

Confidentiality Requested:

☒ Yes ☐ NoKANSAS 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 # 33306
 Name: Blake Exploration, LLC
 Address 1: 201 S MAIN
 Address 2: PO BOX 150
 City: BOGUE State: KS Zip: 67625 + 0150
 Contact Person: Mike Davignon
 Phone: (785) 341-8804
 CONTRACTOR: License # 35410
 Name: STP Drilling LLC
 Wellsite Geologist: Mike Davignon
 Purchaser: CHS

Designate Type of Completion:

☒ New Well ☐ Re-Entry ☐ Workover

☒ Oil ☐ WSW ☐ SWD
☐ Gas ☐ DH ☐ EOR
☐ OG ☐ GSW
☐ CM (Coal Bed Methane)
☐ Cathodic ☐ Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

☐ Deepening ☐ Re-perf. ☐ Conv. to EOR ☐ Conv. to SWD
☐ Plug Back ☐ Liner ☐ Conv. to GSW ☐ Conv. to Producer

☐ Commingled Permit #: _____
☐ Dual Completion Permit #: _____
☐ SWD Permit #: _____
☐ EOR Permit #: _____
☐ GSW Permit #: _____

10/10/2023 10/19/2023 1/25/2024
 Spud Date or Date Reached TD Completion Date or
 Recompletion Date Recompletion Date

API No.: 15-065-24280-00-00

Spot Description: _____

SE - NW-SW-NW Sec. 12 Twp. 7 S. R. 21 ☐ East ☒ West
3425 Feet from ☐ North / ☒ South Line of Section
375 Feet from ☐ East / ☒ West Line of Section

Footages Calculated from Nearest Outside Section Corner:

☐ NE ☐ NW ☐ SE ☒ SWGPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84County: GrahamLease Name: ROBERTS Well #: 1Field Name: LeSage WestProducing Formation: LKCElevation: Ground: 2195 Kelly Bushing: 2202Total Vertical Depth: 3704 Plug Back Total Depth: 3645Amount of Surface Pipe Set and Cemented at: 209 FeetMultiple Stage Cementing Collar Used? ☒ Yes ☐ NoIf yes, show depth set: 1790 Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 0 ppm Fluid volume: 0 bblsDewatering method used: Evaporated

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ ☐ East ☐ West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

☐ Confidentiality Requested
 Date: 03/18/2024
☐ Confidential Release Date: _____
☒ Wireline Log Received ☒ Drill Stem Tests Received
☐ Geologist Report / Mud Logs Received
☐ UIC Distribution
 ALT ☐ I ☒ II ☐ III Approved by: Kelsey Cox Date: 03/27/2024

Operator Name: Blake Exploration, LLC Lease Name: ROBERTS Well #: 1
 Sec. 12 Twp. 7 S. R. 21 ☐ East ☒ West County: Graham

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 ☒ Yes ☐ No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey ☐ Yes ☒ No Cores Taken ☐ Yes ☒ No Electric Log Run ☒ Yes ☐ No Geologist Report / Mud Logs ☐ Yes ☒ No List All E. Logs Run: Comp Density Micro	☒ Log Formation (Top), Depth and Datum ☐ Sample <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Datum</th> </tr> </thead> <tbody> <tr> <td>Anhydrite</td> <td>1792</td> <td>+410</td> </tr> <tr> <td>Heebner</td> <td>3394</td> <td>-1192</td> </tr> <tr> <td>BKC</td> <td>3621</td> <td>-1419</td> </tr> </tbody> </table>	Name	Top	Datum	Anhydrite	1792	+410	Heebner	3394	-1192	BKC	3621	-1419
Name	Top	Datum											
Anhydrite	1792	+410											
Heebner	3394	-1192											
BKC	3621	-1419											

CASING RECORD ☒ New ☐ Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12.25	8.635	20	209	80/20	170	3-2
Production	8.65	4.5	10.5	3691	Com	100	10-5

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
☐ Perforate	0-1790			80/20 Qmdc 1/4#flo
☒ Protect Casing				
☐ Plug Back TD				
☐ Plug Off Zone	-			

1. Did you perform a hydraulic fracturing treatment on this well? ☐ Yes ☒ No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? ☐ Yes ☐ No *(If No, skip question 3)*
3. Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? ☐ Yes ☐ No *(If No, fill out Page Three of the ACO-1)*

Date of first Production/Injection or Resumed Production/Injection: <u>3/1/2024</u>		Producing Method: ☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain) _____			
Estimated Production Per 24 Hours	Oil Bbls. 25	Gas Mcf	Water Bbls. 25	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: ☒ Vented ☐ Sold ☐ Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: ☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled <i>(Submit ACO-5) (Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom <u>3432</u> <u>3560</u>
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>
4	3556	3560			1000g 15%
4	3464	3468			1000g 15%
4	3428	3432			1000g 15%
TUBING RECORD: Size: <u>2.375</u> Set At: <u>3584</u> Packer At: <u> </u>					

Form	ACO1 - Well Completion
Operator	Blake Exploration, LLC
Well Name	ROBERTS 1
Doc ID	1768244

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12.25	8.635	20	209	80/20	170	3-2
Production	8.65	4.5	10.5	3691	Com	100	10-5

Federal Tax I.D.# 20-2886107

Phone 785-483-1071

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

No. 3435

Cell 785-324-1041

Date	10/19/23	Sec.	12	Twp.	7	Range	21	County	Graham	State	KS	On Location		Finish	5:10pm
								Location							Nicodemus S 1/2 N 1/4
Lease Roberts						Well No.			1		Owner				
Contractor STP						To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.									
Type Job 2 stage (TOP)						Charge To Blake exploration									
Hole Size 7 7/8						T.D.			3704			Street			
Csg. 4 1/2						Depth			City			State			
Tbg. Size						Depth			The above was done to satisfaction and supervision of owner agent or contractor.						
Tool						Depth			Cement Amount Ordered 350 80/20 Qmdc 1/4 flt						
Cement Left in Csg.						Shoe Joint 41									
Meas Line						Displace 23 bbl									
EQUIPMENT											Common 350 80/20 QMDc				
Pumptrk 16	No.	Cementer	Jordy			Poz. Mix									
Bulktrk 21	No.	Driver	Doug / Joe			Gel.									
Bulktrk PU	No.	Driver	Nick / Bill			Calcium									
JOB SERVICES & REMARKS											Hulls				
Remarks:											Salt				
Rat Hole 30 SKS											Flowseal 100#				
Mouse Hole											Kol-Seal				
Centralizers											Mud CLR 48				
Baskets											CFL-117 or CD110 CAF 38				
D/V or Port Collar 1806 #46											Sand				
open DV tool 800psi											Handling 350				
circulate 30 mins											Mileage				
Cement with 320 Qmdc											FLOAT EQUIPMENT				
pumped plug 23 bbl											Guide Shoe				
landed plug 1500 psi											Centralizer				
Cement did Circulation!											Baskets				
											AFU Inserts				
											Float Shoe				
											Latch Down				
											Pumptrk Charge pnod string Top Stage				
											Mileage 50				
											Tax				
											Discount				
											Total Charge				
Signature [Signature]											Thanks [Signature]				

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-1071

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

No. 3434

Cell 785-324-1041

Date	10/19/23	Sec.	12	Twp.	7	Range	21	County	Graham	State	KS	On Location		Finish	4:00pm
Lease								Location							
Roberts								Nicodemus S 1/2 N 1/4							
Well No.								Owner							
1								Blake exploration							
Contractor								To Quality Oilwell Cementing, Inc.							
STP								You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.							
Type Job								Charge To							
2 stage (Bottom)								Blake Exploration							
Hole Size								T.D.							
7 7/8								3704							
Csg.								Depth							
4 1/2															
Tbg. Size								City							
								State							
Tool								The above was done to satisfaction and supervision of owner agent or contractor.							
Cement Left in Csg.								Cement Amount Ordered							
Shoe Joint								100 sks 10% 5%							
41															
Meas Line								Displace							
EQUIPMENT								Common							
Pumptrk								100							
16															
No. Cementer								Poz. Mix							
Jody															
Bulktrk								Gel.							
20															
No. Driver								Calcium							
Joe/Dan															
Bulktrk								Hulls							
PU															
No. Driver								Salt							
Nick/bill								11							
JOB SERVICES & REMARKS								Flowseal							
Remarks:								Kol-Seal							
Rat Hole								500#							
Mouse Hole															
Centralizers								Mud CLR 48							
Baskets								500 gal							
D/V or Port Collar								CFL-117 or CD110 CAF 38							
1806															
Ran 4 1/2 pipe Cir 30 min								Sand							
mixed 100 sk displaced cement								Handling							
Cir 30 min in between hooked								116							
up mixed sks displaced								Mileage							
								FLOAT EQUIPMENT							
								Guide Shoe							
								Centralizer							
								4							
								Baskets							
								4							
								AFU Inserts							
								Float Shoe							
								1							
								Latch Down							
								1							
								DV tool							
								1							
Pipe Set 3706								Pumptrk Charge							
Shoe Joint 41								prod string							
in sert								Bottom							
land plug 1500psi								stage							
open DV tool 800psi															
								Tax							
								Discount							
								Total Charge							
X Signature								Thanks							

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-288610

Phone 785-483-1071

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

No. 3951

Cell 785-324-1041

10-11-23

Date	10-10-23	Sec.	12	Twp.	7	Range	21	County	Graham	State	Ks	On Location		Finish	12:15AM
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Lease Roberts Location Nicodemus SN

Well No. 1 Owner To Quality Oilwell Cementing, Inc.

