd)
189.00 googy = 5% a 10% a 10% a 10% a 25% - 0.25	Length (II) 126.00	Billion Transformer		(Min.) (Min.)	Pressure (psig) 1997.42 50.08 144.25 1178.50 149.52 282.38 1174.35 1959.26	Temp (deg F) 113.02 113.79 118.14 119.94 119.64 123.30 122.53 122.46	Annotation Initial Hydro- Open To Flow Shut-In(1) End Shut-In(2) End Shut-In(2) Final Hydro-s	static w (1) 1) w (2) 2) static	ss Rate (McSR)
126.00         go 10%g 90%o         1.77         1.035         e10	Length (ft) 126.00	Recovery Description mcw 95%w 5%m mcw 90%w 10%m		(Min.) (Min.)	Pressure (psig) 1997.42 50.08 144.25 1178.50 149.52 282.38 1174.35 1959.26	Temp (deg F) 113.02 113.79 118.14 119.94 119.64 123.30 122.53 122.46	Annotation Initial Hydro- Open To Flow Shut-In(1) End Shut-In(2) End Shut-In(2) Final Hydro-s	static w (1) 1) w (2) 2) static	s Rate (McRd)
126.00         go 10%g 90%o         1.77           0.00         126 GIP         0.00         5.765 / wTL           5.765 / wTL         18,57874 / 24,46,6 oil         124,4 / 24,46 / 31,4 / 44,6 oil           Trilobite Testing, Inc         Ref. No: 63886         Printed: 2018.07.08 @ 05:25:35	Lengih (ft) 126.00 189.00	Recovery Description mcw 90%w 10%m gocw m 5%g 10%o 10%w		(Min.) (Min.)	Pressure (psig) 1997.42 50.08 144.25 1178.50 149.52 282.38 1174.35 1959.26	Temp (deg F) 113.02 113.79 118.14 119.94 123.30 122.53 122.46 Ga Chole (i	Annotation Initial Hydro- Open To Flow Shut-In(1) End Shut-In(2) End Shut-In(2) End Shut-In(2) Final Hydro-s	static w (1) 1) w (2) 2) static	

Printed: 2018.07.08 @ 05:25:36

Pressure (psig) Jul 2018 1500 -1750 2000 1250 250 500 750 0 314 4 8166 Pressure 8 Sun Initial Hydro-static To Flow(1) hut-In( Pressure vs. Time nd Shut-In(1) Time (Hours) o Flow(2) ihut-In(2) 3AM Final Hydro-static nd Shut-8166 Temperature ST ST TITISHIN Productic  $\bigtriangledown$ 383 65 80 85 70 75 Temperature (deg F) 8 105 110 115 125 120

