

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 # 5135
 Name: Farmer, John O., Inc.
 Address 1: 370 W WICHITA AVE
 Address 2: PO BOX 352
 City: RUSSELL State: KS Zip: 67665 + 2635
 Contact Person: Marge Schulte
 Phone: (785) 483-3144
 CONTRACTOR: License # 35589
 Name: Lighthouse Drilling, LLC
 Wellsite Geologist: Austin Klaus
 Purchaser: Plains Marketing L.P.

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 #: _____

07/02/2024 07/11/2024 09/03/2024
 Spud Date or Date Reached TD Completion Date or
 Recompletion Date Recompletion Date

API No.: 15-111-20571-00-00Spot Description: W2 NE NE NW

W2- NE- NE- NW Sec. 6 Twp. 17 S. R. 10 ☒ East ☐ West
330 Feet from ☒ North / ☐ South Line of Section
2235 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: LyonLease Name: FINNEY Well #: 3Field Name: Rainbow RidgeProducing Formation: ViolaElevation: Ground: 1308 Kelly Bushing: 1320Total Vertical Depth: 3160 Plug Back Total Depth: 3112Amount of Surface Pipe Set and Cemented at: 247 FeetMultiple Stage Cementing Collar Used? ☐ Yes ☒ No

If yes, show depth set: _____ 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: 900 ppm Fluid volume: 805 bblsDewatering method used: Hauled to Disposal

Location of fluid disposal if hauled offsite:

Operator Name: John O. Farmer, Inc.Lease Name: Nielsen License #: 5135Quarter SW Sec. 25 Twp. 16 S. R. 10 ☒ East ☐ WestCounty: Lyon Permit #: D34137.0

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: 10/14/2024
☐ Confidential Release Date: 10/14/2026
☒ Wireline Log Received ☒ Drill Stem Tests Received
☒ Geologist Report / Mud Logs Received
☐ UIC Distribution
 ALT ☒ I ☐ II ☐ III Approved by: Kelsey Cox Date: 10/15/2024

Operator Name: Farmer, John O., Inc. Lease Name: FINNEY Well #: 3
 Sec. 6 Twp. 17 S. R. 10 ☒ East ☐ West County: Lyon

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: Attached	☒ Log Formation (Top), Depth and Datum ☐ Sample Name Attached Top Attached Datum Attached
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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	8.625	23	247	Class A	160	3% C.C., 2% gel
Production	7.875	5.5	14	3147	Thick Set	125	5# kolseal/sk.

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
☐ Perforate				
☐ 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>10/09/2024</u>		Producing Method: ☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain) _____			
Estimated Production Per 24 Hours	Oil Bbls. <u>7.40</u>	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
			<u>0.00</u>		

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 <u>2970</u> Bottom <u>2980</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	2970	2980			500 gals. 10% NE-FE & 10% MS
TUBING RECORD: Size: <u>2.875</u> Set At: <u>3072</u> Packer At: <u> </u>					

Form	ACO1 - Well Completion
Operator	Farmer, John O., Inc.
Well Name	FINNEY 3
Doc ID	1798767

All Electric Logs Run

Compensated Density Neutron
Micro Resistivity
Dual Induction
Dual Receiver Cement Bond

Form	ACO1 - Well Completion
Operator	Farmer, John O., Inc.
Well Name	FINNEY 3
Doc ID	1798767

Tops

Name	Top	Datum
Mississippi	2411	(-1091)
Kinderhook	2730	(-1410)
Hunton	2871	(-1551)
Maquoketa	2901	(-1581)
Viola	2970	(-1650)
Simpson Sand	3074	(-1754)
Arbuckle	3118	(-1798)
L.T.D.	3160	(-1840)

Form	ACO1 - Well Completion
Operator	Farmer, John O., Inc.
Well Name	FINNEY 3
Doc ID	1798767

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	8.625	23	247	Class A	160	3% C.C., 2% gel
Production	7.875	5.5	14	3147	Thick Set	125	5# kolseal/sk.



DRILL STEM TEST REPORT

Prepared For: **Farmer John O, Inc.**

PO Box 352
Russell, KS 67665

ATTN: Austin Klaus

Finney #3

6-17s-10e Lyon,KS

Start Date: 2024.07.09 @ 13:46:00

End Date: 2024.07.09 @ 22:12:01

Job Ticket #: 71431 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2024.07.11 @ 14:41:18



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Farmer John O, Inc.

6-17s-10e Lyon, KS

PO Box 352
Russell, KS 67665

Finney #3

Job Ticket: 71431

DST#: 1

ATTN: Austin Klaus

Test Start: 2024.07.09 @ 13:46:00

GENERAL INFORMATION:

Formation: **Viola**

Deviated: No Whipstock: 1320.00 ft (KB)

Time Tool Opened: 16:24:32

Time Test Ended: 22:12:01

Test Type: Conventional Bottom Hole (Initial)

Tester: Chris Hagman

Unit No: 69

Interval: **2972.00 ft (KB) To 2986.00 ft (KB) (TVD)**

Total Depth: 2986.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Good

Reference Elevations: 1320.00 ft (KB)

1309.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: **6752** Inside

Press@RunDepth: 87.15 psig @ 2973.00 ft (KB)

Start Date: 2024.07.09

End Date:

2024.07.09

Start Time: 13:46:01

End Time:

22:12:02

Capacity: psig

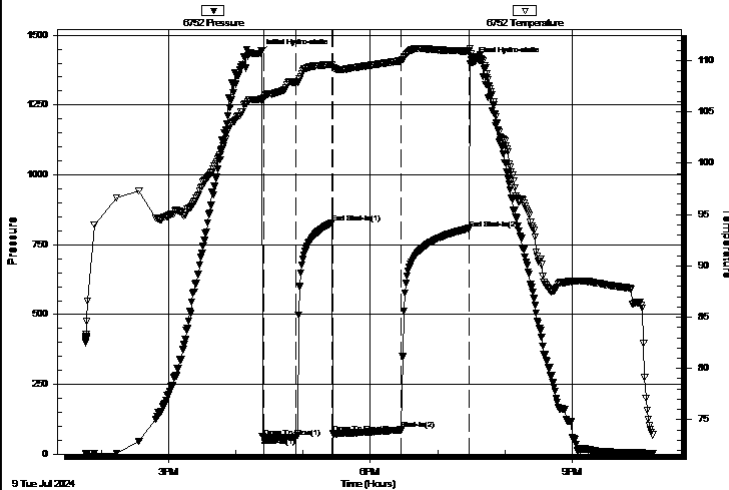
Last Calib.: 1899.12.30

Time On Btm: 2024.07.09 @ 16:21:02

Time Off Btm: 2024.07.09 @ 19:30:32

TEST COMMENT: IF: 30 min., fair building blow , 4.3 inches
IS: 30 min., no blow back
FF: 60 min., fair building blow , 4.1 inches
FS: 60 min., no blow back

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1433.88	106.20	Initial Hydro-static
4	60.45	106.33	Open To Flow (1)
33	60.49	107.84	Shut-In(1)
65	829.12	109.56	End Shut-In(1)
66	74.17	109.35	Open To Flow (2)
127	87.15	109.99	Shut-In(2)
187	807.99	110.94	End Shut-In(2)
190	1404.29	110.41	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	oily watery mud 15%O, 35%W,50%M	0.30
80.00	gassy oil 5%G,95%O	0.39

Gas Rates

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

DRILL STEM TEST REPORT

Farmer John O, Inc.