Contractor STP You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.

Type Job SURFACE Charge To BLAKE Expl.

Hole Size 12 1/4 T.D. 217

Csg. 8 5/8 Depth Street

Tbg. Size Depth City State

Tool Depth The above was done to satisfaction and supervision of owner agent or contractor.

Cement Left in Csg. 15 Shoe Joint Cement Amount Ordered 170489/20 3-2

Meas Line Displace 12.8

EQUIPMENT

Pumptrk 17 No. Bill Common 135

Bulktrk No. Jordan Poz. Mix 35

Bulktrk 20 No. Cory Gel. 3

Bulktrk Calcium 7

JOB SERVICES & REMARKS

Remarks: Hulls

Rat Hole Salt

Mouse Hole Flowseal

Centralizers Kol-Seal

Baskets Mud CLR 48

D/V or Port Collar CFL-117 or CD110 CAF 38

SURFACE set e Sand

Cement w/ Handling 150

pump plug w/ bbls Mileage

Cement Did CIRC

FLOAT EQUIPMENT

Guide Shoe

Centralizer

Baskets

AFU Inserts

Float Shoe

Latch Down

Pumptrk Charge Surface

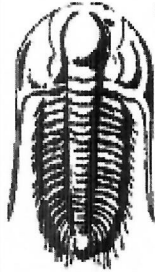
Mileage 50

Signature [Signature] Tax

Discount

Total Charge

Thanks



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Blake Exploration**

201 S Main P.O. Box 150
Bogue, KS 67625

ATTN: Mike Davignon

Roberts #1

12-7S-21W Graham, KS

Start Date: 2023.10.14 @ 22:08:00

End Date: 2023.10.15 @ 03:35:45

Job Ticket #: 70979 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2023.10.20 @ 11:59:53

Blake Exploration

12-7S-21W Graham, KS

Roberts #1

DST # 1

Topeka

2023.10.14



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Blake Exploration

201 S Main P.O. Box 150
Bogue, KS 67625

ATTN: Mike Davignon

12-7S-21W Graham, KS

Roberts #1

Job Ticket: 70979

DST#: 1

Test Start: 2023.10.14 @ 22:08:00

GENERAL INFORMATION:

Formation: **Topeka**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:25:30

Time Test Ended: 03:35:45

Test Type: Conventional Bottom Hole (Initial)

Tester: Nathan Aneas

Unit No: 71

Interval: **3340.00 ft (KB) To 3354.00 ft (KB) (TVD)**

Total Depth: 3354.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 2209.00 ft (KB)

2202.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 8353

Inside

Press@RunDepth: 47.54 psig @ 3341.00 ft (KB)

Start Date: 2023.10.14

End Date:

2023.10.15

Start Time: 22:08:01

End Time:

03:35:45

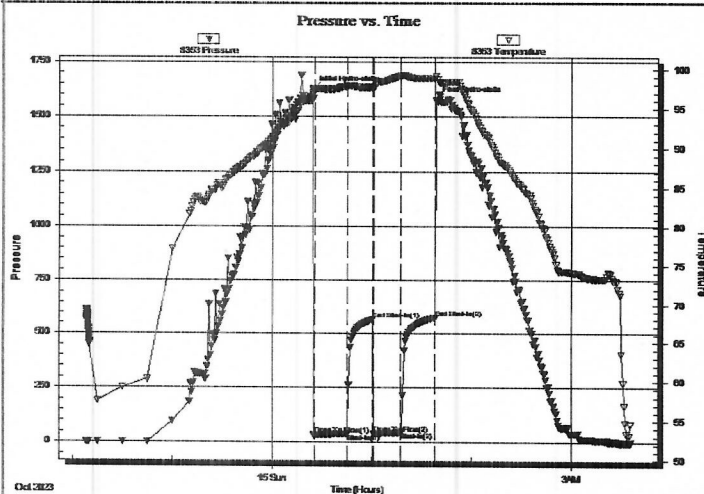
Capacity: 8000.00 psig

Last Calib.: 2023.10.15

Time On Btm: 2023.10.15 @ 00:24:45

Time Off Btm: 2023.10.15 @ 01:38:45

TEST COMMENT: 15:IF- Weak surface blow , died in 5 min
15:ISI- No blow back
15:FF- No blow
15:FSI- No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1624.63	97.02	Initial Hydro-static
1	36.57	97.16	Open To Flow (1)
21	40.22	97.86	Shut-In(1)
36	565.42	97.74	End Shut-In(1)
37	42.02	97.66	Open To Flow (2)
53	47.54	99.18	Shut-In(2)
74	574.35	98.87	End Shut-In(2)
74	1576.03	99.11	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	Mud w /spots of oil in tool 100%M	0.30

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Blake Exploration

12-7S-21W Graham, KS

201 S Main P.O. Box 150
Bogue, KS 67625

Roberts #1

Job Ticket: 70979

DST#: 1

ATTN: Mike Davignon

Test Start: 2023.10.14 @ 22:08:00

Tool Information

Drill Pipe:	Length: 3211.00 ft	Diameter: 3.80 inches	Volume: 45.04 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 121.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 60000.00 lb
		Total Volume: 45.64 bbl		Tool Chased 5.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 55000.00 lb
Depth to Top Packer:	3340.00 ft			Final 55000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	14.00 ft			
Tool Length:	47.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments: Hit 2 bridges going in the hole, was told to keep going to bottom.

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3308.00	
Shut In Tool	5.00			3313.00	
Hydraulic tool	5.00			3318.00	
Jars	5.00			3323.00	
EM Tool	4.00			3327.00	
Safety Joint	3.00			3330.00	
Packer	5.00			3335.00	33.00 Bottom Of Top Packer
Packer	5.00			3340.00	
Stubb	1.00			3341.00	
Recorder	0.00	8353	Inside	3341.00	
Recorder	0.00	8676	Outside	3341.00	
Perforations	10.00			3351.00	
Bullnose	3.00			3354.00	14.00 Bottom Packers & Anchor

Total Tool Length: 47.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Blake Exploration

12-7S-21W Graham, KS

201 S Main P.O. Box 150
Bogue, KS 67625

Roberts #1

Job Ticket: 70979

DST#: 1

ATTN: Mike Davignon

Test Start: 2023.10.14 @ 22:08:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 77.00 sec/qt

Water Loss: 6.38 in³

Resistivity: ohm.m

Salinity: 1100.00 ppm

Filter Cake: 2.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

deg API

Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	Mud w /spots of oil in tool 100%M	0.295