Trilobite Testing, Inc

Ref. No: 63886

Serial #: 8166 Inside

Blake Exploration

Schmitt#1

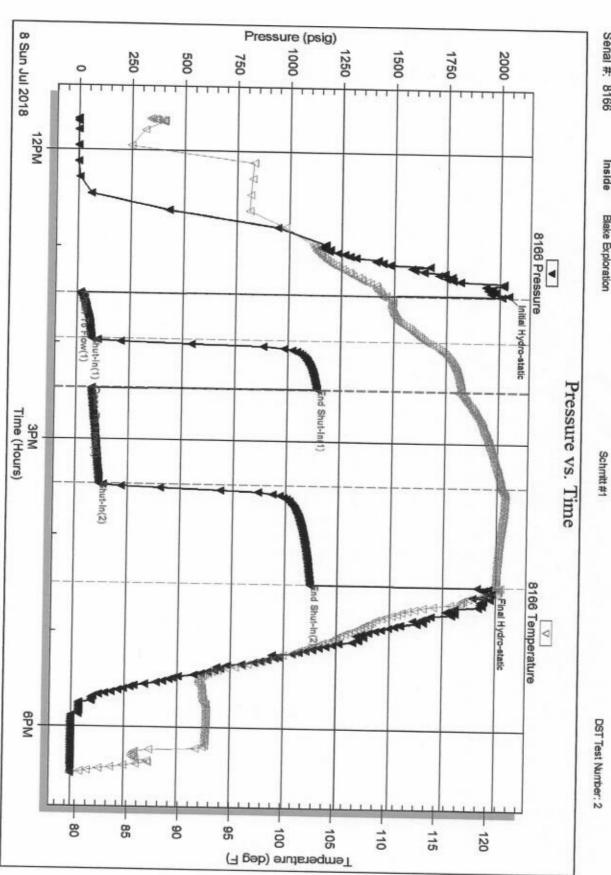
DST Test Number: 1

1=1)	RILOBITE	Blake Exploration			11	11c-32w	Logan, H	(S	
	ESTING , INC								
	Lound, no	201 S Main Bogue, Ks 67625				nmitt #1			
					Job	Ticket: 63	3887	DST#:2	
		ATTN: Mike Dav	ignon		Test	Start: 20	018.07.08 @	11:40:14	
ENERAL	INFORMATION:		04						
ormation:	LKC E-F	6.000			-	_			
	No Whipstock: ened: 13:28:44 ded: 18:29:14	ft (KB)			Test Test Unit	ier: I	Conventiona Brandon Tur 79	al Bottom Hol rley	e (Reset)
terval:	4115.00 ft (KB) To 41	140.00 ft (KB) (TVD	6		Refe	erence Ele	evations:	3060.00	ft (KB)
stal Depth:	4140.00 ft (KB) (T)		,		1 401 4			3053.00	
ole Diamete	r: 7.88 inchesHole	e Condition: Good				KB t	to GR/CF:	7.00	ft
erial #:									
ess@RunL	PRESERVE STREET STREET		KB)		Capacity:			8000.00	psig
art Date: art Time:	2018.07.08 11:40:14	End Date: End Time:		2018.07.08 18:29:14	Last Calit Time On I	99	2018.07.08	2018.07.08	
		DIG TITE.		10.20.14	Time Off	53000 S	2018.07.08		
	IS: Surface blow FF: BOB in 30 mi FS: Surface blow Pressare vs. 1	in. 19" v built to 1.		1	PF	RESSUR	RE SUMM	ARY	
	FF: BOB in 30 mi	in. 19"							
	FF: BOB in 30 mi FS: Surface blow Pressare vs. 1	in. 19" v built to 1.		1	PF	RESSUR	RE SUMM	ARY	
- F	FF: BOB in 30 mi FS: Surface blow	in. 19" v built to 1.	<b>3</b>	Time	Pressure	Temp	RE SUMM	0.000.000	
E	FF: BOB in 30 mi FS: Surface blow Pressare vs. 1	in. 19" v built to 1.		Time (Min.) 0			Annotatio	n	
-	FF: BOB in 30 mi FS: Surface blow Pressare vs. 1	in. 19" v built to 1.		(Min.)	Pressure (psig)	Temp (deg F) 109.24 109.31	Annotation Initial Hydro Open To F	on o-static low (1)	
-	FF: BOB in 30 mi FS: Surface blow Pressare vs. 1	in. 19" v built to 1.		(Min.) 0 2 30	Pressure (psig) 2039.67 15.24 68.83	Temp (deg F) 109.24 109.31 113.73	Annotation Initial Hydro Open To F Shut-In(1)	on o-static low (1)	
B	FF: BOB in 30 mi FS: Surface blow Pressare vs. 1	in. 19" v built to 1.		(Min.) 0 2 30 61	Pressure (psig) 2039.67 15.24 68.83 1139.94	Temp (deg F) 109.24 109.31 113.73 117.17	Annotation Initial Hydro Open To F Shut-In(1) End Shut-I	on o-static low (1) n(1)	
•	FF: BOB in 30 mi FS: Surface blow Pressare vs. 1	in. 19" v built to 1.		(Min.) 0 2 30 61 61	Pressure (psig) 2039.67 15.24 68.83	Temp (deg F) 109.24 109.31 113.73 117.17 116.85	Annotation Initial Hydro Open To F Shut-In(1) End Shut-In Open To F	on o-static low (1) n(1) low (2)	
	FF: BOB in 30 mi FS: Surface blow Pressare vs. 1	in. 19" v built to 1.		(Min.) 0 2 30 61 61 121 121 183	Pressure (psig) 2039.67 15.24 68.83 1139.94 74.07	Temp (deg F) 109.24 109.31 113.73 117.17 116.85 121.19	Annotation Initial Hydro Open To F Shut-In(1) End Shut-I	on o-static low (1) n(1) low (2)	
	FF: BOB in 30 mi FS: Surface blow	in. 19" v built to 1.		(Min.) 0 2 30 61 61 121	Pressure (psig) 2039.67 15.24 68.83 1139.94 74.07 114.02	Temp (deg F) 109.24 109.31 113.73 117.17 116.85 121.19 120.81	Annotation Initial Hydro Open To F Shut-In(1) End Shut-In Open To F Shut-In(2)	on o-static low (1) n(1) low (2) n(2)	
	FF: BOB in 30 mi FS: Surface blow	in. 19" v built to 1.		(Min.) 0 2 30 61 61 121 183	Pressure (psig) 2039.67 15.24 68.83 1139.94 74.07 114.02 1120.89	Temp (deg F) 109.24 109.31 113.73 117.17 116.85 121.19 120.81	Annotation Open To F Shut-In(1) End Shut-II Open To F Shut-In(2) End Shut-II	on o-static low (1) n(1) low (2) n(2)	
	FF: BOB in 30 mi FS: Surface blow	in. 19" v built to 1.		(Min.) 0 2 30 61 61 121 183	Pressure (psig) 2039.67 15.24 68.83 1139.94 74.07 114.02 1120.89	Temp (deg F) 109.24 109.31 113.73 117.17 116.85 121.19 120.81	Annotation Open To F Shut-In(1) End Shut-II Open To F Shut-In(2) End Shut-II	on o-static low (1) n(1) low (2) n(2)	
	FF: BOB in 30 mi FS: Surface blow	in. 19" v built to 1.		(Min.) 0 2 30 61 61 121 183	Pressure (psig) 2039.67 15.24 68.83 1139.94 74.07 114.02 1120.89	Temp (deg F) 109.24 109.31 113.73 117.17 116.85 121.19 120.81	Annotation Open To F Shut-In(1) End Shut-II Open To F Shut-In(2) End Shut-II	on o-static low (1) n(1) low (2) n(2)	
	FF: BOB in 30 mi FS: Surface blow	in. 19" v built to 1.		(Min.) 0 2 30 61 61 121 183	Pressure (psig) 2039.67 15.24 68.83 1139.94 74.07 114.02 1120.89	Temp (deg F) 109.24 109.31 113.73 117.17 116.85 121.19 120.81	Annotation Open To F Shut-In(1) End Shut-II Open To F Shut-In(2) End Shut-II	on o-static low (1) n(1) low (2) n(2)	
	FF: BOB in 30 mi FS: Surface blow	in. 19" v built to 1.		(Min.) 0 2 30 61 61 121 183	Pressure (psig) 2039.67 15.24 68.83 1139.94 74.07 114.02 1120.89	Temp (deg F) 109.24 109.31 113.73 117.17 116.85 121.19 120.81 121.05	Annotation Open To F Shut-In(1) End Shut-II Open To F Shut-In(2) End Shut-II	on o-static low (1) n(1) low (2) n(2)	
	FF: BOB in 30 mi FS: Surface blow	in. 19" v built to 1.		(Min.) 0 2 30 61 61 121 183	Pressure (psig) 2039.67 15.24 68.83 1139.94 74.07 114.02 1120.89	Temp (deg F) 109.24 109.31 113.73 117.17 116.85 121.19 120.81 121.05	Annotation Open To F Shut-In(1) End Shut-In Open To F Shut-In(2) End Shut-In Final Hydro	o-static low (1) n(1) low (2) n(2) o-static	s Rate (Mct/d)
Length (8)	FF: BOB in 30 mi FS: Surface blow	in. 19" v built to 1.		(Min.) 0 2 30 61 121 183 183 184	Pressure (psig) 2039.67 15.24 68.83 1139.94 74.07 114.02 1120.89 1965.47	Temp (deg F) 109.24 109.31 113.73 117.17 116.85 121.19 120.81 121.05 Gas Chole (i	Annotation Open To F Shut-In(1) End Shut-In Open To F Shut-In(2) End Shut-In Final Hydro s Rates	on o-static low (1) n(1) low (2) n(2) o-static	
Length (#)	FF: BOB in 30 mi FS: Surface blow	in. 19" v built to 1.	are (bbl)	(Min.) 0 2 30 61 121 183 183 184	Pressure (psig) 2039.67 15.24 68.83 1139.94 74.07 114.02 1120.89 1965.47	Temp (deg F) 109.24 109.31 113.73 117.17 116.85 121.19 120.81 121.05 Gas Chole (i	Annotation Open To F Shut-In(1) End Shut-In Open To F Shut-In(2) End Shut-In Final Hydro s Rates	on o-static low (1) n(1) low (2) n(2) o-static	
Length (11) 126.00	FF: BOB in 30 mi FS: Surface blow	in. 19" v built to 1.	arme (bbl)	(Min.) 0 2 30 61 121 183 183 184	Pressure (psig) 2039.67 15.24 68.83 1139.94 74.07 114.02 1120.89 1965.47	Temp (deg F) 109.24 109.31 113.73 117.17 116.85 121.19 120.81 121.05 Gas Chole (i	Annotation Open To F Shut-In(1) End Shut-In Open To F Shut-In(2) End Shut-In Final Hydro s Rates	on o-static low (1) n(1) low (2) n(2) o-static	s Rate (Melid)
Length (8) 126.00 31.00	FF: BOB in 30 mi FS: Surface blow	in. 19" v built to 1.	arre (bbl) 77 3 22	(Min.) 0 2 30 61 121 183 183 184	Pressure (psig) 2039.67 15.24 68.83 1139.94 74.07 114.02 1120.89 1965.47	Temp (deg F) 109.24 109.31 113.73 117.17 116.85 121.19 120.81 121.05 Gas Chole (i	Annotation Open To F Shut-In(1) End Shut-In Open To F Shut-In(2) End Shut-In Final Hydro s Rates	on o-static low (1) n(1) low (2) n(2) o-static	
	FF: BOB in 30 mi FS: Surface blow	in. 19" v built to 1.	arre (bbl) 77 3 22	(Min.) 0 2 30 61 121 183 183 184	Pressure (psig) 2039.67 15.24 68.83 1139.94 74.07 114.02 1120.89	Temp (deg F) 109.24 109.31 113.73 117.17 116.85 121.19 120.81 121.05 Gas Chole (i	Annotation Open To F Shut-In(1) End Shut-In Open To F Shut-In(2) End Shut-In Final Hydro s Rates	on o-static low (1) n(1) low (2) n(2) o-static	

Printed: 2018.07.08 @ 18:33:27

Ref. No: 63887

Trilobite Testing, Inc



.