6-17s-10e Lyon,KS

PO Box 352
Russell, KS 67665

Finney #3

Job Ticket: 71431

DST#: 1

ATTN: Austin Klaus

Test Start: 2024.07.09 @ 13:46:00

GENERAL INFORMATION:

Formation: **Viola**

Deviated: No Whipstock: 1320.00 ft (KB)

Time Tool Opened: 16:24:32

Time Test Ended: 22:12:01

Test Type: Conventional Bottom Hole (Initial)

Tester: Chris Hagman

Unit No: 69

Interval: 2972.00 ft (KB) To 2986.00 ft (KB) (TVD)

Reference Elevations: 1320.00 ft (KB)

Total Depth: 2986.00 ft (KB) (TVD)

1309.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 6751 Outside

Press@RunDepth: psig @ 2973.00 ft (KB)

Capacity: psig

Start Date: 2024.07.09

End Date:

2024.07.09

Last Calib.:

1899.12.30

Start Time: 13:46:01

End Time:

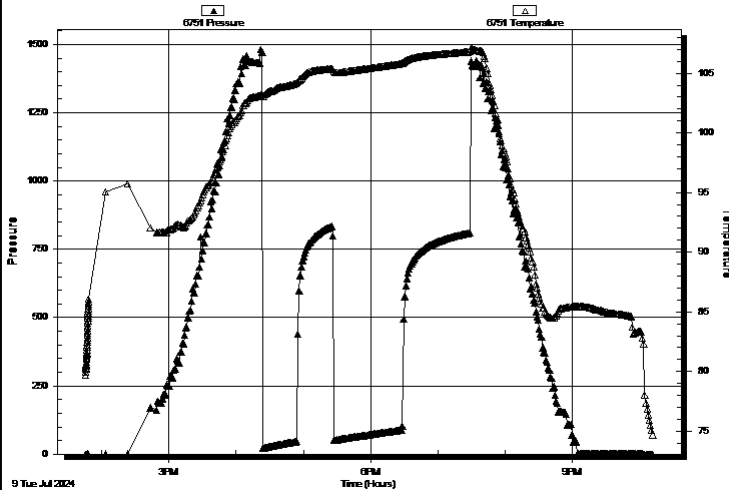
22:12:02

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: 30 min., fair building blow , 4.3 inches
IS: 30 min., no blow back
FF: 60 min., fair building blow , 4.1 inches
FS: 60 min., no blow back

Pressure vs. Time



PRESSURE SUMMARY

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

Length (ft)	Description	Volume (bbl)
60.00	oily watery mud 15%O, 35%W,50%M	0.30
80.00	gassy oil 5%G,95%O	0.39

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Farmer John O, Inc.

6-17s-10e Lyon,KS

PO Box 352
Russell, KS 67665

Finney #3

Job Ticket: 71431

DST#: 1

ATTN: Austin Klaus

Test Start: 2024.07.09 @ 13:46:00

Tool Information

Drill Pipe:	Length:	2662.00 ft	Diameter:	3.80 inches	Volume:	37.34 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length:	310.00 ft	Diameter:	2.25 inches	Volume:	1.52 bbl	Weight to Pull Loose:	55000.00 lb
					Total Volume:	38.86 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:		30.00 ft					String Weight: Initial	52000.00 lb
Depth to Top Packer:		2972.00 ft					Final	52000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		14.00 ft						
Tool Length:		44.00 ft						
Number of Packers:		2	Diameter:	6.75 inches				
Tool Comments:								

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Shut In Tool	5.00			2947.00	
Hydraulic tool	5.00			2952.00	
Isolator Sub	3.00			2955.00	
Jars	5.00			2960.00	
Safety Joint	3.00			2963.00	
Packer	5.00			2968.00	30.00 Bottom Of Top Packer
Packer	4.00			2972.00	
Stubb	1.00			2973.00	
Recorder	0.00	6752	Inside	2973.00	
Recorder	0.00	6751	Outside	2973.00	
Pickup sub perf	5.00			2978.00	
Perforations	5.00			2983.00	
Bullnose	3.00			2986.00	14.00 Bottom Packers & Anchor

Total Tool Length: 44.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Farmer John O, Inc.

6-17s-10e Lyon,KS

PO Box 352
Russell, KS 67665

Finney #3

Job Ticket: 71431

DST#: 1

ATTN: Austin Klaus

Test Start: 2024.07.09 @ 13:46:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 47.00 sec/qt

Water Loss: 10.38 in³

Resistivity: ohm.m

Salinity: 800.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

26 deg API

4000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	oily watery mud 15%O, 35%W,50%M	0.295
80.00	gassy oil 5%G,95%O	0.393

Total Length: 140.00 ft

Total Volume: 0.688 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: API=26

RW=1.81@80F=4000

Serial #: 6752

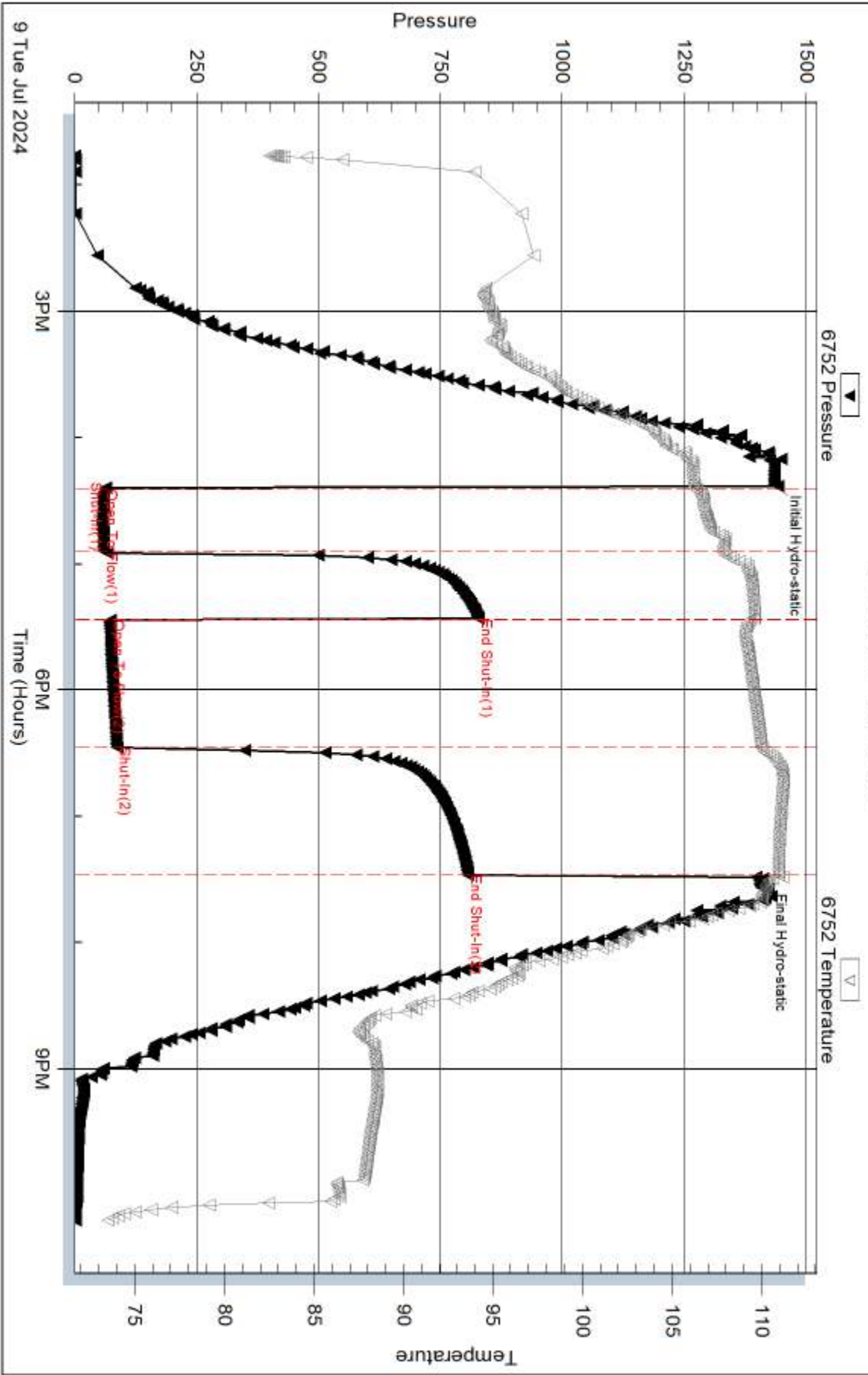
Inside

Farmer John O, Inc.