Total Length: 60.00 ft

Total Volume: 0.295 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8353

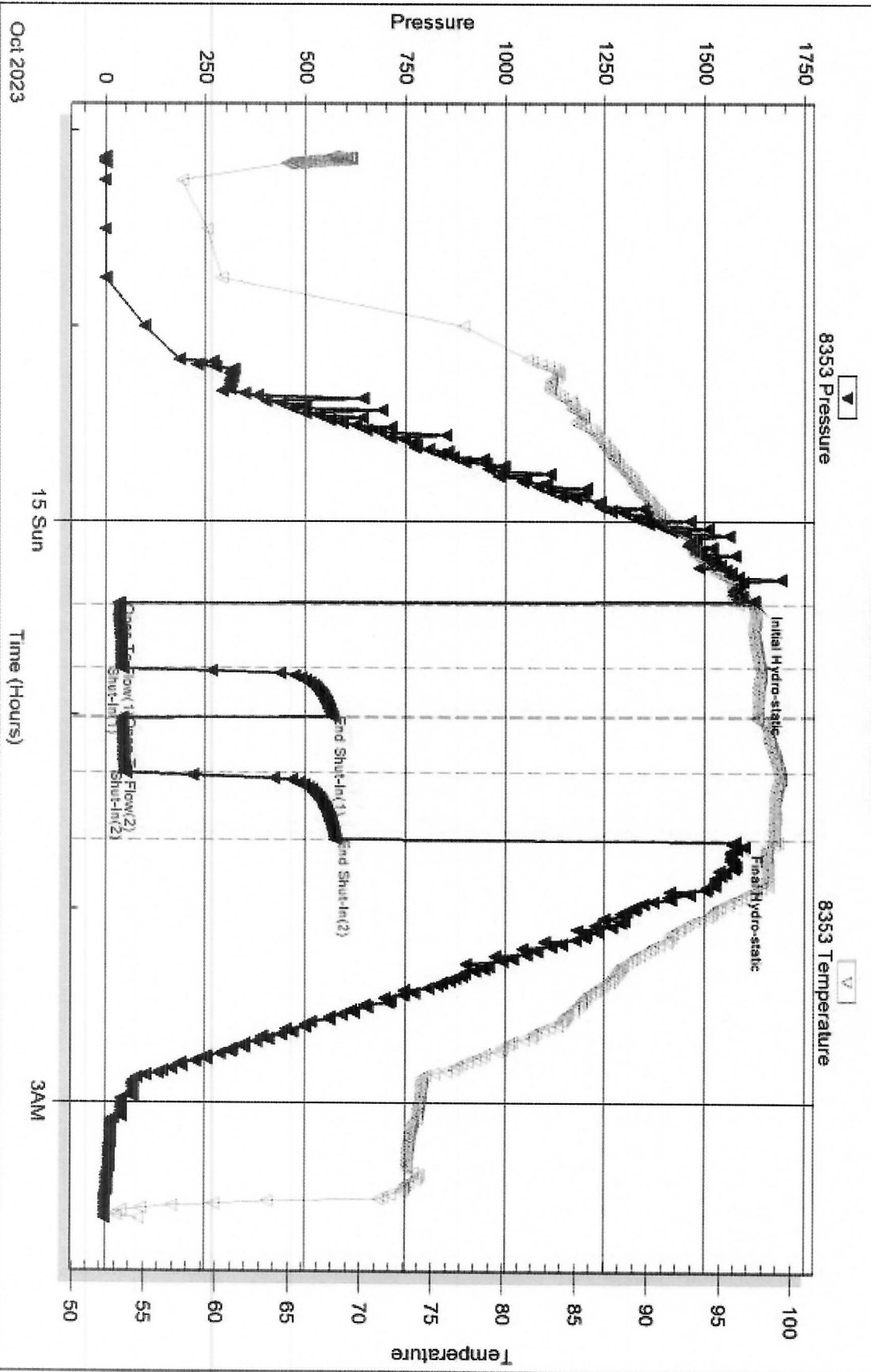
Inside

Blake Exploration

Roberts #1

DST Test Number: 1

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Blake Exploration**

201 S Main P.O. Box 150
Bogue, KS 67625

ATTN: Mike Davignon

Roberts #1

12-7S-21W Graham, KS

Start Date: 2023.10.15 @ 11:20:00

End Date: 2023.10.15 @ 17:27:00

Job Ticket #: 70980 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2023.10.20 @ 11:33:02

Blake Exploration

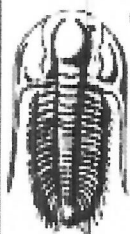
12-7S-21W Graham, KS

Roberts #1

DST # 2

Oread

2023.10.15



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Blake Exploration

201 S Main P.O. Box 150
Bogue, KS 67625

ATTN: Mike Davignon

12-7S-21W Graham, KS

Roberts #1

Job Ticket: 70980

DST#: 2

Test Start: 2023.10.15 @ 11:20:00

GENERAL INFORMATION:

Formation: **Oread**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 12:57:00

Time Test Ended: 17:27:00

Interval: **3340.00 ft (KB) To 3380.00 ft (KB) (TVD)**

Total Depth: **3380.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Poor**

Test Type: **Conventional Bottom Hole (Reset)**

Tester: **Nathan Aneas**

Unit No: **71**

Reference Elevations: **2209.00 ft (KB)**

2202.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 8353

Inside

Press@RunDepth: **439.90 psig @ 3341.00 ft (KB)**

Start Date: **2023.10.15**

End Date: **2023.10.15**

Start Time: **11:20:01**

End Time: **17:27:00**

Capacity: **8000.00 psig**

Last Calib.: **2023.10.15**

Time On Btm: **2023.10.15 @ 12:56:15**

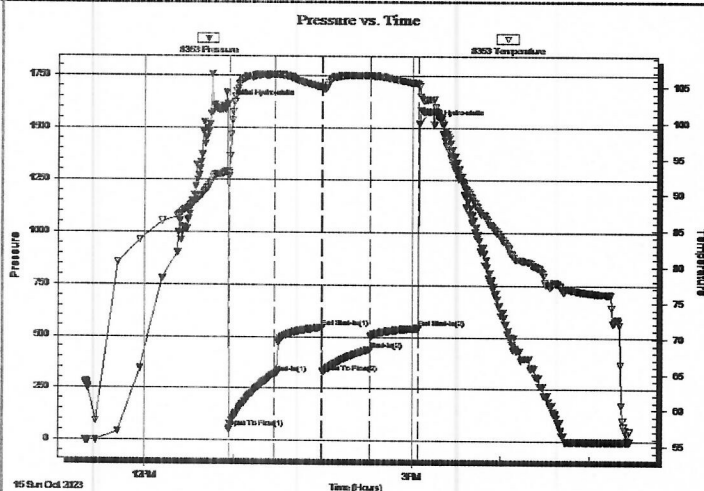
Time Off Btm: **2023.10.15 @ 15:05:00**

TEST COMMENT: **30:IF- Strong surface blow , BOB in 2 min, final is 85"**

30:IS- No blow back

30:FF- Fair surface blow , BOB in 5 min, final is 37"

30:FS- No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1613.51	93.19	Initial Hydro-static
1	59.62	92.92	Open To Flow (1)
32	323.28	106.70	Shut-In(1)
64	543.33	104.95	End Shut-In(1)
64	331.52	104.86	Open To Flow (2)
96	439.90	106.56	Shut-In(2)
128	541.43	105.46	End Shut-In(2)
129	1521.11	105.08	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
121.00	MW 80%W 20%M	0.60
819.00	VSOMCW 79%W 20%M 1%O	11.49
0.00	GIP 882	0.00

* Recovery from multiple tests

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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Trilobite Testing, Inc

Ref. No: 70980

Printed: 2023.10.20 @ 11:33:02



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Blake Exploration

12-7S-21W Graham, KS

201 S Main P.O. Box 150
Bogue, KS 67625

Roberts #1

Job Ticket: 70980

DST#: 2

ATTN: Mike Davignon

Test Start: 2023.10.15 @ 11:20:00

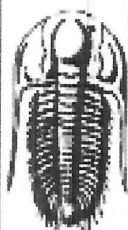
Tool Information

Drill Pipe:	Length: 3212.00 ft	Diameter: 3.80 inches	Volume: 45.06 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 121.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 62000.00 lb
		Total Volume: 45.66 bbl		Tool Chased ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3340.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	40.00 ft			
Tool Length:	73.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3308.00	
Shut In Tool	5.00			3313.00	
Hydraulic tool	5.00			3318.00	
Jars	5.00			3323.00	
EM Tool	4.00			3327.00	
Safety Joint	3.00			3330.00	
Packer	5.00			3335.00	33.00 Bottom Of Top Packer
Packer	5.00			3340.00	
Stubb	1.00			3341.00	
Recorder	0.00	8353	Inside	3341.00	
Recorder	0.00	8676	Outside	3341.00	
Perforations	36.00			3377.00	
Bullnose	3.00			3380.00	40.00 Bottom Packers & Anchor

Total Tool Length: 73.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Blake Exploration

12-7S-21W Graham, KS

201 S Main P.O. Box 150
Bogue, KS 67625

Roberts #1

Job Ticket: 70980

DST#: 2

ATTN: Mike Davignon

Test Start: 2023.10.15 @ 11:20:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 55.00 sec/qt

Water Loss: 7.18 in³

Resistivity: 0.21 ohm.m

Salinity: 1300.00 ppm

Filter Cake: 2.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API: deg API

Water Salinity: 44000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
121.00	MW 80%W 20%M	0.595
819.00	VSOMCW 79%W 20%M 1%O	11.488
0.00	GIP 882	0.000