Serial #: 8166

Inside Blake Exploration

RILOBITE	Blake Exploration		11-	11s-32w	Logan,	KS	
ESTING, INC	201 S Main						
	Bogue, Ks 67625			hmitt #1		1111112	
	ATTN: Mike Davignon		10 - 27 - 17 - 17 - 17 - 17 - 17 - 17 - 17	Ticket: 63	3888 018.07.09 (	DST#:	3
			100		010.01.00 @	3 0 1.01 .20	
SENERAL INFORMATION:							
eviated: No Whipstock:	ft (KB)		Test	t Type:	Convention	al Bottom H	nle (Recet)
me Tool Opened: 06:45:23			Tes		Brandon Tu		000 (100001)
me Test Ended: 11:03:53			Unit	No:	79	7.0	
iterval: 4175.00 ft (KB) To 4			Refe	erence Be	evations:	3060.00	) ft (KB)
otal Depth: 4220.00 ft (KB) (T	VD)					3053.00	) ft (CF)
ole Diameter: 7.88 inchesHol	e Condition: Good			KBt	to GR/CF:	7.00	) ft
erial #: 8166 Inside							
ress@RunDepth: 747.88 psig	-		Capacity			8000.00	) psig
tart Date: 2018.07.09 tart Time: 04:57:23	End Date:	2018.07.09	Last Calif	States		2018.07.09	
tart Time: 04:57:23	End Time:	11:03:53	Time On I Time Off	733253		@ 06:43:53	
IS: No return. FF: BOB in 3 mir FS: No return.	n. 54"		PE	DESCIE			
IS: No return. FF: BOB in 3 mir							
IS: No return. FF: BOB in 3 mir FS: No return. Pressare vs. 7	1. 54" Time		PF	RESSUF	RE SUMM	IARY	
IS: No return. FF: BOB in 3 mir FS: No return.	n. 54"	Time	Pressure	Temp	RE SUMM	1000000000	
IS: No return. FF: BOB in 3 mir FS: No return. Pressare vs. 7	1. 54" Time	s (Min.)	Pressure (psig)	Temp (deg F)	Annotati	ion	
IS: No return. FF: BOB in 3 mir FS: No return. Pressare vs. 7	1. 54" Time	-= (Min.) -= 0 2	Pressure (psig) 2088.15	Temp (deg F) 111.96	Annotati Initial Hydr	ion ro-static	
IS: No return. FF: BOB in 3 mir FS: No return.	1. 54" Time	s (Min.)	Pressure (psig)	Temp (deg F)	Annotati Initial Hydr Open To I	ion ro-static Flow (1)	
IS: No return. FF: BOB in 3 mir FS: No return. Pressare vs. 7	1. 54" Time	(Min.) (Min.)	Pressure (psig) 2088.15 143.10 595.68 1098.73	Temp (deg F) 111.96 111.84 126.47 125.56	Annotati Initial Hydr Open To I Shut-In(1) End Shut-	ion ro-static Flow (1) ) In(1)	
IS: No return. FF: BOB in 3 mir FS: No return.	1. 54" Time	(Min.) (Min.) 0 2 30 61 61 61	Pressure (psig) 2088.15 143.10 595.68 1098.73 608.96	Temp (deg F) 111.96 111.84 126.47 125.56 125.39	Annotati Initial Hydr Open To I Shut-In(1) End Shut- Open To I	ion ro-static Flow (1) ) In(1) Flow (2)	
IS: No return. FF: BOB in 3 mir FS: No return.	1. 54" Time	(Min.) (Min.) (Min.) 2 30 61 61 61 76	Pressure (psig) 2088.15 143.10 595.68 1098.73 608.96 747.88	Temp (deg F) 111.96 111.84 126.47 125.56 125.39 126.36	Annotati Initial Hydr Open To I Shut-In(1) End Shut- Open To I Shut-In(2)	ion ro-static Flow (1) ) In(1) Flow (2)	
IS: No return. FF: BOB in 3 mir FS: No return.	1. 54" Time	(Min.) 0 2 30 61 61 61 76 92	Pressure (psig) 2088.15 143.10 595.68 1098.73 608.96 747.88 1092.67	Temp (deg F) 111.96 111.84 126.47 125.56 125.39 126.36 126.10	Annotati Initial Hydr Open To I Shut-In(1) End Shut- Open To I Shut-In(2) End Shut-	ion ro-static Flow (1) ) In(1) Flow (2) ) In(2)	
IS: No return. FF: BOB in 3 mir FS: No return.	1. 54" Time	(Min.) (Min.) (Min.) 2 30 61 61 61 76	Pressure (psig) 2088.15 143.10 595.68 1098.73 608.96 747.88	Temp (deg F) 111.96 111.84 126.47 125.56 125.39 126.36 126.10	Annotati Initial Hydr Open To I Shut-In(1) End Shut- Open To I Shut-In(2)	ion ro-static Flow (1) ) In(1) Flow (2) ) In(2)	
IS: No return. FF: BOB in 3 mir FS: No return. Pressare vs. 7	1. 54" Time	(Min.) 0 2 30 61 61 61 76 92	Pressure (psig) 2088.15 143.10 595.68 1098.73 608.96 747.88 1092.67	Temp (deg F) 111.96 111.84 126.47 125.56 125.39 126.36 126.10	Annotati Initial Hydr Open To I Shut-In(1) End Shut- Open To I Shut-In(2) End Shut-	ion ro-static Flow (1) ) In(1) Flow (2) ) In(2)	
IS: No return. FF: BOB in 3 mir FS: No return. Pressare vs. 7	1. 54" Time	(Min.) 0 2 30 61 61 61 76 92	Pressure (psig) 2088.15 143.10 595.68 1098.73 608.96 747.88 1092.67	Temp (deg F) 111.96 111.84 126.47 125.56 125.39 126.36 126.10	Annotati Initial Hydr Open To I Shut-In(1) End Shut- Open To I Shut-In(2) End Shut-	ion ro-static Flow (1) ) In(1) Flow (2) ) In(2)	
IS: No return. FF: BOB in 3 mir FS: No return.	Time I Time	(Min.) 0 2 30 61 61 61 76 92	Pressure (psig) 2088.15 143.10 595.68 1098.73 608.96 747.88 1092.67	Temp (deg F) 111.96 111.84 126.47 125.56 125.39 126.36 126.10	Annotati Initial Hydr Open To I Shut-In(1) End Shut- Open To I Shut-In(2) End Shut-	ion ro-static Flow (1) ) In(1) Flow (2) ) In(2)	
IS: No return. FF: BOB in 3 mir FS: No return.	Time I Time	(Min.) 0 2 30 61 61 61 76 92	Pressure (psig) 2088.15 143.10 595.68 1098.73 608.96 747.88 1092.67	Temp (deg F) 111.96 111.84 126.47 125.56 125.39 126.36 126.10 125.22	Annotati Open To I Shut-In(1) End Shut- Open To I Shut-In(2) End Shut- Final Hydr	ion ro-static Flow (1) ) In(1) Flow (2) ) In(2)	
IS: No return. FF: BOB in 3 mir FS: No return.	Time I Time	(Min.) 0 2 30 61 61 61 76 92	Pressure (psig) 2088.15 143.10 595.68 1098.73 608.96 747.88 1092.67	Temp (deg F) 111.96 111.84 126.47 125.56 125.39 126.36 126.10 125.22 Gas	Annotati Initial Hydr Open To I Shut-In(1) End Shut- Open To I Shut-In(2) End Shut- Final Hydr	ion ro-static Flow (1) ) In(1) Flow (2) ) In(2) ro-static	Sans Rate (Mcf/M
IS: No return. FF: BOB in 3 mir FS: No return.	Time:	(Min.) 0 2 30 61 61 61 76 92 93 	Pressure (psig) 2088.15 143.10 595.68 1098.73 608.96 747.88 1092.67 1981.73	Temp (deg F) 111.96 111.84 126.47 125.56 125.39 126.36 126.10 125.22 Ga: Chole (i	Annotati Initial Hydr Open To I Shut-In(1) End Shut- Open To I Shut-In(2) End Shut- Final Hydr s Rates	ion ro-static Flow (1) ) In(1) Flow (2) ) In(2) ro-static	ias Rata (Mctid
IS: No return. FF: BOB in 3 mir FS: No return.	N. 54"	(Min.) 0 2 30 61 61 61 76 92 93 	Pressure (psig) 2088.15 143.10 595.68 1098.73 608.96 747.88 1092.67 1981.73	Temp (deg F) 111.96 111.84 126.47 125.56 125.39 126.36 126.10 125.22 Ga: Chole (i	Annotati Initial Hydr Open To I Shut-In(1) End Shut- Open To I Shut-In(2) End Shut- Final Hydr s Rates	ion ro-static Flow (1) ) In(1) Flow (2) ) In(2) ro-static	Sas Rate (McDd
IS: No return. FF: BOB in 3 mir FS: No return.	Element Time: Total Time Total Time To	(Min.) 0 2 30 61 61 61 76 92 93 	Pressure (psig) 2088.15 143.10 595.68 1098.73 608.96 747.88 1092.67 1981.73	Temp (deg F) 111.96 111.84 126.47 125.56 125.39 126.36 126.10 125.22 Ga: Chole (i	Annotati Initial Hydr Open To I Shut-In(1) End Shut- Open To I Shut-In(2) End Shut- Final Hydr s Rates	ion ro-static Flow (1) ) In(1) Flow (2) ) In(2) ro-static	Sas Rate (Mctid
IS: No return. FF: BOB in 3 mir FS: No return.	N. 54"	(Min.) 0 2 30 61 61 61 76 92 93 	Pressure (psig) 2088.15 143.10 595.68 1098.73 608.96 747.88 1092.67 1981.73	Temp (deg F) 111.96 111.84 126.47 125.56 125.39 126.36 126.10 125.22 Ga: Chole (i	Annotati Initial Hydr Open To I Shut-In(1) End Shut- Open To I Shut-In(2) End Shut- Final Hydr s Rates	ion ro-static Flow (1) ) In(1) Flow (2) ) In(2) ro-static	ias Rale (Mctid
FF: BOB in 3 mir FS: No return.	N. 54"	(Min.) 0 2 30 61 61 61 76 92 93 	Pressure (psig) 2088.15 143.10 595.68 1098.73 608.96 747.88 1092.67	Temp (deg F) 111.96 111.84 126.47 125.56 125.39 126.36 126.10 125.22 Ga: Chole (i	Annotati Initial Hydr Open To I Shut-In(1) End Shut- Open To I Shut-In(2) End Shut- Final Hydr s Rates	ion ro-static Flow (1) ) In(1) Flow (2) ) In(2) ro-static	Sas Rate (McDid