Finney #3

DST Test Number: 1

Pressure vs. Time

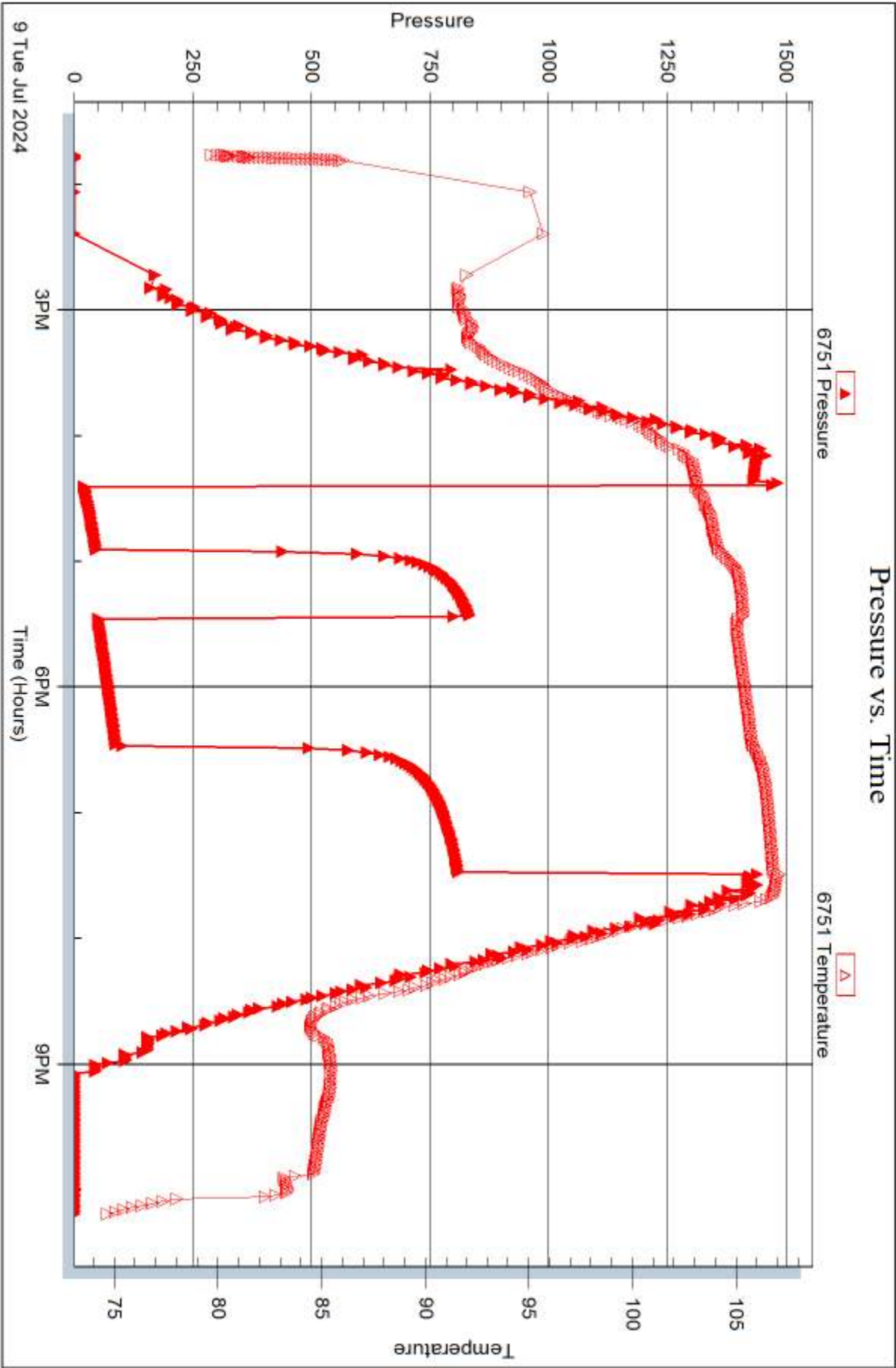


Serial #: 6751

Outside Farmer John O, Inc.

Finney #3

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Farmer John O, Inc.**

PO Box 352
Russell, KS 67665

ATTN: Austin Klaus

Finney #3

6-17s-10e Lyon,KS

Start Date: 2024.07.10 @ 08:42:00

End Date: 2024.07.10 @ 15:04:02

Job Ticket #: 71432 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2024.07.11 @ 14:38:39



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Farmer John O, Inc.

6-17s-10e Lyon, KS

PO Box 352
Russell, KS 67665

Finney #3

Job Ticket: 71432

DST#: 2

ATTN: Austin Klaus

Test Start: 2024.07.10 @ 08:42:00

GENERAL INFORMATION:

Formation: **Simpson Dol.**

Deviated: No Whipstock: 1320.00 ft (KB)

Time Tool Opened: 11:24:32

Time Test Ended: 15:04:02

Test Type: Conventional Bottom Hole (Initial)

Tester: Chris Hagman

Unit No: 69

Interval: **3035.00 ft (KB) To 3062.00 ft (KB) (TVD)**

Reference Elevations: 1320.00 ft (KB)

Total Depth: 3062.00 ft (KB) (TVD)

1309.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: **6752** Inside

Press@RunDepth: 239.71 psig @ 3037.00 ft (KB)

Capacity: psig

Start Date: 2024.07.10

End Date:

2024.07.10

Last Calib.:

1899.12.30

Start Time: 08:42:01

End Time:

15:04:02

Time On Btm:

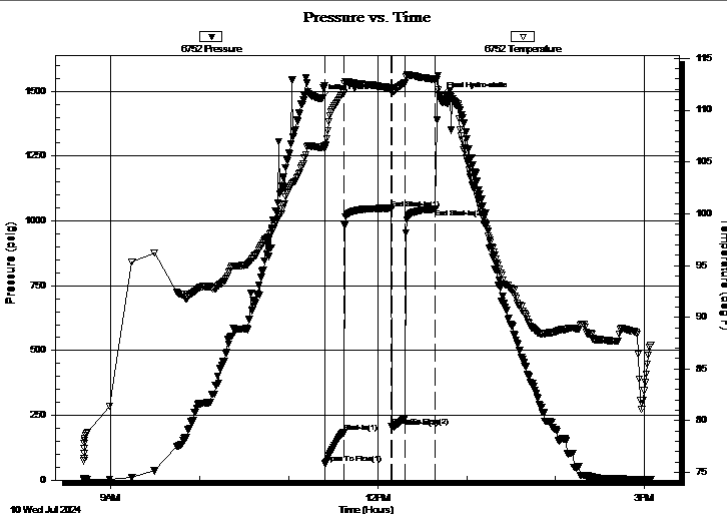
2024.07.10 @ 11:22:47

Time Off Btm:

2024.07.10 @ 12:41:47

TEST COMMENT: IF: 10 min., BOB 5 min., strong building blow , 25 inches
IS: 30 min., no blow back
FF: 10 min., BOB 6 min., strong building blow , 17 inches
FS: 20 min., no blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1472.69	106.41	Initial Hydro-static
2	65.61	106.30	Open To Flow (1)
15	184.71	111.70	Shut-In(1)
47	1045.89	112.13	End Shut-In(1)
47	206.29	111.89	Open To Flow (2)
56	239.71	112.64	Shut-In(2)
77	1046.38	112.97	End Shut-In(2)
79	1481.51	111.44	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
500.00	100%W	3.91

Gas Rates

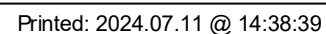
	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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Test Start: 2024.07.10 @ 08:42:00

KB to GR/CF: 11.00 ft

FSI: 20 min., no blow back





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Farmer John O, Inc.