Total Length: 940.00 ft

Total Volume: 12.083 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8353

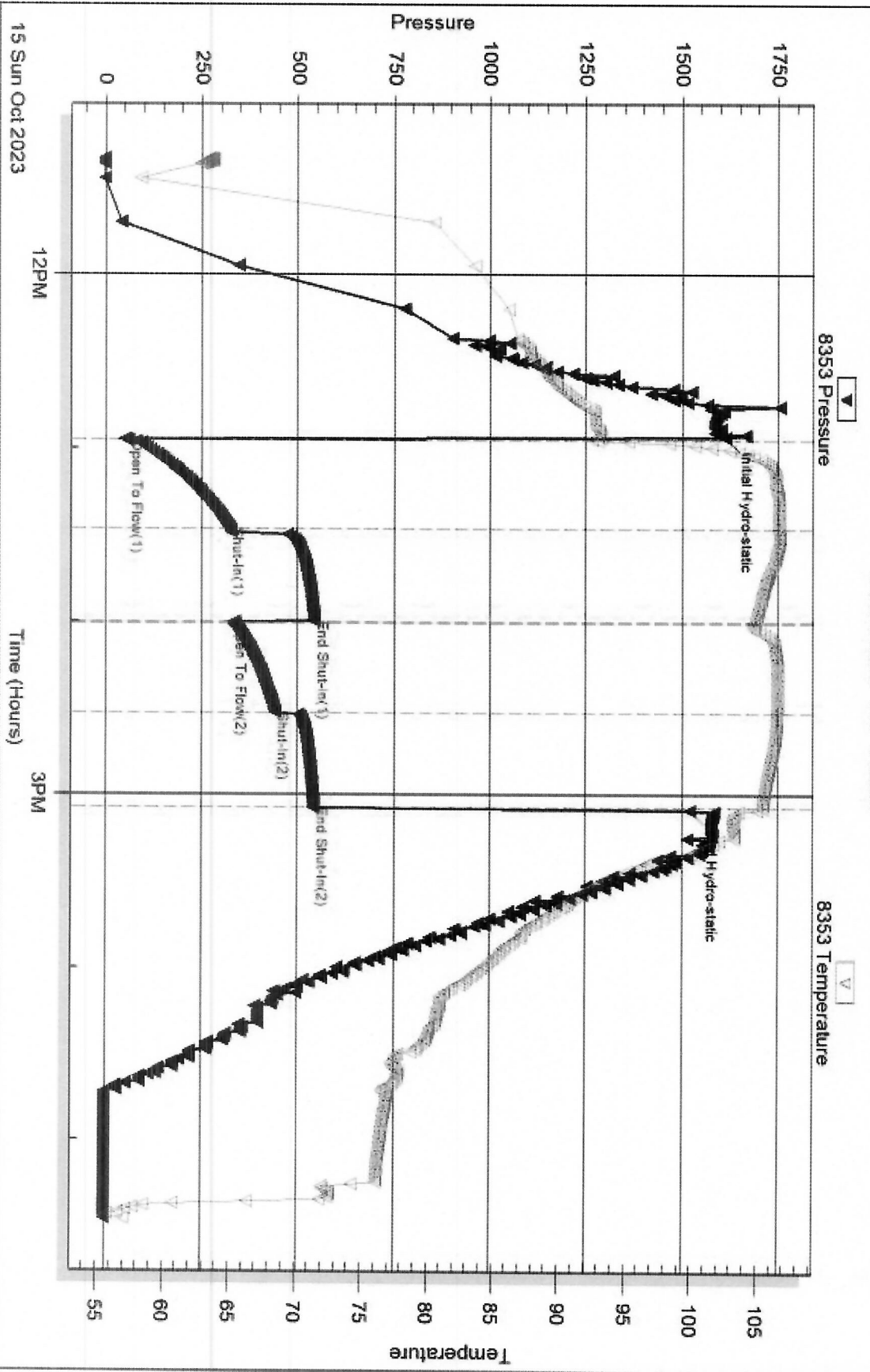
Inside

Bake Exploration

Roberts #1

DST Test Number: 2

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Blake Exploration**

201 S Main P.O. Box 150
Bogue, KS 67625

ATTN: Mike Davignon

Roberts #1

12-7S-21W Graham, KS

Start Date: 2023.10.16 @ 20:46:00

End Date: 2023.10.17 @ 03:02:30

Job Ticket #: 70981 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2023.10.20 @ 11:31:12

Blake Exploration

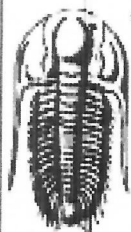
12-7S-21W Graham, KS

Roberts #1

DST # 3

LKC A-C

2023.10.16



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Blake Exploration

12-7S-21W Graham, KS

201 S Main P.O. Box 150
Bogue, KS 67625

Roberts #1

Job Ticket: 70981

DST#: 3

ATTN: Mike Davignon

Test Start: 2023.10.16 @ 20:46:00

GENERAL INFORMATION:

Formation: LKC A-C

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:33:45

Time Test Ended: 03:02:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Nathan Aneas

Unit No: 71

Interval: 3425.00 ft (KB) To 3475.00 ft (KB) (TVD)

Total Depth: 3475.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 2209.00 ft (KB)

2202.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 8353

Inside

Press@RunDepth: 120.73 psig @ 3426.00 ft (KB)

Start Date: 2023.10.16

End Date: 2023.10.17

Capacity: 8000.00 psig

Last Calib.: 2023.10.17

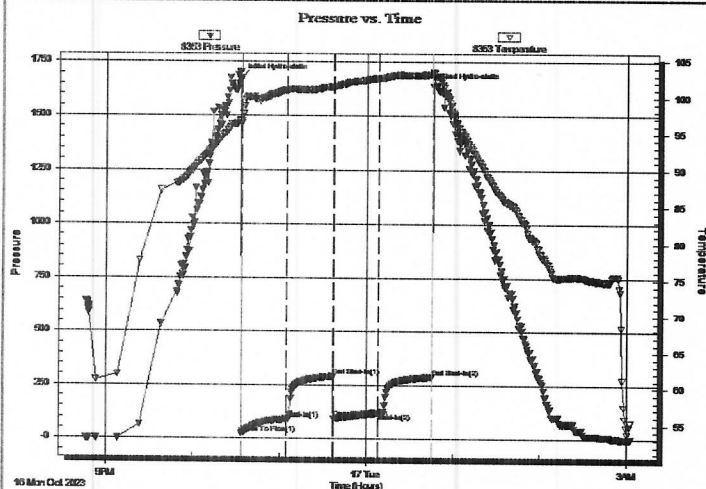
Start Time: 20:46:01

End Time: 03:02:30

Time On Btm: 2023.10.16 @ 22:33:15

Time Off Btm: 2023.10.17 @ 00:46:00

TEST COMMENT: 30:IF- Weak surface blow, built to 3 1/4" in 10 min, final is 4 3/4"
30:IS- No blow back
30:FF- Weak surface blow, built to 1 3/4" in 10 min, final is 1"
30:FS- No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1674.89	96.70	Initial Hydro-static
1	23.57	96.44	Open To Flow (1)
32	91.43	100.93	Shut-In(1)
64	291.18	101.47	End Shut-In(1)
65	93.71	101.44	Open To Flow (2)
95	120.73	102.64	Shut-In(2)
132	288.64	103.22	End Shut-In(2)
133	1638.63	103.49	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
121.00	SOMCW 75%W 20%M 5%O	0.60
63.00	VSGOMCW 50%W 43%M 5%O 2%G	0.88
30.00	SOWCM 55%M 30%W 15%O	0.42
32.00	O 100%O	0.45

* Recovery from multiple tests

Gas Rates

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

201 S Main P.O. Box 150
Bogue, KS 67625

Roberts #1

Job Ticket: 70981

DST#: 3

Test Start: 2023.10.16 @ 20:46:00

GENERAL INFORMATION:

Formation: LKC A-C

Deviated:	No	Whipstock:	ft (KB)
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Time Tool Opened: 22:33:45

Time Test Ended: 03:02:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Nathan Aneas

Unit No: 71

Interval: 3425.00 ft (KB) To 3475.00 ft (KB) (TVD)

Total Depth: 3475.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 2209.00 ft (KB)

2202.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 8676

Outside

Press@RunDepth: psig @ 3426.00 ft (KB)

Start Date: 2023.10.16

End Date: 2023 10 17

Start Time: 20:46:01

End Time: 03:02:45

Capacity: 8000.00 psig

Last Calib.: 2023.10.17

Time On Btm:

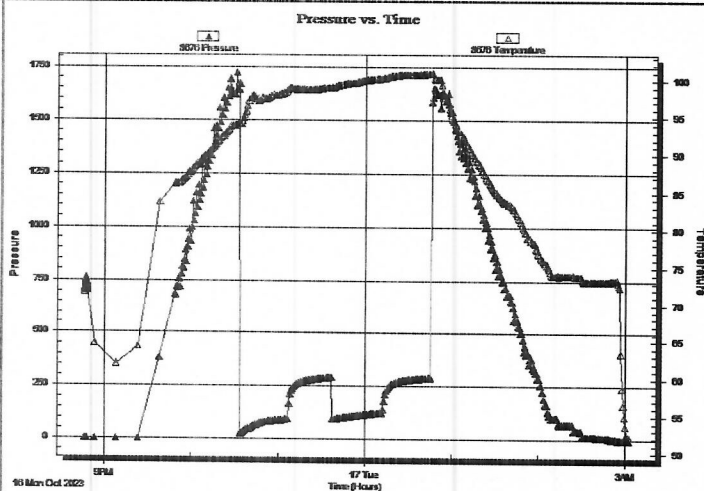
Time Off Btm:

TEST COMMENT: 30:IF- Weak surface blow, built to 3 1/4" in 10 min, final is 4 3/4"

30:ISI- No blow back

30:FF- Weak surface blow , built to 1 3/4" in 10 min, final is 1"

30:FSI- No blow back



PRESSURE SUMMARY

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

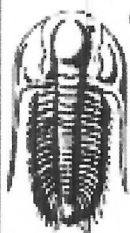
Recovery

Length (ft)	Description	Volume (bbl)
121.00	SOMCW 75%W 20%M 5%O	0.60
63.00	VSGOMCW 50%W 43%M 5%O 2%G	0.88
30.00	SOWCM 55%M 30%W 15%O	0.42
32.00	O 100%O	0.45

* Recovery from multiple tests

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Blake Exploration

12-7S-21W Graham, KS

201 S Main P.O. Box 150
Bogue, KS 67625

Roberts #1

Job Ticket: 70981

DST#: 3

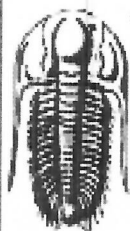
ATTN: Mike Davignon

Test Start: 2023.10.16 @ 20:46:00

Tool Information

Drill Pipe:	Length: 3275.00 ft	Diameter: 3.80 inches	Volume: 45.94 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 121.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 55000.00 lb
			Total Volume: 46.54 bbl	Tool Chased ft
Drill Pipe Above KB:	4.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3425.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	50.00 ft			
Tool Length:	83.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3393.00	
Shut In Tool	5.00			3398.00	
Hydraulic tool	5.00			3403.00	
Jars	5.00			3408.00	
EM Tool	4.00			3412.00	
Safety Joint	3.00			3415.00	
Packer	5.00			3420.00	33.00 Bottom Of Top Packer
Packer	5.00			3425.00	
Stubb	1.00			3426.00	
Recorder	0.00	8353	Inside	3426.00	
Recorder	0.00	8676	Outside	3426.00	
Perforations	12.00			3438.00	
Change Over Sub	1.00			3439.00	
Blank Spacing	32.00			3471.00	
Change Over Sub	1.00			3472.00	
Bullnose	3.00			3475.00	50.00 Bottom Packers & Anchor
Total Tool Length:	83.00				



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Blake Exploration

12-7S-21W Graham, KS

201 S Main P.O. Box 150
Bogue, KS 67625

Roberts #1

Job Ticket: 70981

DST#: 3

ATTN: Mike Davignon

Test Start: 2023.10.16 @ 20:46:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 60.00 sec/qt

Water Loss: 6.79 in³

Resistivity: 0.31 ohm.m

Salinity: 2400.00 ppm

Filter Cake: 2.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API: 32.6 deg API

Water Salinity: 36000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
121.00	SOMCW 75%W 20%M 5%O	0.595
63.00	VSGOMCW 50%W 43%M 5%O 2%G	0.884
30.00	SOWCM 55%M 30%W 15%O	0.421
32.00	O 100%O	0.449

Total Length: 246.00 ft

Total Volume: 2.349 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

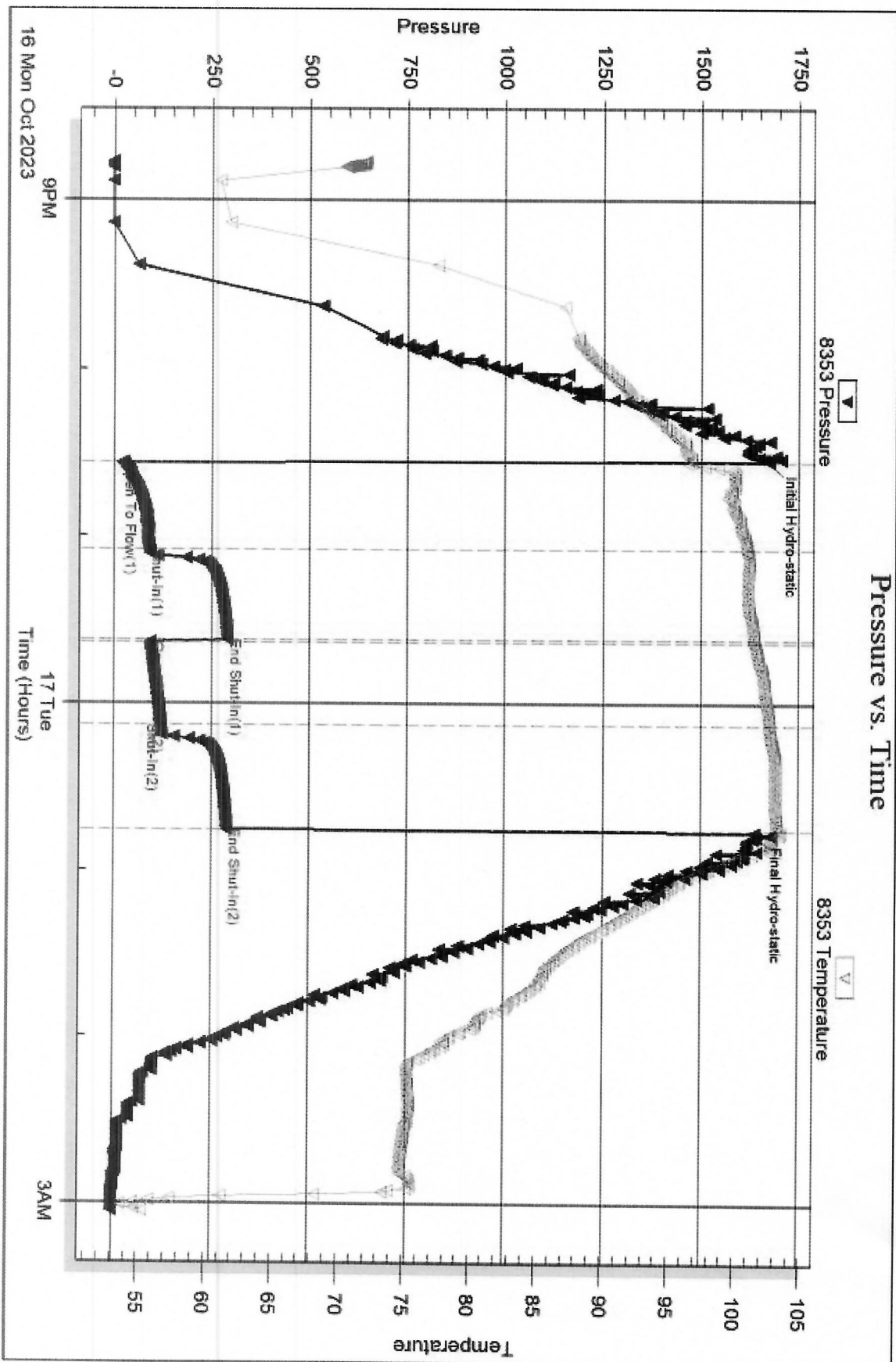
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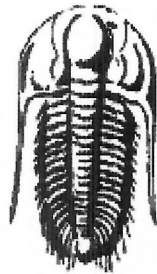
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Blake Exploration**

201 S Main P.O. Box 150
Bogue, KS 67625

ATTN: Mike Davignon

Roberts #1

12-7S-21W Graham, KS

Start Date: 2023.10.17 @ 12:04:00

End Date: 2023.10.17 @ 19:41:00

Job Ticket #: 70982 DST #: 4

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2023.10.20 @ 11:26:39

Blake Exploration

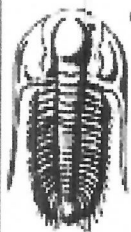
12-7S-21W Graham, KS

Roberts #1

DST # 4

LKC D-E

2023.10.17



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Blake Exploration

12-7S-21W Graham, KS

201 S Main P.O. Box 150
Bogue, KS 67625

Roberts #1

Job Ticket: 70982

DST#: 4

ATTN: Mike Davignon

Test Start: 2023.10.17 @ 12:04:00

GENERAL INFORMATION:

Formation: LKC D-E

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:44:00

Time Test Ended: 19:41:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Nathan Aneas