Ref. No: 63888

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Trilobite Testing, Inc

9 Mon Jul 2018 1000 1250 1750 -2000 -250 1500 500 750 0 6AM × open To Flow(1) K ki -hut-In(1) Time (Hours) ind Shut pen To Flov/(2) Final Hydro-static 9AM R.ST. 75 8 85 8 Temperature (deg F) 95 115 110 125 120

Pressure (psig)

Serial #: 8166 Inside

Blake Exploration

8166 Pressure

Initial Hydro-static

Schmitt #1

Pressure vs. Time

DST Test Number: 3

Printed: 2018.07.09 @ 11:14:56

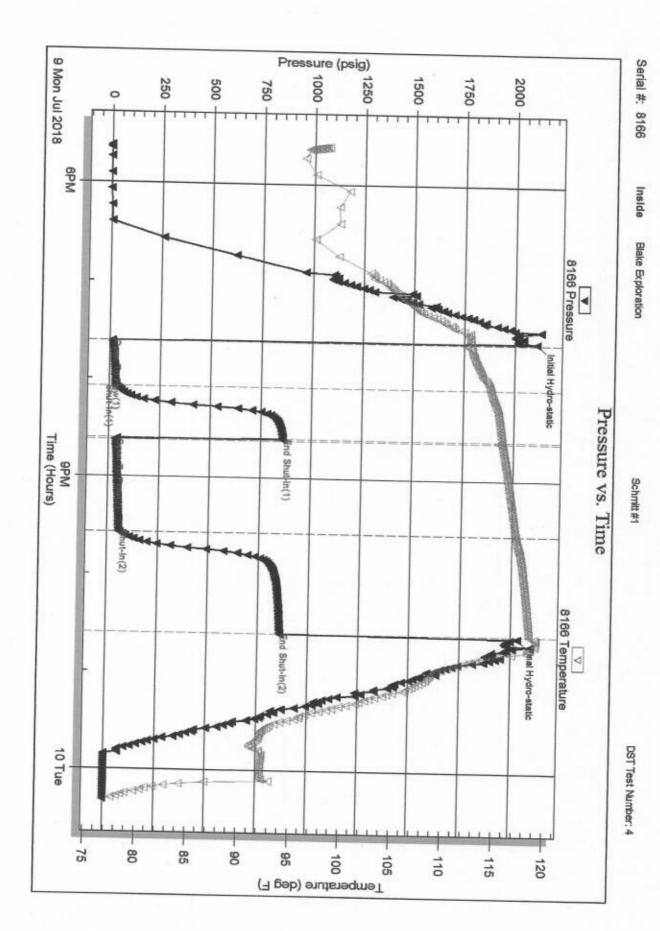
Ref. No: 63888

RILOBITE	DRILL STEM TE		Constant of the second s				
TESTING, IN	Blake Exploration		11-	11s-32w	/ Logan,	KS	
Loning, in	201 S Main Bogue, Ks 67625		Scl	hmitt #1			
	Logue, Na 07025		Job	Ticket: 63	3889	DST	#:4
A CONTRACTOR	ATTN: Mike Davignon		Tes	t Start: 20	018.07.09 @	0 17:36:30	)
GENERAL INFORMATION:							
Formation: LKC I Deviated: No Whipstock	6 (IZD)		-				
Time Tool Opened: 19:36:30	c ft (KB)		Tes		Conventiona Brandon Tu		Hole (Reset)
Time Test Ended: 00:18:30			1000	2003	79	iloy	
Interval: 4220.00 ft (KB) To	4240.00 ft (KB) (TVD)		Refe	erence Be	evations:	3060.	00 ft (KB)
Total Depth: 4240.00 ft (KB)							00 ft (CF)
Hole Diameter: 7.88 inchesH	lole Condition: Good			KB	to GR/CF:	7.	00 ft
Serial #: 8166 Inside			226.0				
Press@RunDepth: 57.65 psig Start Date: 2018.07.09			Capacity				00 psig
Start Date: 2018.07.09 Start Time: 17:36:30		2018.07.10 00:18:30	Last Calil Time On I	535 - C - C - C - C - C - C - C - C - C -	2010 07 00	2018.07.	0.014
		00.10.30	Time Off		2018.07.09 2018.07.09		
FS: No return.	s. Time	1	PF	RESSUR	RE SUMM	ARY	
FS: No return.							
Pressare w	s. Time	1	PF	RESSUR	RE SUMM	ARY	
		Time	Pressure	RESSUF	RE SUMM	110000	
Pressare w	s. Time	(Min.)	Pressure (psig)	Temp (deg F)	Annotatio	n	
Pressare w	s. Time		Pressure	Temp (deg F) 112.41	Annotatio	on o-static	
	s. Time	(Min.) 0 1 29	Pressure (psig) 2109.33 13.34 31.45	Temp (deg F) 112.41 111.89 114.39	Annotation Initial Hydro Open To F Shut-In(1)	on o-static łow (1)	
	s. Time	(Min.) 0 1 29 61	Pressure (psig) 2109.33 13.34 31.45 859.15	Temp (deg F) 112.41 111.89 114.39 115.59	Annotation Initial Hydr Open To F Shut-In(1) End Shut-I	on o-static ilow (1) n(1)	
	s. Time	(Min.) 0 1 29	Pressure (psig) 2109.33 13.34 31.45 859.15 33.18	Temp (deg F) 112.41 111.89 114.39 115.59 115.47	Annotation Initial Hydro Open To F Shut-In(1) End Shut-I Open To F	on o-static iow (1) n(1) iow (2)	
	s. Time	(Min.) 0 1 29 61 62 62 119 180	Pressure (psig) 2109.33 13.34 31.45 859.15	Temp (deg F) 112.41 111.89 114.39 115.59 115.47 117.07	Annotation Initial Hydr Open To F Shut-In(1) End Shut-In Open To F Shut-In(2)	on o-static iow (1) n(1) low (2)	
	s. Time	(Min.) 0 1 29 61 62 119	Pressure (psig) 2109.33 13.34 31.45 859.15 33.18 57.65	Temp (deg F) 112.41 111.89 114.39 115.59 115.47 117.07 118.51	Annotation Initial Hydro Open To F Shut-In(1) End Shut-I Open To F	o-static low (1) n(1) low (2) n(2)	
	s. Time	(Min.) 0 1 29 61 62 119 180	Pressure (psig) 2109.33 13.34 31.45 859.15 33.18 57.65 857.59	Temp (deg F) 112.41 111.89 114.39 115.59 115.47 117.07 118.51	Annotatik Initial Hydr Open To F Shut-In(1) End Shut-I Open To F Shut-In(2) End Shut-I	o-static low (1) n(1) low (2) n(2)	
	s. Time	(Min.) 0 1 29 61 62 119 180	Pressure (psig) 2109.33 13.34 31.45 859.15 33.18 57.65 857.59	Temp (deg F) 112.41 111.89 114.39 115.59 115.47 117.07 118.51	Annotatik Initial Hydr Open To F Shut-In(1) End Shut-I Open To F Shut-In(2) End Shut-I	o-static low (1) n(1) low (2) n(2)	
	s. Time	(Min.) 0 1 29 61 62 119 180	Pressure (psig) 2109.33 13.34 31.45 859.15 33.18 57.65 857.59	Temp (deg F) 112.41 111.89 114.39 115.59 115.47 117.07 118.51	Annotatik Initial Hydr Open To F Shut-In(1) End Shut-I Open To F Shut-In(2) End Shut-I	o-static low (1) n(1) low (2) n(2)	
	s. Time	(Min.) 0 1 29 61 62 119 180	Pressure (psig) 2109.33 13.34 31.45 859.15 33.18 57.65 857.59	Temp (deg F) 112.41 111.89 114.39 115.59 115.47 117.07 118.51	Annotatik Initial Hydr Open To F Shut-In(1) End Shut-I Open To F Shut-In(2) End Shut-I	o-static low (1) n(1) low (2) n(2)	
Pressure vertication of the second se	s. Time	(Min.) 0 1 29 61 62 119 180	Pressure (psig) 2109.33 13.34 31.45 859.15 33.18 57.65 857.59	Temp (deg F) 112.41 111.89 114.39 115.59 115.47 117.07 118.51 119.06	Annotatik Initial Hydr Open To F Shut-In(1) End Shut-I Open To F Shut-In(2) End Shut-I	o-static low (1) n(1) low (2) n(2)	
Pressure ve million	S. Time:	(Min.) 0 1 29 61 62 119 180	Pressure (psig) 2109.33 13.34 31.45 859.15 33.18 57.65 857.59	Temp (deg F) 112.41 111.89 114.39 115.59 115.47 117.07 118.51 119.06	Annotatik Initial Hydr Open To F Shut-In(1) End Shut-I Open To F Shut-In(2) End Shut-I Final Hydro	o-static low (1) n(1) low (2) n(2) o-static	Gas Rate (Mclid)
Pressure versions of the second secon	s. Time Time Volume (bbl) 6m 0.44	(Min.) 0 1 29 61 62 119 180	Pressure (psig) 2109.33 13.34 31.45 859.15 33.18 57.65 857.59	Temp (deg F) 112.41 111.89 114.39 115.59 115.47 117.07 118.51 119.06	Annotatik Initial Hydr Open To F Shut-In(1) End Shut-I Open To F Shut-In(2) End Shut-I Final Hydro	o-static low (1) n(1) low (2) n(2) o-static	Gas Rate (McRd)
Pressure ve million	S. Time:	(Min.) 0 1 29 61 62 119 180	Pressure (psig) 2109.33 13.34 31.45 859.15 33.18 57.65 857.59	Temp (deg F) 112.41 111.89 114.39 115.59 115.47 117.07 118.51 119.06	Annotatik Initial Hydr Open To F Shut-In(1) End Shut-I Open To F Shut-In(2) End Shut-I Final Hydro	o-static low (1) n(1) low (2) n(2) o-static	Gas Rate (McDd)
Pressure versions of the second secon	s. Time Time Volume (bbl) 6m 0.44	(Min.) 0 1 29 61 62 119 180	Pressure (psig) 2109.33 13.34 31.45 859.15 33.18 57.65 857.59	Temp (deg F) 112.41 111.89 114.39 115.59 115.47 117.07 118.51 119.06	Annotatik Initial Hydr Open To F Shut-In(1) End Shut-I Open To F Shut-In(2) End Shut-I Final Hydro	o-static low (1) n(1) low (2) n(2) o-static	Gas Rale (McDd)
Pressure versions of the second secon	s. Time Time Volume (bbl) 6m 0.44	(Min.) 0 1 29 61 62 119 180	Pressure (psig) 2109.33 13.34 31.45 859.15 33.18 57.65 857.59	Temp (deg F) 112.41 111.89 114.39 115.59 115.47 117.07 118.51 119.06	Annotatik Initial Hydr Open To F Shut-In(1) End Shut-I Open To F Shut-In(2) End Shut-I Final Hydro	o-static low (1) n(1) low (2) n(2) o-static	Gas Rate (McI/d)
Pressure versions of the second secon	s. Time Time Volume (bbl) 6m 0.44	(Min.) 0 1 29 61 62 119 180	Pressure (psig) 2109.33 13.34 31.45 859.15 33.18 57.65 857.59	Temp (deg F) 112.41 111.89 114.39 115.59 115.47 117.07 118.51 119.06	Annotatik Initial Hydr Open To F Shut-In(1) End Shut-I Open To F Shut-In(2) End Shut-I Final Hydro	o-static low (1) n(1) low (2) n(2) o-static	Gas Rate (McDd)