6-17s-10e Lyon,KS

PO Box 352
Russell, KS 67665

Finney #3

Job Ticket: 71432

DST#: 2

ATTN: Austin Klaus

Test Start: 2024.07.10 @ 08:42:00

Tool Information

Drill Pipe:	Length: 2692.00 ft	Diameter: 3.80 inches	Volume: 37.76 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: 341.00 ft	Diameter: 2.25 inches	Volume: 1.68 bbl	Weight to Pull Loose:	70000.00 lb
		Total Volume:	39.44 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial	53000.00 lb
Depth to Top Packer:	3035.00 ft			Final	54000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	27.00 ft				
Tool Length:	57.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		
Tool Comments:					

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Shut In Tool	5.00			3010.00	
Hydraulic tool	5.00			3015.00	
Isolator Sub	3.00			3018.00	
Jars	5.00			3023.00	
Safety Joint	3.00			3026.00	
Packer	5.00			3031.00	30.00 Bottom Of Top Packer
Packer	4.00			3035.00	
Stubb	1.00			3036.00	
Perforations	1.00			3037.00	
Recorder	0.00	6752	Inside	3037.00	
Recorder	0.00	6751	Outside	3037.00	
Pickup sub perf	5.00			3042.00	
Perforations	17.00			3059.00	
Bullnose	3.00			3062.00	27.00 Bottom Packers & Anchor

Total Tool Length: 57.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Farmer John O, Inc.

6-17s-10e Lyon,KS

PO Box 352
Russell, KS 67665

Finney #3

Job Ticket: 71432

DST#: 2

ATTN: Austin Klaus

Test Start: 2024.07.10 @ 08:42:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 70.00 sec/qt

Water Loss: 9.18 in³

Resistivity: ohm.m

Salinity: 500.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

Oil API:

deg API

Water Salinity: 10000 ppm

ft

bbl

psig

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
500.00	100%W	3.907

Total Length: 500.00 ft Total Volume: 3.907 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW=.55@80F=10000

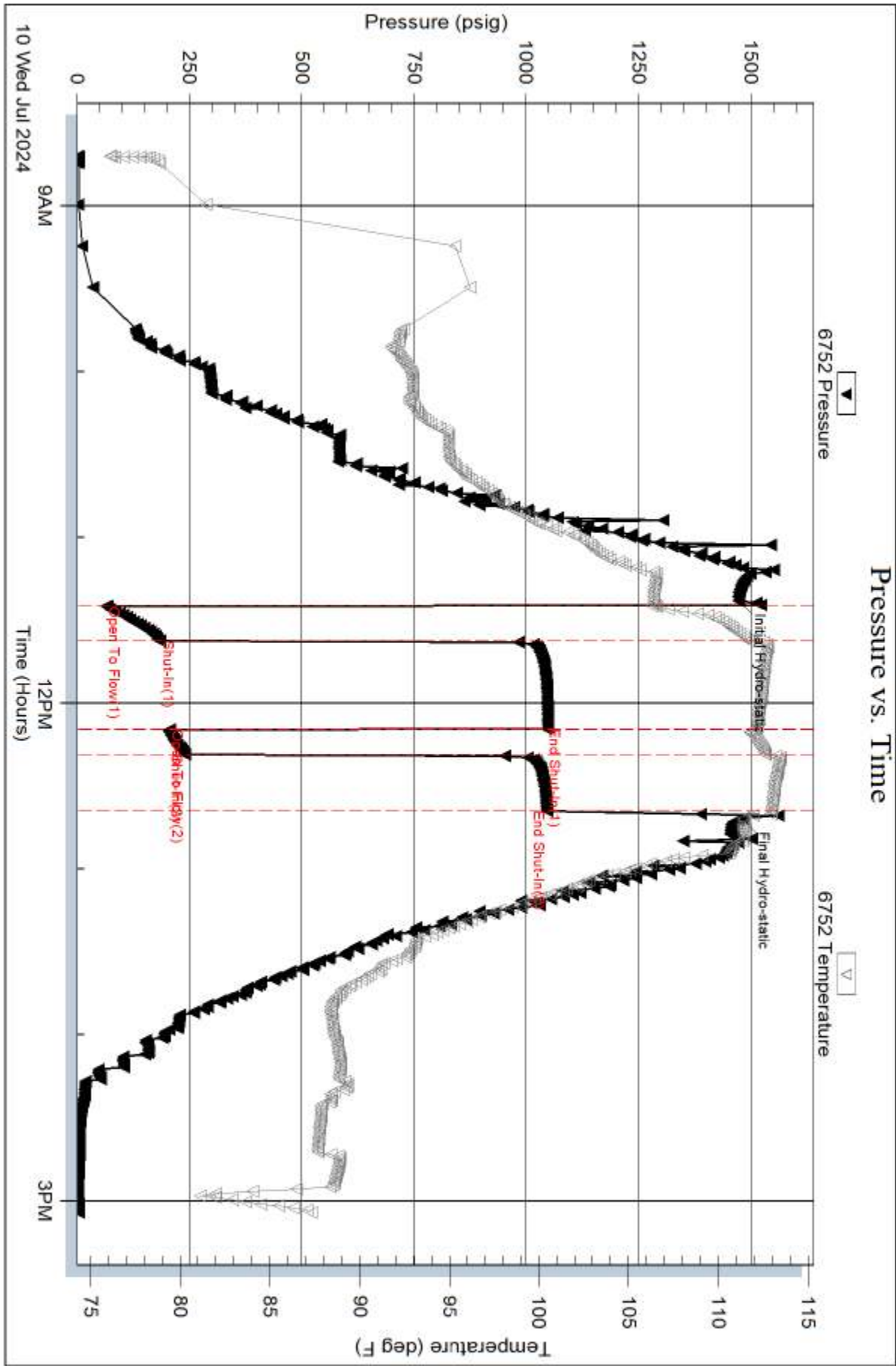
Serial #: 6752

Inside

Farmer John O, Inc.