Unit No: 71

Interval: 3455.00 ft (KB) To 3510.00 ft (KB) (TVD)

Total Depth: 3510.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 2209.00 ft (KB)

2202.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 8353

Inside

Press@RunDepth: 195.76 psig @ 3456.00 ft (KB)

Start Date: 2023.10.17

End Date: 2023.10.17

Capacity: 8000.00 psig

Last Calib.: 2023.10.17

Start Time: 12:04:01

End Time: 19:41:00

Time On Btm: 2023.10.17 @ 13:43:15

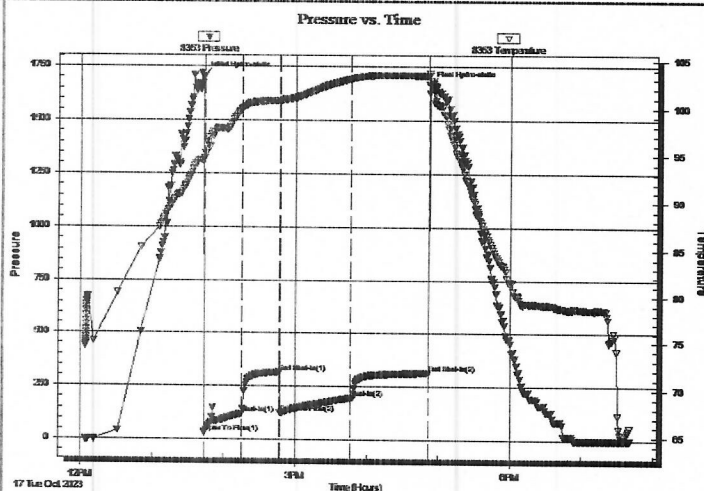
Time Off Btm: 2023.10.17 @ 16:52:00

TEST COMMENT: 30:IF- Fair surface blow, built to 6" in 6 min, BOB in 15 min, final is 15 1/2"

30:IS- Weak surface blow, built to 1 1/2" in 10 min, final is 1"

60:FF- Fair surface blow, built to 6 1/2" in 10 min, BOB in 23 min, final is 14 3/4"

60:FS- Weak surface blow, built to 2" in 12 min, final is 1/2"



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1703.79	94.67	Initial Hydro-static
1	33.69	94.71	Open To Flow (1)
32	122.30	99.91	Shut-In(1)
64	315.47	100.79	End Shut-In(1)
64	127.41	100.75	Open To Flow (2)
123	195.76	103.08	Shut-In(2)
189	312.90	103.44	End Shut-In(2)
189	1666.03	103.72	Final Hydro-static

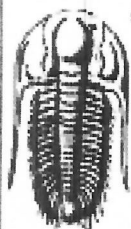
Recovery

Length (ft)	Description	Volume (bbl)
121.00	VSGOMCW 60%W 30%M 6%O 4%G	0.60
126.00	GOWCM 40%M 30%W 15%O 15%G	1.77
189.00	GO 85%O 15%G	2.65
0.00	GIP 315	0.00

* Recovery from multiple tests

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Blake Exploration

201 S Main P.O. Box 150
Bogue, KS 67625

ATTN: Mike Davignon

12-7S-21W Graham, KS

Roberts #1

Job Ticket: 70982

DST#: 4

Test Start: 2023.10.17 @ 12:04:00

GENERAL INFORMATION:

Formation: **LKC D-E**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 13:44:00

Time Test Ended: 19:41:00

Test Type: **Conventional Bottom Hole (Reset)**

Tester: **Nathan Aneas**

Unit No: **71**

Interval: **3455.00 ft (KB) To 3510.00 ft (KB) (TVD)**

Total Depth: **3510.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Poor**

Reference Elevations: **2209.00 ft (KB)**

2202.00 ft (CF)

KB to GR/CF: **7.00 ft**

Serial #: 8676

Outside

Press@RunDepth: **psig @ 3456.00 ft (KB)**

Start Date: **2023.10.17**

End Date:

2023.10.17

Capacity:

8000.00 psig

Start Time: **12:04:01**

End Time:

19:41:15

Last Calib.:

2023.10.17

Time On Btm:

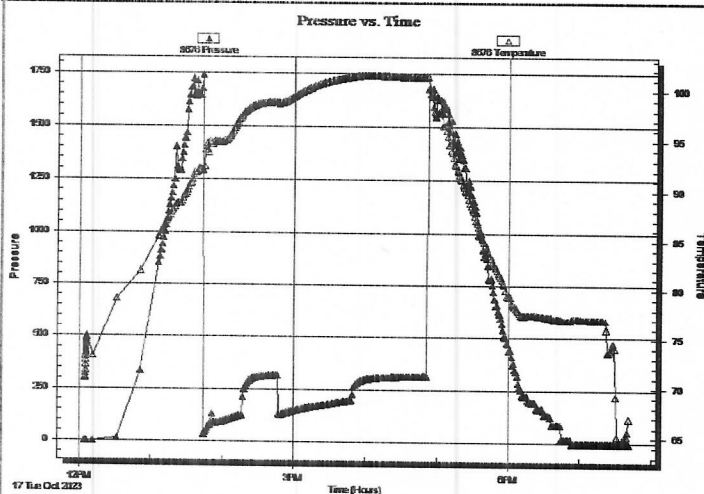
Time Off Btm:

TEST COMMENT: 30:IF- Fair surface blow , built to 6" in 6 min, BOB in 15 min, final is 15 1/2"

30:ISI- Weak surface blow , built to 1 1/2" in 10 min, final is 1"

60:FF- Fair surface blow , built to 6 1/2" in 10 min, BOB in 23 min, final is 14 3/4"

60:FSI- Weak surface blow , built to 2" in 12 min, final is 1/2"



PRESSURE SUMMARY

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

Length (ft)	Description	Volume (bbl)
121.00	VSGOMCW 60%W 30%M 6%O 4%G	0.60
126.00	GOWCM 40%M 30%W 15%O 15%G	1.77
189.00	GO 85%O 15%G	2.65
0.00	GIP 315	0.00

Gas Rates

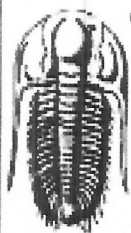
	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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* Recovery from multiple tests

Trilobite Testing, Inc

Ref. No: 70982

Printed: 2023.10.20 @ 11:26:39



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Blake Exploration

12-7S-21W Graham, KS

201 S Main P.O. Box 150
Bogue, KS 67625

Roberts #1

Job Ticket: 70982

DST#: 4

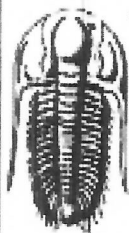
ATTN: Mike Davignon

Test Start: 2023.10.17 @ 12:04:00

Tool Information

Drill Pipe:	Length: 3307.00 ft	Diameter: 3.80 inches	Volume: 46.39 bbl	Tool Weight:	2000.00 lb		
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb		
Drill Collar:	Length: 121.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose:	60000.00 lb		
			Total Volume:	46.99 bbl	Tool Chased	ft	
Drill Pipe Above KB:	6.00 ft			String Weight: Initial	52000.00 lb	Final	54000.00 lb
Depth to Top Packer:	3455.00 ft						
Depth to Bottom Packer:	ft						
Interval between Packers:	55.00 ft						
Tool Length:	88.00 ft						
Number of Packers:	2	Diameter:	6.75 inches				
Tool Comments:							

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			3423.00		
Shut In Tool	5.00			3428.00		
Hydraulic tool	5.00			3433.00		
Jars	5.00			3438.00		
EM Tool	4.00			3442.00		
Safety Joint	3.00			3445.00		
Packer	5.00			3450.00	33.00	Bottom Of Top Packer
Packer	5.00			3455.00		
Stubb	1.00			3456.00		
Recorder	0.00	8353	Inside	3456.00		
Recorder	0.00	8676	Outside	3456.00		
Perforations	17.00			3473.00		
Change Over Sub	1.00			3474.00		
Blank Spacing	32.00			3506.00		
Change Over Sub	1.00			3507.00		
Bullnose	3.00			3510.00	55.00	Bottom Packers & Anchor
Total Tool Length:	88.00					



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Blake Exploration

12-7S-21W Graham, KS

201 S Main P.O. Box 150
Bogue, KS 67625

Roberts #1

Job Ticket: 70982

DST#: 4

ATTN: Mike Davignon

Test Start: 2023.10.17 @ 12:04:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

34.6 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 57.00 sec/qt

Cushion Volume:

bbl

Water Loss: 6.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
121.00	VSGOMCW 60%W 30%M 6%O 4%G	0.595
126.00	GOWCM 40%M 30%W 15%O 15%G	1.767
189.00	GO 85%O 15%G	2.651
0.00	GIP 315	0.000