Trilobite Testing, Inc

Ref. No: 63889

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	RILOBITE	Blake Exploration			11-1	1s-32w	Logan, K	S	
	ESTING , INC				Cab	mitt #1			
	Lound, no	201 S Main Bogue, Ks 67625				ficket: 638	200	DST#:5	
MON.		ATTN: Mike Davi	ignon		Test	Start: 201	18.07.10 @	07:51:50	
ENERAL	INFORMATION:								
rmation:	LKC J				Toot	Type: C	onventional	Bottom Hol	e (Reset)
eviated:	No Whipstock: ened: 09:33:20	ft (KB)			Test		andon Tur		
	ded: 14:04:50				Unit		9		
terval:	4245.00 ft (KB) To 42	270.00 ft (KB) (TVD	0		Refe	rence Elev	vations:	3060.00	ft (KB)
tal Depth:	4270.00 ft (KB) (T							3053.00	Sec
ole Diameter	r: 7.88 inchesHole	e Condition: Good				KB to	GR/CF:	7.00	ft
erial #:								0000.00	neia
ess@RunE		· · · · · · · · · · · · · · · · · · ·	KB)	2018.07.10	Capacity: Last Calib			8000.00 2018.07.10	psig
art Date: art Time:	2018.07.10 07:51:50	End Date: End Time:		2018.07.10	Time On E			@ 09:32:20	
art nime.	07.51.50	Lite fills.		11.01.00	Time Off			@ 12:34:50	
	Pressare vs.	Time		1	PF	RESSUR	RE SUMM	ARY	
	FS: No return.								
	Pressare vs.				PF	RESSUR			
• E		Time IV PRO Suppose		Time (Min.)	Pressure	Temp	RE SUMM Annotatio		
<b>68</b>	Pressare vs.			Time (Min.) 0				on	
	Pressare vs.			(Min.) 0 1	Pressure (psig) 2152.02 12.09	Temp (deg F) 110.90 110.34	Annotatio Initial Hydro Open To F	on o-static Row (1)	
	Pressare vs.			(Min.) 0 1 30	Pressure (psig) 2152.02 12.09 20.92	Temp (deg F) 110.90 110.34 112.45	Annotation Initial Hydro Open To F Shut-In(1)	on o-static Row (1)	
	Pressare vs.			(Min.) 0 1 30 €	Pressure (psig) 2152.02 12.09 20.92 655.33	Temp (deg F) 110.90 110.34 112.45 113.91	Annotation Initial Hydro Open To F Shut-In(1) End Shut-I	on o-static Tow (1) In(1)	
	Pressare vs.			(Min.) 0 1 30 60 61	Pressure (psig) 2152.02 12.09 20.92	Temp (deg F) 110.90 110.34 112.45 113.91 113.83	Annotation Initial Hydro Open To F Shut-In(1)	o-static Row (1) In(1) Row (2)	
	Pressare vs.			(Min.) 0 1 30 60 61 121 121 182	Pressure (psig) 2152.02 12.09 20.92 655.33 18.55	Temp (deg F) 110.90 110.34 112.45 113.91 113.83 115.69 117.25	Annotation Initial Hydr Open To F Shut-In(1) End Shut-In Open To F Shut-In(2) End Shut-In	on o-static Row (1) In(1) Row (2) In(2)	
78	Pressare vs.			(Min.) 0 1 30 60 61 121	Pressure (psig) 2152.02 12.09 20.92 655.33 18.55 35.81	Temp (deg F) 110.90 110.34 112.45 113.91 113.83 115.69 117.25	Annotation Initial Hydro Open To F Shut-In(1) End Shut-I Open To F Shut-In(2)	on o-static Row (1) In(1) Row (2) In(2)	
	Pressare vs.			(Min.) 0 1 30 60 61 121 121 182	Pressure (psig) 2152.02 12.09 20.92 655.33 18.55 35.81 874.38	Temp (deg F) 110.90 110.34 112.45 113.91 113.83 115.69 117.25	Annotation Initial Hydr Open To F Shut-In(1) End Shut-In Open To F Shut-In(2) End Shut-In	on o-static Row (1) In(1) Row (2) In(2)	
	Pressare vs.			(Min.) 0 1 30 60 61 121 121 182	Pressure (psig) 2152.02 12.09 20.92 655.33 18.55 35.81 874.38	Temp (deg F) 110.90 110.34 112.45 113.91 113.83 115.69 117.25	Annotation Initial Hydr Open To F Shut-In(1) End Shut-In Open To F Shut-In(2) End Shut-In	on o-static Row (1) In(1) Row (2) In(2)	
	Pressare vs.			(Min.) 0 1 30 60 61 121 121 182	Pressure (psig) 2152.02 12.09 20.92 655.33 18.55 35.81 874.38	Temp (deg F) 110.90 110.34 112.45 113.91 113.83 115.69 117.25	Annotation Initial Hydr Open To F Shut-In(1) End Shut-In Open To F Shut-In(2) End Shut-In	on o-static Row (1) In(1) Row (2) In(2)	
	Pressare vs.			(Min.) 0 1 30 60 61 121 121 182	Pressure (psig) 2152.02 12.09 20.92 655.33 18.55 35.81 874.38	Temp (deg F) 110.90 110.34 112.45 113.91 113.83 115.69 117.25	Annotation Initial Hydr Open To F Shut-In(1) End Shut-In Open To F Shut-In(2) End Shut-In	on o-static Row (1) In(1) Row (2) In(2)	
				(Min.) 0 1 30 60 61 121 121 182	Pressure (psig) 2152.02 12.09 20.92 655.33 18.55 35.81 874.38	Temp (deg F) 110.90 110.34 112.45 113.91 113.83 115.69 117.25 117.71	Annotation Initial Hydr Open To F Shut-In(1) End Shut-In Open To F Shut-In(2) End Shut-In	on o-static Row (1) In(1) Row (2) In(2)	
			Aurres (bbl)	(Min.) 0 1 30 60 61 121 121 182	Pressure (psig) 2152.02 12.09 20.92 655.33 18.55 35.81 874.38	Temp (deg F) 110.90 110.34 112.45 113.91 113.83 115.69 117.25 117.71	Annotation Initial Hydr Open To F Shut-In(1) End Shut-In(2) End Sh	on o-static ilow (1) ilow (2) in(2) o-static	ias Raie (Mcf/d
73 73 73 73 74 74 74 74 74 74 74 74 74 74 74 74 74	Pressure vs.		30	(Min.) 0 1 30 60 61 121 121 182	Pressure (psig) 2152.02 12.09 20.92 655.33 18.55 35.81 874.38	Temp (deg F) 110.90 110.34 112.45 113.91 113.83 115.69 117.25 117.71	Annotation Initial Hydr Open To F Shut-In(1) End Shut-In(2) End Sh	on o-static ilow (1) in(1) ilow (2) in(2) o-static	ias Rate (Mcf/d
Length (ft) 60.00	Pressure vs.			(Min.) 0 1 30 60 61 121 121 182	Pressure (psig) 2152.02 12.09 20.92 655.33 18.55 35.81 874.38	Temp (deg F) 110.90 110.34 112.45 113.91 113.83 115.69 117.25 117.71	Annotation Initial Hydr Open To F Shut-In(1) End Shut-In(2) End Sh	on o-static ilow (1) in(1) ilow (2) in(2) o-static	ias Rate (Mcfrd
Length (R) 60.00 1.00	Pressure vs.		30	(Min.) 0 1 30 60 61 121 121 182	Pressure (psig) 2152.02 12.09 20.92 655.33 18.55 35.81 874.38	Temp (deg F) 110.90 110.34 112.45 113.91 113.83 115.69 117.25 117.71	Annotation Initial Hydr Open To F Shut-In(1) End Shut-In(2) End Sh	on o-static ilow (1) in(1) ilow (2) in(2) o-static	ias Rate (Mcfr
Length (ft) 60.00	Pressure vs.		30 00	(Min.) 0 1 30 60 61 121 121 182	Pressure (psig) 2152.02 12.09 20.92 655.33 18.55 35.81 874.38	Temp (deg F) 110.90 110.34 112.45 113.91 113.83 115.69 117.25 117.71	Annotation Initial Hydr Open To F Shut-In(1) End Shut-In(2) End Sh	on o-static ilow (1) in(1) ilow (2) in(2) o-static	ias Rate (Mcf/d
60.00 1.00	Pressure vs.		30 00	(Min.) 0 1 30 60 61 121 121 182	Pressure (psig) 2152.02 12.09 20.92 655.33 18.55 35.81 874.38	Temp (deg F) 110.90 110.34 112.45 113.91 113.83 115.69 117.25 117.71	Annotation Initial Hydr Open To F Shut-In(1) End Shut-In(2) End Sh	on o-static ilow (1) in(1) ilow (2) in(2) o-static	ias Rate (Mcfi