Finney #3

DST Test Number: 2

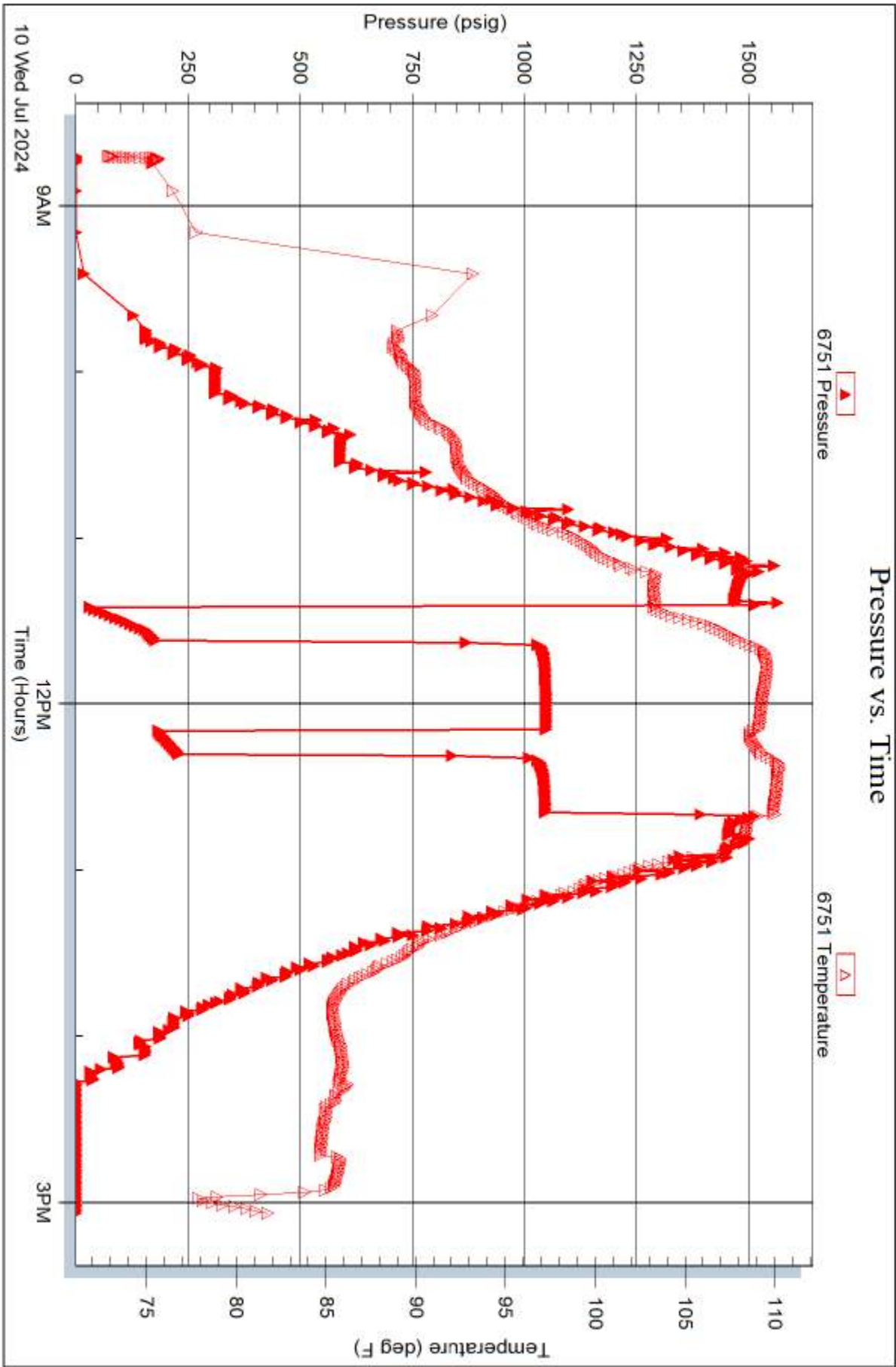


Serial #: 6751

Outside Farmer John O, Inc.

Finney #3

DST Test Number: 2





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 71431

Well Name & No. Finney 03 Test No. 1 Date 07-9-24
Company Farmer John O, Inc. Elevation 1320 KB 1309 GL
Address P.O. Box 352 Russell, KS 67665
Co. Rep / Geo Austin Klaus Rig Lighthouse
Location: Sec. 6 Twp 17 Rge. 10 Co. Lyon State KS

Interval Tested 2972-2986 Zone Tested Uola
Anchor Length 14' Drill Pipe Run 2662 Mud Wt. 9.4
Top Packer Depth 2967 Drill Collars Run ~~2662~~ 310' Vis 47
Bottom Packer Depth 2972 Wt. Pipe Run N.A. WL 10.4
Total Depth 2986 Chlorides 800 ppm System LCM 2 #
Blow Description IF: 30 min., fair building blow, 4.3 inches
BSZ: 30 min., no blow back
RF: 60 min., fair building blow, 4.1 inches
FSD: 60 min., no blow back

Rec	Feet of	%gas	%oil	%water	%mud
<u>60</u>	<u>oily watery mud</u>	<u>15</u>	<u>35</u>	<u>50</u>	
<u>80</u>	<u>gassy oil</u>	<u>5</u>	<u>95</u>		

Rec Total 140 BHT 111 Gravity 26 API RW 1.81 @ 80 °F Chlorides 4000 ppm

Initial Hydrostatic 1439 ☒ Test 1800 ☐ Ruined Shale Packer

Initial Flow 60 to 60 ☐ Jars ☐ Ruined Packer

Initial Shut-In 829 ☐ Circ Sub ☒ Hotel

Final Flow 74 to 87 ☐ Hourly Standby ☒ EM Tool Successful good

Final Shut-In 808 ☒ Mileage 150mi 262.50 20mi 35 ☐ Accessibility

Final Hydrostatic 1404 ☐ Sampler ☐ Gas Sample

T- On Location 1230 ☐ Straddle ☐ Oversized Hole

Initial Flow 30 T-Started 1345 ☒ Shale Packer X 1.0 250 ☐ Sub Total 0

Initial Shut-In 30 T-Open 1630 ☐ Extra Packer ☐ Total 2347.50

Final Flow 60 T-Pulled ~~2030~~ 1930 ☐ Extra Recorder ☐ Tool Loaded @

Final Shut-In 60 T-Out 2230 ☐ Day Standby ☐ MP/DST Disc't

Comments 1346

Approved By _____ Our Representative 785-656-3947
Chris Hegman

Trilobite Testing Inc. shall not be liable for damage of any kind of property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 71432

Well Name & No. Finney #3 Test No. 2 Date 07-10-24
 Company Farmer John O, Inc. Elevation 1320 KB 1309 GL
 Address P.O. Box 352 Russell, KS 67665
 Co. Rep / Geo Austin Klaus Rig Lighthouse #1
 Location: Sec. 6 Twp 17 Rge. 10 Co. Lyon State KS

Interval Tested 3035-3062 Zone Tested Simpson Dol.
 Anchor Length 27' Drill Pipe Run 2492 Mud Wt. 9.35
 Top Packer Depth 3030 Drill Collars Run 341 Vis 70
 Bottom Packer Depth 3035 Wt. Pipe Run N.A. WL 9.2
 Total Depth 3062 Chlorides 500 ppm System LCM 2#

Blow Description PE: 10 min, BOB 5 min, strong building blow, 25 inches
ISE: 30 min, no blow back
FF: 10 min, BOB 6 min, strong building blow, 17 inches
FST: 20 min, no blow back

Rec	Feet of	%gas	%oil	%water	%mud
<u>500</u>	<u>water</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 500' BHT 113 Gravity _____ API RW .55 @ 80 °F Chlorides 10,000 ppm
 Initial Hydrostatic 1473 ☒ Test env. 1800 ☐ Ruined Shale Packer _____
 Initial Flow 66 to 185 ☐ Jars _____ ☐ Ruined Packer _____
 Initial Shut-In 1046 ☐ Circ Sub _____ ☐ Hotel _____
 Final Flow 206 to 240 ☐ Hourly Standby _____ ☒ EM Tool Successful good -175
 Final Shut-In 1046 ☒ Mileage x330 (Pratt) ☐ Accessibility _____
 Final Hydrostatic 1482 ☐ Sampler _____ ☐ Gas Sample _____