Total Length: 436.00 ft

Total Volume: 5.013 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8353

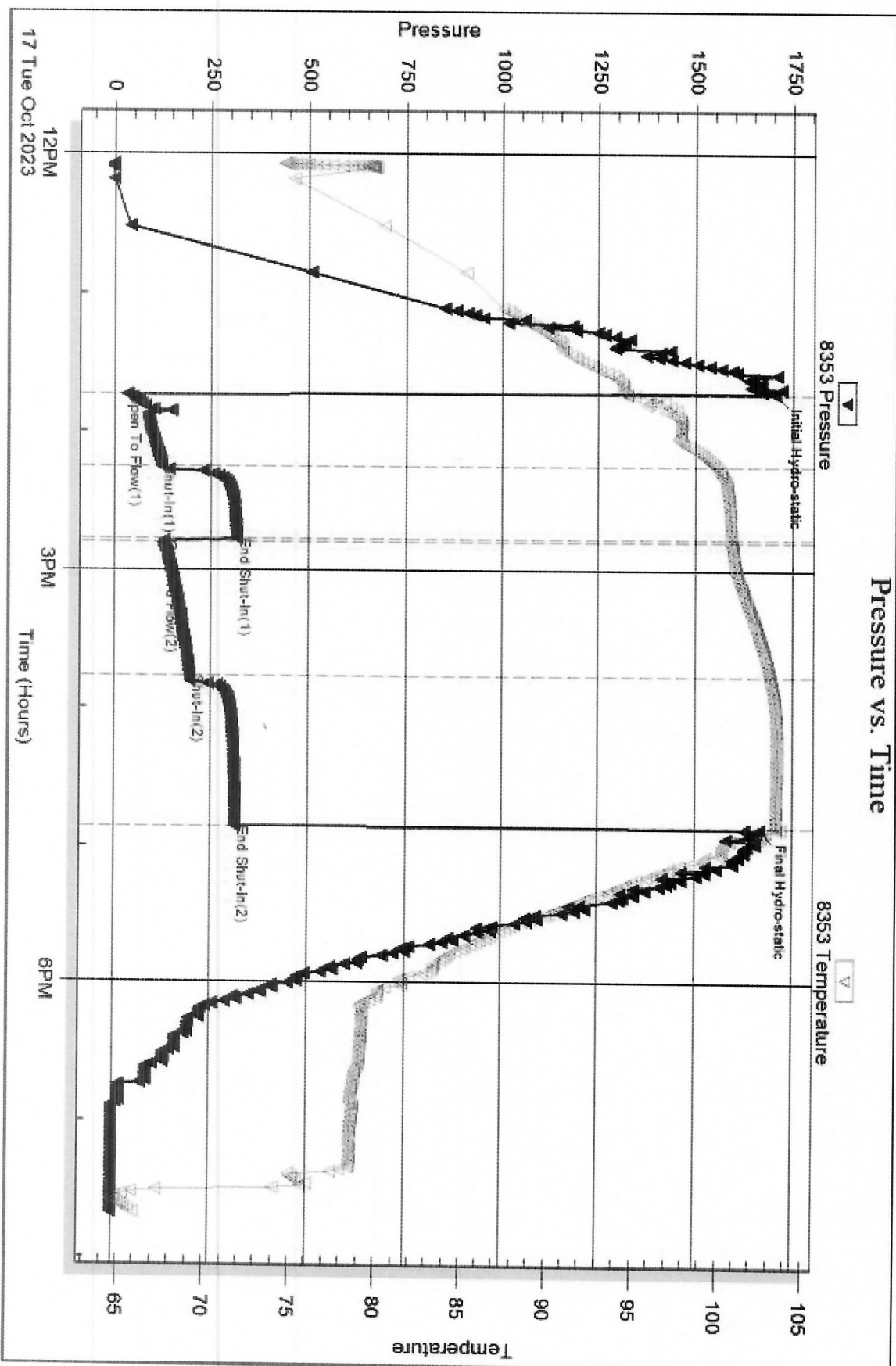
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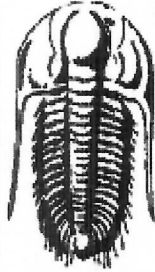
Blake Exploration

Roberts #1

DST Test Number: 4

Pressure vs. Time





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Blake Exploration**

201 S Main P.O. Box 150
Bogue, KS 67625

ATTN: Mike Davignon

Roberts #1

12-7S-21W Graham, KS

Start Date: 2023.10.18 @ 09:16:00

End Date: 2023.10.18 @ 14:47:15

Job Ticket #: 70983 DST #: 5

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2023.10.20 @ 11:24:18

Blake Exploration

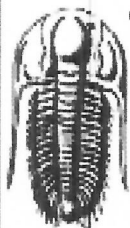
12-7S-21W Graham, KS

Roberts #1

DST # 5

LKC H-L

2023.10.18



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

Blake Exploration

201 S Main P.O. Box 150
Bogue, KS 67625

ATTN: Mike Davignon

12-7S-21W Graham, KS

Roberts #1

Job Ticket: 70983

DST#: 5

Test Start: 2023.10.18 @ 09:16:00

GENERAL INFORMATION:

Formation: **LKC H-L**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: **11:10:45**

Time Test Ended: **14:47:15**

Test Type: **Conventional Bottom Hole (Reset)**

Tester: **Nathan Aneas**

Unit No: **71**

Interval: **3540.00 ft (KB) To 3630.00 ft (KB) (TVD)**

Total Depth: **3630.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Poor**

Reference Elevations: **2209.00 ft (KB)**

2202.00 ft (CF)

KB to GR/CF: **7.00 ft**

Serial #: 8353

Inside

Press@RunDepth: **55.56 psig @ 3541.00 ft (KB)**

Start Date: **2023.10.18**

End Date: **2023.10.18**

Start Time: **09:16:01**

End Time: **14:47:15**

Capacity: **8000.00 psig**

Last Calib.: **2023.10.18**

Time On Btm: **2023.10.18 @ 11:10:00**

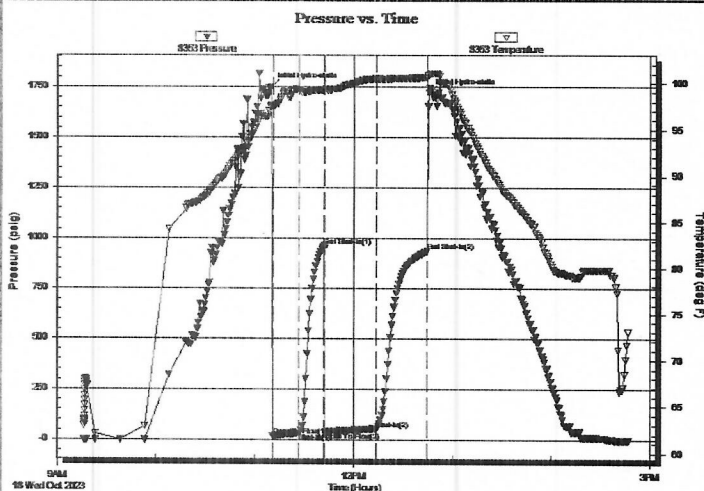
Time Off Btm:

TEST COMMENT: **15:IF- Weak surface blow , built to 3/4" in 10 min, final stayed 3/4"**

15:IS- No blow back

30:FF- Weak surface blow , built to 1/2" in 5 min, final is 1"

30:FS- No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1752.68	97.69	Initial Hydro-static
1	19.72	97.53	Open To Flow (1)
17	34.93	99.33	Shut-In(1)
32	965.64	99.28	End Shut-In(1)
33	39.02	99.31	Open To Flow (2)
64	55.56	100.49	Shut-In(2)
95	939.70	100.66	End Shut-In(2)
96	1724.51	100.90	Initial Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	VSO/WCM 95%M 4%W 1%O	0.30
20.00	VSGOWCM 90%M 5%W 3%O 2%G	0.10

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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* Recovery from multiple tests

TriLOBITE Testing, Inc

Ref. No: 70983

Printed: 2023.10.20 @ 11:24:18



Blake Exploration

ATTN: Mike Davignon

Roberts #1

Job Ticket: 70983

DST#: 5

Test Start: 2023.10.18 @ 09:16:00

Formation: LKC H-L

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:10:45

Time Test Ended: 14:47:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Nathan Aneas

Unit No: 71

Interval: 3540.00 ft (KB) To 3630.00 ft (KB) (TVD)

Total Depth: 3630.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 2209.00 ft (KB)

2202.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 8676 Outside

Press@RunDepth: psig @ 3541.00 ft (KB)