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75

80

85

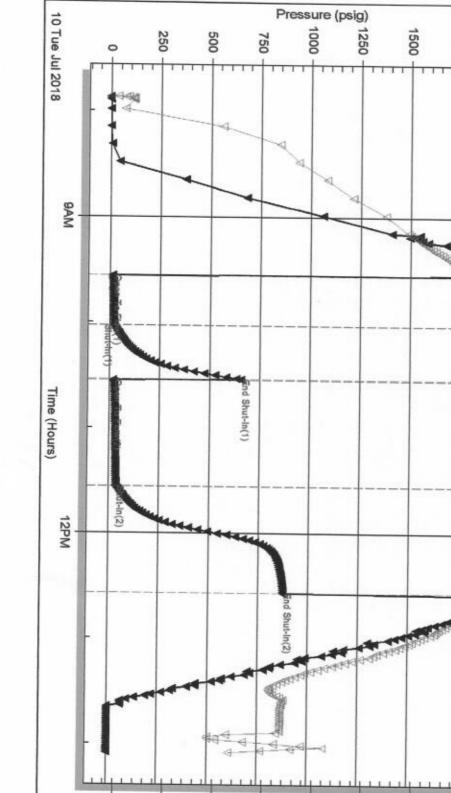
80

85

Temperature (deg F)