T- On Location 0830 ☐ Straddle _____ ☐ Oversized Hole _____
 Initial Flow 10 T-Started 0900 ☒ Shale Packer x1.0 250 ☐ Sub Total -175
 Initial Shut-In 30 T-Open 1130 ☐ Extra Packer _____ ☐ Total 2172.50
 Final Flow 10 T-Pulled 1240 ☐ Extra Recorder _____ ☒ Tool Loaded _____ @ _____
 Final Shut-In 20 T-Out 1500 ☐ Day Standby _____ ☐ MP/DST Disc't _____

Comments _____

Approved By _____ Our Representative Chris Hagan

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AUSTIN B. KLAUS



Cell 785.650.3629
Work 785.483.3145
Ext 225

PO BOX 352
Russell, KS 67665
austin.klaus@johnofarmer.com

Scale 1:240 (5"=100') Imperial
Measured Depth Log

Well Name:	Finney #3		
API:	15-111-20571-00-00		
Location:	Lyon County		
License Number:		Region:	Kansas
Spud Date:	7/2/2024	Drilling Completed:	7/11/2024
Surface Coordinates:	330' FNL & 2,235' FEL		
	Section 6, Township 17 South, Range 10 East		
Bottom Hole	Vertical well w/ minimal deviation, same as above		
Coordinates:			
Ground Elevation (ft):	1,308	K.B. Elevation (ft):	1,320
Logged Interval (ft):	2,300	To:	3158
		Total Depth (ft):	3160
Formation:	Mississippian - Arbuckle		
Type of Drilling Fluid:	Chemical (Mud Co.)		

Printed by StripLog from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: John O. Farmer, Inc.
Address: 370 W. Wichita Ave.
Russell, KS 67665

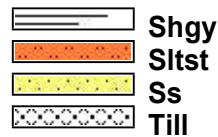
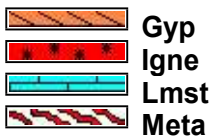
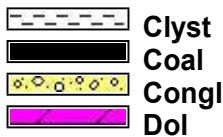
Comments

The Finney #3 well was drilled by Lighthouse Drilling Rig #1 (Tool Pusher: Harley Graves).

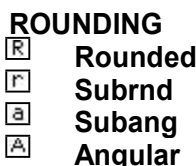
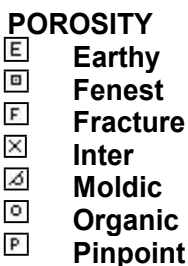
The location for the Finney #3 was discovered via 3D seismic. Drill time was recorded, and rock samples were evaluated from 2,600' - 3160'. Oil shows were encountered in the Hunton, Viola, and Simpson Dolomite formations. Structurally, the Hunton top was picked 4' low to the comparison well, Finney #2 (John O. Farmer, Inc.). Due to the structural position, the Hunton oil show was deemed not worthy of drill stem testing as it was already condemned by a drill stem test in the Finney #1. Structural thinning occurred at the base of the Hunton, which resulted in a Viola picked 1' high to the comparison well. A bottom-hole drill stem test was conducted over the top 16' of the Viola, which yielded primarily oil (see results below). A second bottom-hole drill stem test was conducted over the Simpson Dolomite, yielding 500' of water.

After evaluation of all oil shows, DST results, & electric logs, it was decided that 5 1/2" production casing be set to further evaluate the Finney #3 on 7/11/2024.

ROCK TYPES

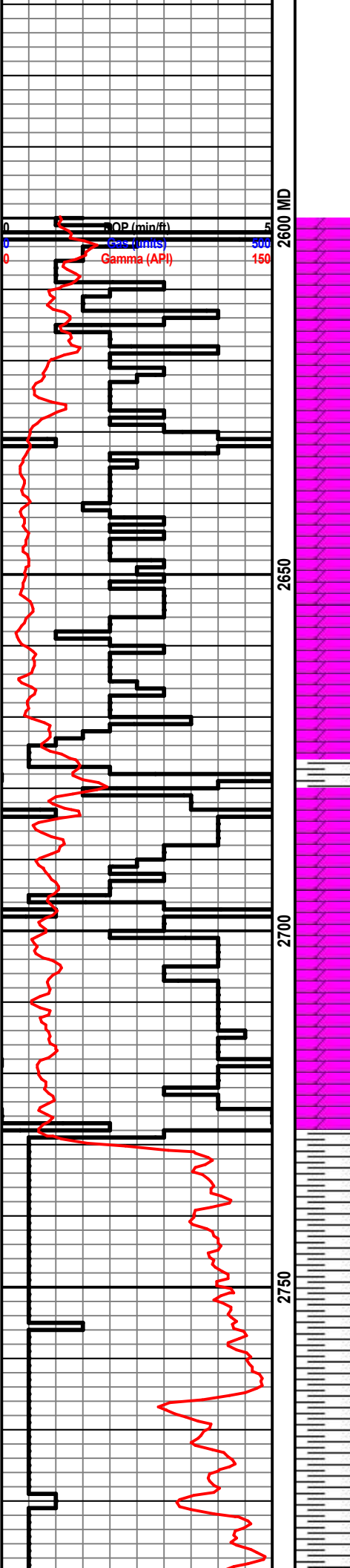


OTHER SYMBOLS



Curve Track 1			MD	Lithology	Oil Shows	Geological Descriptions	DST/Mud/Survey																					
ROP (min/ft)	Gas (units)	Gamma (API)																										
0	0	0	25			<i>The open-hole logging was performed by Mr. Colby Dreiling with Gemini Wireline, LLC (Hays, KS). Logs included: Compensated Density Neutron, Dual Induction, and Microresistivity.</i> <i>Formation tops and datums from the open-hole logs include the following:</i> <table><thead><tr><th>Formation</th><th>E-Log</th><th>Datum</th></tr></thead><tbody><tr><td>Miss.</td><td>2411</td><td>-1091</td></tr><tr><td>Kinderhook</td><td>2730</td><td>-1410</td></tr><tr><td>Hunton</td><td>2871</td><td>-1551</td></tr><tr><td>Maq.</td><td>2901</td><td>-1581</td></tr><tr><td>Viola</td><td>2970</td><td>-1650</td></tr><tr><td>...</td><td>...</td><td>...</td></tr></tbody></table>	Formation	E-Log	Datum	Miss.	2411	-1091	Kinderhook	2730	-1410	Hunton	2871	-1551	Maq.	2901	-1581	Viola	2970	-1650	...	...	...	Mud Engineer: Jason Whiting Tester: Chris Hageman
Formation	E-Log	Datum																										
Miss.	2411	-1091																										
Kinderhook	2730	-1410																										
Hunton	2871	-1551																										
Maq.	2901	-1581																										
Viola	2970	-1650																										
...	...	...																										
Daily Activity:																												
7/2/2024: Spud @ 8:30am																												
7/3/2024: 267', wait on cement, shut down for weather																												
7/7/2024: 1,992', drilling																												
7/8/2024: 2,321', drilling																												
7/9/2024: 2,977', drilling																												
7/10/2024: 3,062', run DST #2																												
7/11/2024: 3,160', lay down drill pipe																												