Start Date: 2023.10.18 End Date: 2023.10.18

Start Time:	09:16:01	End Time:	14:47:30
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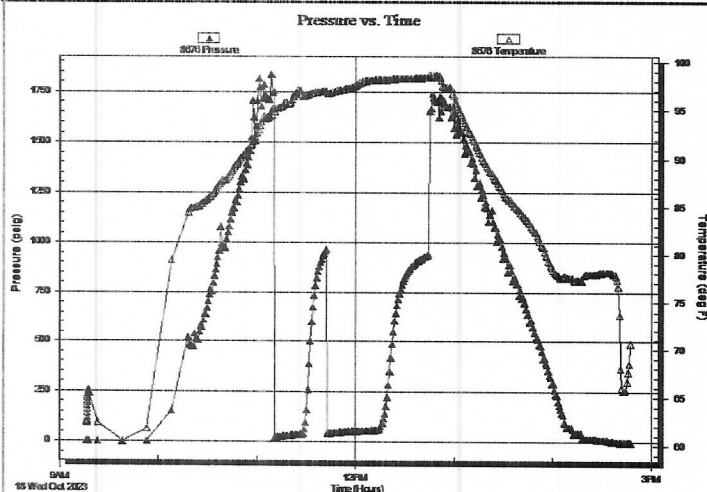
Capacity: 8000.00 psig

Last Calib.: 2023.10.18

Time On Btm:

Time Off Btm:

TEST COMMENT: 15:IF- Weak surface blow , built to 3/4" in 10 min, final stayed 3/4"
15:IS- No blow back
30:FF- Weak surface blow , built to 1/2" in 5 min, final is 1"
30:FS- No blow back



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
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	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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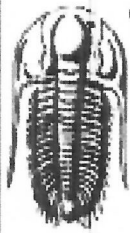
Recovery		
Length (ft)	Description	Volume (bbl)
60.00	VSOWCM 95%M 4%W 1%O	0.30
20.00	VSGOWCM 90%M 5%W 3%O 2%G	0.10

* Recovery from multiple tests

Trilobite Testing, Inc.

Ref. No: 70983

Printed: 2023.10.20 @ 11:24:18



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Blake Exploration

12-7S-21W Graham, KS

201 S Main P.O. Box 150
Bogue, KS 67625

Roberts #1

Job Ticket: 70983

DST#: 5

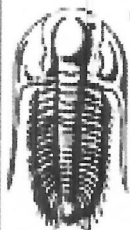
ATTN: Mike Davignon

Test Start: 2023.10.18 @ 09:16:00

Tool Information

Drill Pipe:	Length: 3402.00 ft	Diameter: 3.80 inches	Volume: 47.72 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 121.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 60000.00 lb
		Total Volume: 48.32 bbl		Tool Chased ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	3540.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	90.00 ft			
Tool Length:	123.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3508.00	
Shut In Tool	5.00			3513.00	
Hydraulic tool	5.00			3518.00	
Jars	5.00			3523.00	
EM Tool	4.00			3527.00	
Safety Joint	3.00			3530.00	
Packer	5.00			3535.00	33.00 Bottom Of Top Packer
Packer	5.00			3540.00	
Stubb	1.00			3541.00	
Recorder	0.00	8353	Inside	3541.00	
Recorder	0.00	8676	Outside	3541.00	
Perforations	21.00			3562.00	
Change Over Sub	1.00			3563.00	
Blank Spacing	63.00			3626.00	
Change Over Sub	1.00			3627.00	
Bullnose	3.00			3630.00	90.00 Bottom Packers & Anchor
Total Tool Length:		123.00			



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Blake Exploration

12-7S-21W Graham, KS

201 S Main P.O. Box 150
Bogue, KS 67625

Roberts #1

Job Ticket: 70983

DST#: 5

ATTN: Mike Davignon

Test Start: 2023.10.18 @ 09:16:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 60.00 sec/qt

Water Loss: 6.79 in³

Resistivity: ohm.m

Salinity: 2400.00 ppm

Filter Cake: 2.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

deg API

Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	VSOWCM 95%M 4%W 1%O	0.295
20.00	VSGOWCM 90%M 5%W 3%O 2%G	0.098

Total Length: 80.00 ft

Total Volume: 0.393 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8353

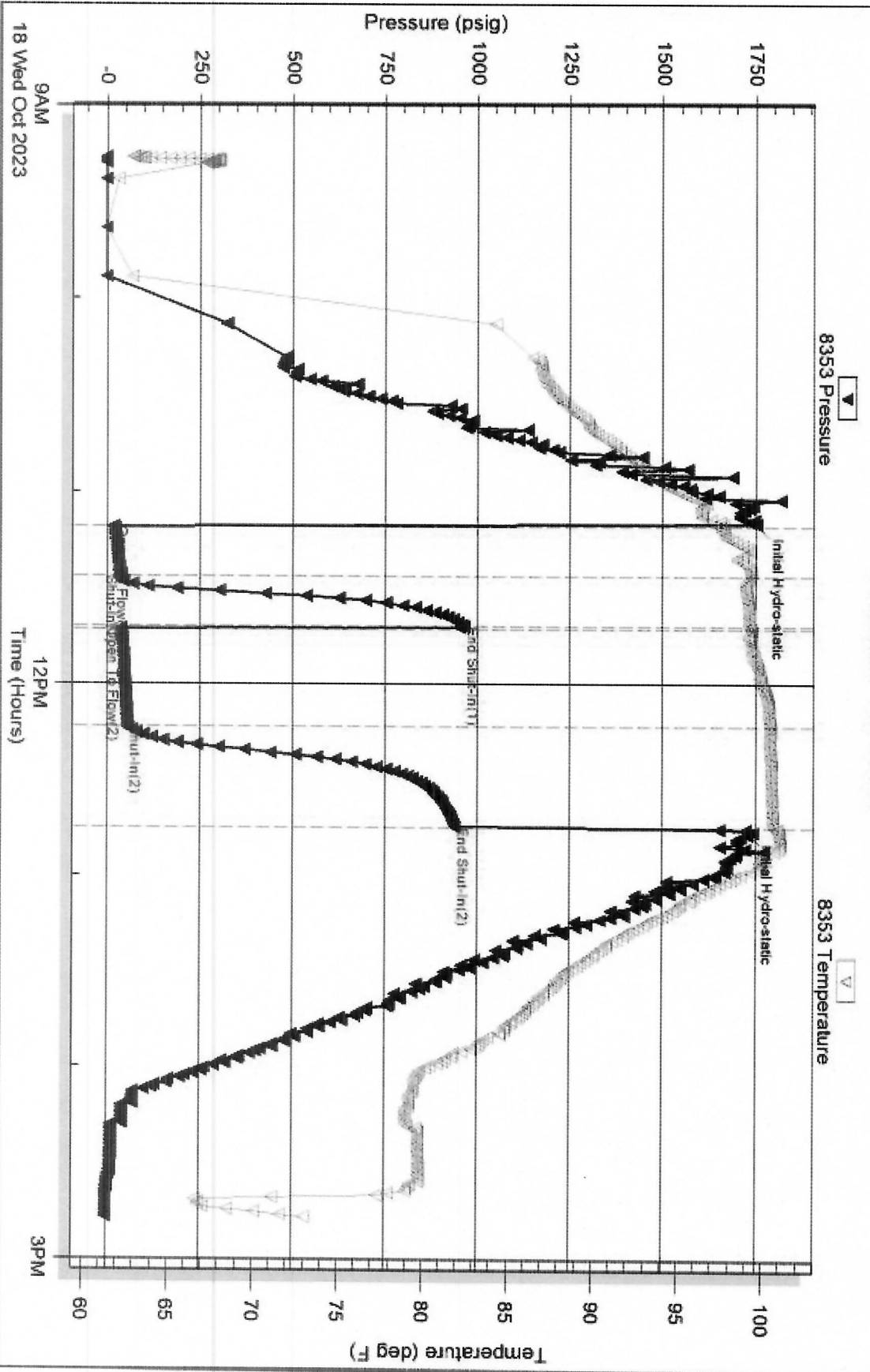
Inside

Blake Exploration

Roberts #1

DST Test Number: 5

Pressure vs. Time



Conservation Division
266 N. Main St., Ste. 220
Wichita, KS 67202-1513



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Andrew J. French, Chairperson
Dwight D. Keen, Commissioner
Annie Kuether, Commissioner

Laura Kelly, Governor

March 27, 2024

Mike Davignon
Blake Exploration, LLC
201 S MAIN
PO BOX 150
BOGUE, KS 67625-0150

Re: ACO-1
API 15-065-24280-00-00
ROBERTS 1
NW/4 Sec.12-07S-21W
Graham County, Kansas

Dear Mike Davignon:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 10/10/2023 and the ACO-1 was received on March 18, 2024 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department