100

105



Trilobite Testing, Inc

Ref. No: 63890

Serial #: 8166 Inside

1750

2000

2250

8166 Pressure

Initial Hydro-static

Blake Exploration

Schmitt #1

Pressure vs. Time

8166 Temperature

1

115

110

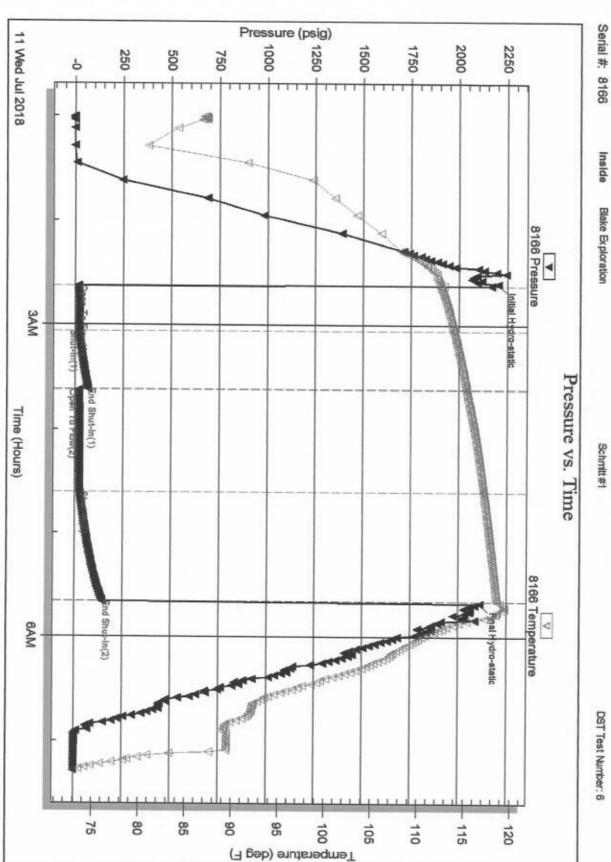
Final Hydro-static

DST Test Number: 5

RILOBITE	Blake Exploration		11-115-	32w Logan,	KS	
ESTING , INC	201 S Main		Schmit			
	Bogue, Ks 67625		Job Ticke		DST#:	6
	ATTN: Mike Davignon			t: 2018.07.11 @		5
GENERAL INFORMATION:						
Formation: LKC L Deviated: No Whipstock: Time Tool Opened: 02:37:34 Time Test Ended: 07:17:04	ft (KB)		Test Type Tester: Unit No:	e: Convention Brandon Tu 79		le (Reset)
Interval: 4295.00 ft (KB) To 43 Total Depth: 4340.00 ft (KB) (TV Hole Diameter: 7.88 inchesHole	'D)			e Bevations: KB to GR/CF:	3060.00 3053.00 7.00	ft (CF)
Serial #: 8166 Inside Press@RunDepth: 24.38 psig ( Start Date: 2018.07.11 Start Time: 01:00:04 TEST COMMENT: IF: Surface blow IS: No return. FF: 1 1/4 blow bu	End Date: End Time: built to 1 1/2.	2018.07.11 07:17:04	Capacity: Last Calib.: Time On Btm Time Off Btm	2018.07.11 2018.07.11		psig
FS: No return.						
Pressare vs. Ti				URE SUMM	IARY	
		Time (Min.) 0 28 61 61 121 183 183 184	Pressure (psig)         Ten (deg           2202.81         112           18.25         112           22.20         113           65.49         115           20.41         115           24.38         117           141.74         118	Annotation F) A1 Initial Hydro A2 Open To F .88 Shut-In(1)	on o-static flow (1) n(1) flow (2) n(2)	
Recovery		(Min.) 0 28 61 61 121 183	Pressure (psig)         Ten (deg           2202.81         112           18.25         112           22.20         113           65.49         115           20.41         115           24.38         117           141.74         118           2112.00         118	Annotation F) A11 Initial Hydro A2 Open To F 88 Shut-In(1) 27 End Shut-In 26 Open To F 16 Shut-In(2) 59 End Shut-In 92 Final Hydro Gas Rates	on o-static dow (1) h(1) low (2) h(2) o-static	
Englh (II)	Volume (bbl)	(Min.) 0 28 61 61 121 183	Pressure (psig)         Ten (deg           2202.81         112           18.25         112           22.20         113           65.49         115           20.41         115           24.38         117           141.74         118           2112.00         118	Annotation F) A11 Initial Hydro A2 Open To F 88 Shut-In(1) 27 End Shut-In 26 Open To F 16 Shut-In(2) 59 End Shut-In 92 Final Hydro	on o-static dow (1) h(1) low (2) h(2) o-static	Rate (Mctid)
Recovery		(Min.) 0 28 61 61 121 183	Pressure (psig)         Ten (deg           2202.81         112           18.25         112           22.20         113           65.49         115           20.41         115           24.38         117           141.74         118           2112.00         118	Annotation F) A11 Initial Hydro A2 Open To F 88 Shut-In(1) 27 End Shut-In 26 Open To F 16 Shut-In(2) 59 End Shut-In 92 Final Hydro Gas Rates	on o-static dow (1) h(1) low (2) h(2) o-static	Rate (Mct/d)