Simp. SD	3074	-1754
Arbuckle	3118	-1798
LTD	3160	-1840



Dolo: tan-bm, fn-sub xln, mostly DNS

Dolo: ala

Dolo: tan-bm, fn xln, poor int xln porosity, barren, chert

Dolo: off wh tan-bm, fn xln, fair int xln porosity, barren, scat chert

Dolo: tan-gry, fn-sub xln, DNS, chert

Dolo: ala

Dolo: tan-gry-bm, fn-sub xln, DNS, scat sh: drk gry

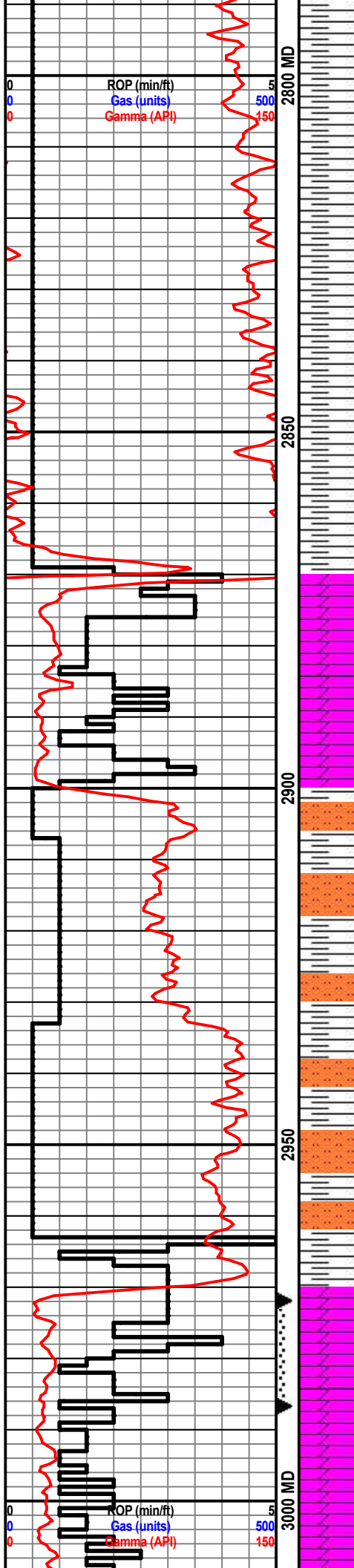
Kinderhook 2727' (-1407)

Sh: lt-drk gry

Sh: ala

Sh: lt-drk gry, soft

Sh: lt-drk gry, soft



Sh: ala

Sh: lt-drk gry, soft

Sh: lt-drk gry, soft

Sh: ala

Hunton 2869' (-1549)

Dolo: wh-off wh, fn xln, fair, few rxs good int xln porosity, scat hvy tarry oil, SSFO, sl odor

Dolo: off wh-lt gry, fn-vry fn xln, poor-fair int xln porosity, NSFO, scat sh: drk gry

Maquoketa 2898' (-1578)

Sh: lt-drk gry, silt stn in part

Sh/silt stn: ala

ALA

Sh: lt gry, scat sltstn

Sh/silt stn: ala

Viola 2971' (-1651)

Dolo: off wh-lt gry, fn-md xln, scat crs xln, fair-good int xln porosity, few rxs w good sucrosic xln porosity, fair-good oil stn (hvy), F-GSFO when brkn, good odor

Dolo: off wh-lt gry, fn-md xln, poor-fair int xln porosity, hvy chert-off wh, NSFO

Dolo: off wh-lt gry, fn-md xln, fair-good int xln porosity, w scat good suc. xln porosity, sl-fair oil stn in porosity (hvy), SSFO when brkn, fair odor

Wt: 9.4

Vis: 47

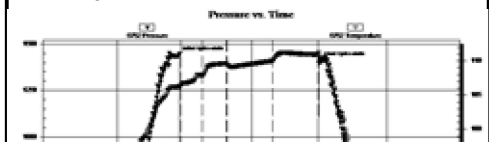
DST #1 2,972 - 2,986' Viola

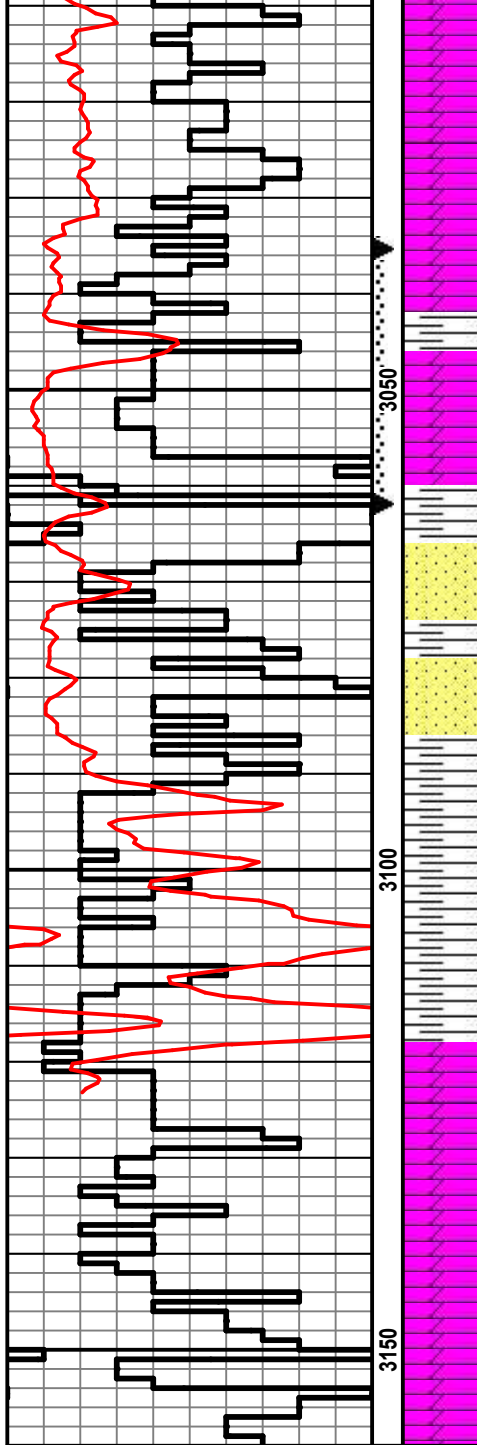
30" - 30" - 60" - 60"

IF: weak blow building to 4.3", no blow back on shut in
FF: weak blow building to 4.1", no blow back on shut in

Rec: 80' Gassy Oil (5%G, 95%O)
60' Heavy Oil Cut Watery Mud (15%O, 35%W, 50%M)

FP: 60-60, 74-87#
SIP: 829-808#
HP: 1,434 - 1,404#
BHT: 110





Dolo: tan-bm-lt gry, fn xln, poor int xln porosity, chert-off wh

Dolo: ala

Dolo: tan-bm-lt gry, fn xln, poor int xln porosity, few rxns w/ fair-good int xln porosity, NSFO

Simpson Dolo 3047' (-1727)

Dolo: off wh-tan, fn-md xln, few rxns crs xln, fair-good int xln porosity, fair-good oil sat (hvy), SSFO, good odor

Simpson Sand 3067' (-1747)

Ss: qtz, off wh, fn-md gm, fairly md, fair-good cementing, fair-poorly sorted, fair int gm porosity, NSFO

Ss: qtz, off wh, fn-md gm, ang, well cemented, poorly sorted, poor-fair int gm porosity, barren

Sh: lt-drk gry

Sh: drk gry-blk

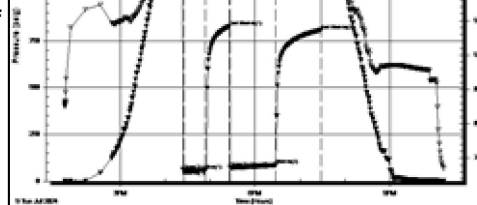
Arbuckle 3122' (-1802)

Dolo: tan-gry, fn-sub xln, DNS, scat chert-off wh

Dolo: ala

Dolo: tan-lt gry, fn-sub xln, DNS, hvy chert-off wh

Dolo: ala



DST #2 3,035 - 3,062' Simpson Dolomite
10" - 30" - 10" - 20"

IF: BOB in 5 minutes, no blow back on shut in

FF: BOB in 6 minutes, no blow back on shut in

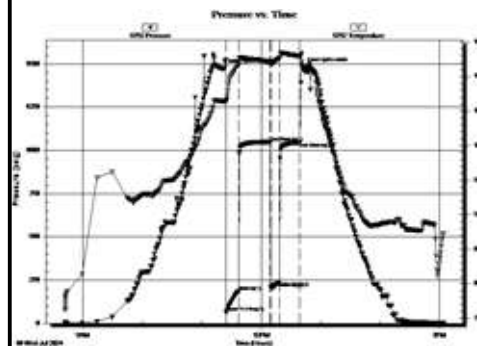
Rec: 500' Water

FP: 66-185, 206-240#

SIP: 1,046-1,046#

HP: 1,473-1,482#

BHT: 111



Wt: 9.3

Vis: 70



TERMS: Cash in advance unless Hurricane Services Inc. (HSI) has approved credit prior to sale. Credit terms of sale for approved accounts are total invoice due on or before the 30th day from the date of invoice. Past due accounts shall pay interest on the balance past due at the rate of 1% per month or the maximum allowable by applicable state or federal laws. In the event it is necessary to employ an agency and/or attorney to affect the collection, Customer hereby agrees to pay all fees directly or indirectly incurred for such collection. In the event that Customer's account with HSI becomes delinquent, HSI has the right to revoke any discounts previously applied in arriving at net invoice price. Upon revocation, the full invoice price without discount is immediately due and subject to collection. Prices quoted are estimates only and are good for 30 days from the date of issue. Pricing does not include federal, state, or local taxes, or royalties and stated price adjustments. Actual charges may vary depending upon time, equipment, and material ultimately required to perform these services. Any discount is based on 30 days net payment terms or cash. **DISCLAIMER NOTICE:** Technical data is presented in good faith, but no warranty is stated or implied. HSI assumes no liability for advice or recommendations made concerning the results from the use of any product or service. The information presented is a best estimate of the actual results that may be achieved and should be used for comparison purposes and HSI makes no guarantee of future production performance. Customer represents and warrants that well and all associated equipment in acceptable condition to receive services by HSI. Likewise, the customer guarantees proper operational care of all customer owned equipment and property while HSI is on location performing services. The authorization below acknowledges the receipt and acceptance of all terms/conditions stated above, and Hurricane has been provided accurate well information in determining taxable services.

CUSTOMER AUTHORIZATION SIGNATURE

ftv: 16-2022/08/12
mplv: 453-2024/05/20

Hurricane Services, Inc.
50 N. Water St., Suite #200
Tulsa, OK 74102



Customer: Farmer, John O. Inc.		Lease & Well #: Finney #3		Date: 7/11/2024	
Service District: Eureka		County & State: Lyon, KS		Job #: EP14125	
Job Type: Longstring		Legals S/T/R New Well? ☒ YES ☐ No		Ticket #	
Equipment #		Driver		Job Safety Analysis - A Discussion of Hazards & Safety Procedures	
1003	David	☒ PROD ☐ INJ ☐ SWD		☐ Lockout/Tagout	
1203	Broker	☒ Hard hat		☐ Warning Signs & Flagging	
1212	Monty	☒ H2S Monitor		☐ Fall Protection	
		☒ Safety Footwear		☒ Specific Job Sequence/Expectations	
		☐ FRC/Protective Clothing		☒ Muster Point/Medical Locations	
		☐ Hearing Protection		☐ Additional concerns or issues noted below	
		☒ Gloves			
		☒ Eye Protection			
		☐ Respiratory Protection			
		☐ Additional Chemical/Acid PPE			
		☒ Fire Extinguisher			

Comments: API# 15-111-20571. RTD-3160' KB. 5 1/2" 14# Casing set @ 3146.99' = 4' above GL. Shoe Jt - 44.47'. Centralizers on #1,3,5,7,9,11. Basket in middle of #12. Longstring - 125 sks Thick Set Cement w/ 5# Kolseal/sk, 1# Phenoseal/sk. Plug RH w/ 30 sks & MH w/ 20 sks. 175 sks Total.

Product/Service Code	Description	Unit of Measure	Quantity	Net Amount
		job	1.00	\$2,250.00
D014	Depth Charge: 3001'-4000'	mi	70.00	\$280.00
M010	Heavy Equipment Mileage	mi	70.00	\$140.00
M015	Light Equipment Mileage	tm	696.15	\$1,044.23
M020	Ton Mileage			
		sack	175.00	\$4,812.50
CP063	H842 Thickset	lb	875.00	\$656.25
CP110	Kol Seal	lb	175.00	\$306.25
CP125	Pheno Seal	ea	1.00	\$250.00
		ea	1.00	\$400.00
FE140	5 1/2" Guide Shoe	ea	1.00	\$350.00
FE147	5 1/2" Float Collar - AFU Flapper Type	ea	1.00	\$360.00
FE170	5 1/2" Latch Down Plug & Baffle	ea	6.00	\$300.00
FE125	5 1/2" Centralizer	ea	1.00	\$30.00
FE130	5 1/2" Cement Basket	gal	1.00	
AF055	Liquid KCL Substitute	day	1.00	\$275.00
R061	Service Supervisor			

Customer Section: On the following scale how would you rate Hurricane Services Inc.?		Total Taxable \$ -		Tax Rate:		Net: \$11,454.23	
Based on this job, how likely is it you would recommend HSI to a colleague?		State tax laws deem certain products and services used on new wells to be sales tax exempt. Hurricane Services relies on the customer provided well information above to make a determination if services and/or products are tax exempt.		Sale Tax: \$ -		Total: \$ 11,454.23	
1 2 3 4 5 6 7 8 9 10 ☒		HSI Representative: David Gardner					

TERMS: Cash in advance unless Hurricane Services Inc. (HSI) has approved credit prior to sale. Credit terms of sale for approved accounts are total invoice due on or before the 30th day from the date of invoice. Past due accounts shall pay interest on the balance past due at the rate of 1 1/2% per month or the maximum allowable by applicable state or federal laws. In the event it is necessary to employ an agency and/or attorney to affect the collection, Customer hereby agrees to pay all fees directly or indirectly incurred for such collection. In the event that Customer's account with HSI becomes delinquent, HSI has the right to revoke any discounts previously applied in arriving at net invoice price. Upon revocation, the full invoice price without discount is immediately due and subject to collection. Prices quoted are estimates only and are good for 30 days from the date of issue. Pricing does not include federal, state, or local taxes, or royalties and stated price adjustments. Actual charges may vary depending upon time, equipment, and material ultimately required to perform these services. Any discount is based on 30 days net payment terms or cash. **DISCLAIMER NOTICE:** Technical data is presented in good faith, but no warranty is stated or implied. HSI assumes no liability for advice or recommendations made concerning the results from the use of any product or service. The information presented is a best estimate of the actual results that may be achieved and should be used for comparison purposes and HSI makes no guarantee of future production performance. Customer represents and warrants that well and all associated equipment in acceptable condition to receive services by HSI. Likewise, the customer guarantees proper operational care of all customer owned equipment and property while HSI is on location performing services. The authorization below acknowledges the receipt and acceptance of all terms/conditions stated above, and Hurricane has been provided accurate well information in determining taxable services.

CUSTOMER AUTHORIZATION SIGNATURE

Austin - Geologist

ftv: 16-2022/
mplv: 455-2024/