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Trilobite Testing, Inc

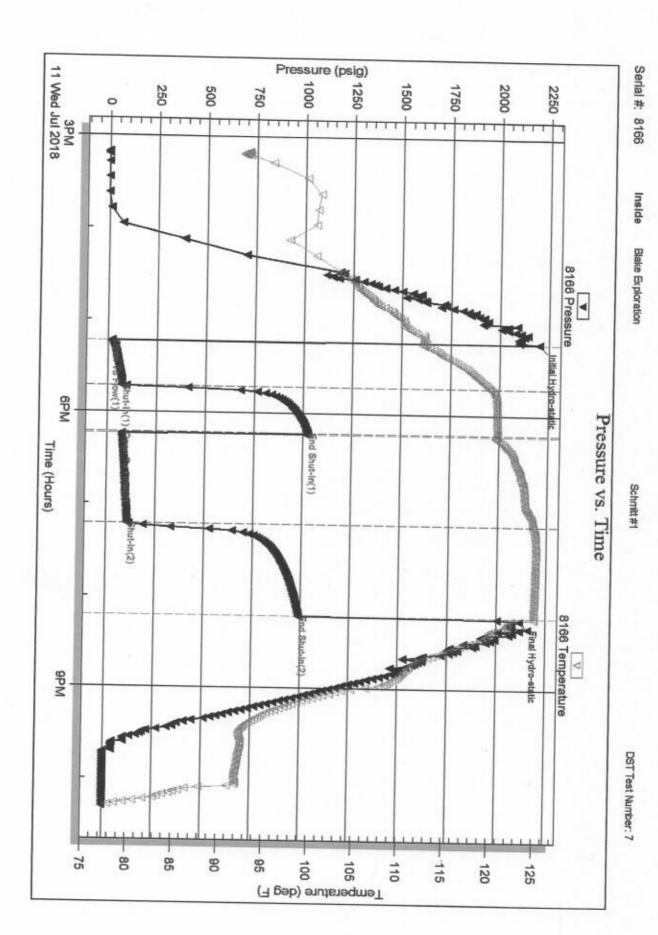
Schmitt #1

RILOBITE	Blake Exploration		11-	11s-32w	/ Logan, I	KS	
ESTING, INC	201 S Main		Sc	hmitt #1	1		
	Bogue, Ks 67625			Ticket: 63	P.	DST#:7	
	ATTN: Mike Davignon				018.07.11 @		
GENERAL INFORMATION:							
Formation: Lenapah							
Deviated: No Whipstock: Time Tool Opened: 17:13:37	ft (KB)					al Bottom Hol	e (Reset)
Time Test Ended: 22:18:07					Brandon Tu 79	nley	
interval: 4325.00 ft (KB) To 43	73.00 ft (KB) (TVD)		Ref	erence Be		3060.00	ft (KB)
Total Depth: 4373.00 ft (KB) (TV					ar anorra.	3053.00	
Hole Diameter: 7.88 inchesHole	Condition: Good			KB	to GR/CF:	7.00	
Serial #: 8166 Inside							
Press@RunDepth: 107.04 psig Start Date: 2018.07.11		122323232333	Capacity			8000.00	psig
Start Date: 2018.07.11 Start Time: 15:10:07	End Date: End Time:	2018.07.11	Last Cali	53 I I I I I I I I I I I I I I I I I I I		2018.07.11	
Sart 1116. 13.10.07	dia nine.	22:18:07	Time On Time Off		2018.07.11 2018.07.11		
FS: No return. Pressure vs. T	100 C C C C C C C C C C C C C C C C C C	1	PI	RESSUF	RE SUMM	ARY	-
FS: No return.							
	100 C C C C C C C C C C C C C C C C C C		PI	RESSUF	RE SUMM	ARY	-
Pressare vs. Ti	RE Reparter	Time	Pressure	Temp	RE SUMM		
Pressare vs. Ti			Pressure (psig)	Temp (deg F)	Annotatio	n	
Pressare vs. Ti		as (Min.)	Pressure	Temp	Annotatio	on o-static	
		(Min.) • 0 • 1 30	Pressure (psig) 2200.55 19.78 73.40	Temp (deg F) 112.72 112.14 119.84	Annotatio Initial Hydro Open To F Shut-In(1)	on o-static low (1)	
		(Min.) (Min.)	Pressure (psig) 2200.55 19.78 73.40 1024.47	Temp (deg F) 112.72 112.14 119.84 120.72	Annotation Initial Hydro Open To F Shut-In(1) End Shut-I	on o-static low (1) n(1)	
		(Min.) (Min.)	Pressure (psig) 2200.55 19.78 73.40 1024.47 76.17	Temp (deg F) 112.72 112.14 119.84 120.72 120.48	Annotation Initial Hydro Open To F Shut-In(1) End Shut-In Open To F	on o-static low (1) n(1)	
		(Min.) (Min.)	Pressure (psig) 2200.55 19.78 73.40 1024.47	Temp (deg F) 112.72 112.14 119.84 120.72 120.48 124.79	Annotation Initial Hydro Open To F Shut-In(1) End Shut-In Open To F Shut-In(2)	on o-static low (1) n(1) low (2)	
		(Min.) (Min.)	Pressure (psig) 2200.55 19.78 73.40 1024.47 76.17 107.04	Temp (deg F) 112.72 112.14 119.84 120.72 120.48 124.79 125.00	Annotation Initial Hydro Open To F Shut-In(1) End Shut-In Open To F	on o-static low (1) n(1) low (2) n(2)	
		(Min.) (Min.)	Pressure (psig) 2200.55 19.78 73.40 1024.47 76.17 107.04 987.40	Temp (deg F) 112.72 112.14 119.84 120.72 120.48 124.79 125.00	Annotation Initial Hydro Open To F Shut-In(1) End Shut-In Shut-In(2) End Shut-In	on o-static low (1) n(1) low (2) n(2)	
		(Min.) (Min.)	Pressure (psig) 2200.55 19.78 73.40 1024.47 76.17 107.04 987.40	Temp (deg F) 112.72 112.14 119.84 120.72 120.48 124.79 125.00	Annotation Initial Hydro Open To F Shut-In(1) End Shut-In Shut-In(2) End Shut-In	on o-static low (1) n(1) low (2) n(2)	
		(Min.) (Min.)	Pressure (psig) 2200.55 19.78 73.40 1024.47 76.17 107.04 987.40	Temp (deg F) 112.72 112.14 119.84 120.72 120.48 124.79 125.00	Annotation Initial Hydro Open To F Shut-In(1) End Shut-In Shut-In(2) End Shut-In	on o-static low (1) n(1) low (2) n(2)	
		(Min.) (Min.)	Pressure (psig) 2200.55 19.78 73.40 1024.47 76.17 107.04 987.40	Temp (deg F) 112.72 112.14 119.84 120.72 120.48 124.79 125.00	Annotation Initial Hydro Open To F Shut-In(1) End Shut-In Shut-In(2) End Shut-In	on o-static low (1) n(1) low (2) n(2)	
		(Min.) (Min.)	Pressure (psig) 2200.55 19.78 73.40 1024.47 76.17 107.04 987.40	Temp (deg F) 112.72 112.14 119.84 120.72 120.48 124.79 125.00 122.51	Annotation Initial Hydro Open To F Shut-In(1) End Shut-In Shut-In(2) End Shut-In	on o-static low (1) n(1) low (2) n(2)	
Pressure vs. The Pressure vs.	Volume (bbl)	(Min.) (Min.)	Pressure (psig) 2200.55 19.78 73.40 1024.47 76.17 107.04 987.40	Temp (deg F) 112.72 112.14 119.84 120.72 120.48 124.79 125.00 122.51	Annotation Open To F Shut-In(1) End Shut-In Open To F Shut-In(2) End Shut-In Final Hydro	on o-static low (1) n(1) low (2) n(2) o-static	a Rate (Mcl/d)
Pressure vo. The Pressure vo.	Volume (bbl) 0.67	(Min.) (Min.)	Pressure (psig) 2200.55 19.78 73.40 1024.47 76.17 107.04 987.40	Temp (deg F) 112.72 112.14 119.84 120.72 120.48 124.79 125.00 122.51	Annotation Open To F Shut-In(1) End Shut-In Open To F Shut-In(2) End Shut-In Final Hydro	on o-static low (1) n(1) low (2) n(2) o-static	s Rate (Mcf/d)
Pressure vs. The Pressure vs.	Volume (bbl)	(Min.) (Min.)	Pressure (psig) 2200.55 19.78 73.40 1024.47 76.17 107.04 987.40	Temp (deg F) 112.72 112.14 119.84 120.72 120.48 124.79 125.00 122.51	Annotation Open To F Shut-In(1) End Shut-In Open To F Shut-In(2) End Shut-In Final Hydro	on o-static low (1) n(1) low (2) n(2) o-static	a Rato (Mcf/d)
Pressure vo. The Pressure vo.	Volume (bbl) 0.67	(Min.) (Min.)	Pressure (psig) 2200.55 19.78 73.40 1024.47 76.17 107.04 987.40	Temp (deg F) 112.72 112.14 119.84 120.72 120.48 124.79 125.00 122.51	Annotation Open To F Shut-In(1) End Shut-In Open To F Shut-In(2) End Shut-In Final Hydro	on o-static low (1) n(1) low (2) n(2) o-static	a Rate (Mel/d)
Pressure vo. The Pressure vo.	Volume (bbl) 0.67	(Min.) (Min.)	Pressure (psig) 2200.55 19.78 73.40 1024.47 76.17 107.04 987.40	Temp (deg F) 112.72 112.14 119.84 120.72 120.48 124.79 125.00 122.51	Annotation Open To F Shut-In(1) End Shut-In Open To F Shut-In(2) End Shut-In Final Hydro	on o-static low (1) n(1) low (2) n(2) o-static	a Rate (Mcf/d)
Pressure vo. The Pressure vo.	Volume (bbl) 0.67	(Min.) (Min.)	Pressure (psig) 2200.55 19.78 73.40 1024.47 76.17 107.04 987.40	Temp (deg F) 112.72 112.14 119.84 120.72 120.48 124.79 125.00 122.51	Annotation Open To F Shut-In(1) End Shut-In Open To F Shut-In(2) End Shut-In Final Hydro	on o-static low (1) n(1) low (2) n(2) o-static	a Rate (Mcf/d

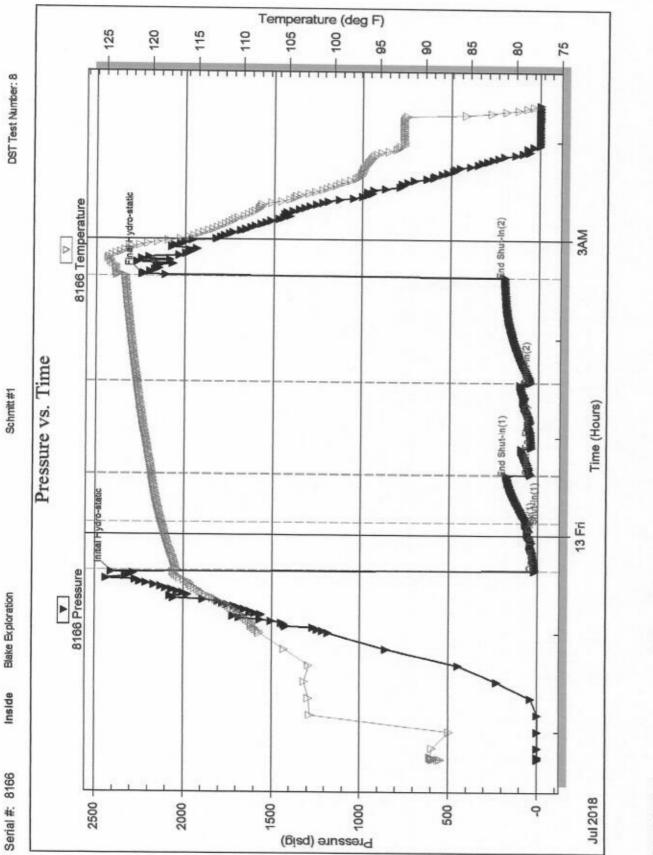
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Ref. No: 63892

Trilobite Testing, Inc



1	RILOBITE	Blake Exploration		44.44	- 20 - 1	146
	ESTING , INC	201 S Main Bogue, Ks 67625		Schm		KS
NEW Y				Job Tic	ket: 63893	DST#:8
uhadili,		ATTN: Mike Davignon		Test St	art: 2018.07.12 @	21:43:09
Formation: Deviated: Time Tool Open Time Test Ende Interval:	d: 04:22:09 4565.00 ft (KB) To 46	ft (KB) 10.00 ft (KB) (TVD)		Test Ty Tester: Unit No Referei	Brandon Tu	al Bottom Hole (Reset) rley 3060.00 ft (KB)
Total Depth: Hole Diameter:	4610.00 ft (KB) (TV 7.88 inches Hole	D) Condition: Good				3053.00 ft (CF)
		Condition: Good			KB to GR/CF:	7.00 ft
Serial #: 81 Press@RunDep Start Date: Start Time: TEST COMM		End Date: End Time: puilt to 1 3/4.	2018.07.13 04:22:09	Capacity: Last Calib.: Time On Btm Time Off Btm	2018.07.12	
	Pressare vs. Tin	se.		PRES	SURE SUMM	APY
200			(Min.)	Pressure Te (psig) (de	emp Annotatio eg F)	
-	1		0 1 31	17.59 11 55.09 11	17.56 Initial Hydro 17.08 Open To Fi 18.79 Shut-In(1)	ow (1)
			100 GO		19.95 End Shut-In 19.92 Open To Fi	
_			117		21.60 Shut-In(2)	ow (2)
-	CIN Employ		181 3 182		22.97 End Shut-In 23.70 Final Hydro	
			+ 1		Gas Rates	
	Recovery					
Longth (ft)	Description	Volume (bbl)		c	hoke (inches) Pressure	e (psig) Gas Rate (Mct/d)
Longth (#) 60.00 g	Description pocm 10%g 10%o 80%m	0.30		c	Chole (inches) Pressure	e (psig) Gas Rate (Mc0d)
Longth (fi) 60.00 g 20.00 d	Description	0.30		c	hoke (inches) Pressure	e (psig) Gas Rate (Mc0d)
60.00 g 20.00 d	Description Joern 10%g 10%o 80%m Joern 5%o 95%m	0.30		0	hoke (inches) Pressure	e (psig) Gas Rate (Mct/d)



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