

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1

January 2018

Form must be Typed

Form must be Signed

All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

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 #: _____

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple 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: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

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: _____

Confidential Release Date: _____

Wireline Log Received Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT I II III Approved by: _____ Date: _____

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

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 <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Geologist Report / Mud Logs <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> 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

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> 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:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
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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>

TUBING RECORD:	Size:	Set At:	Packer At:	
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CEMENT TREATMENT REPORT

Customer: American Warrior	Well: Patricia #1-9	Ticket: WP 5363
City, State: Rexford KS	County: Thomas KS	Date: 4/30/2024
Field Rep: Amelio	S-T-R: 9-6S-31W	Service: Surface

Downhole Information	Calculated Slurry - Lead	Calculated Slurry - Tail
Hole Size: 12 1/4 in	Blend: H-325	Blend:
Hole Depth: 355 ft	Weight: 14.8 ppg	Weight: ppg
Casing Size: 8 5/8 in	Water / Sx: 6.9 gal / sx	Water / Sx: gal / sx
Casing Depth: 352 ft	Yield: 1.41 ft ³ / sx	Yield: ft ³ / sx
Tubing / Liner: in	Annular Bbls / Ft.: 0.0735 bbs / ft.	Annular Bbls / Ft.: bbs / ft.
Depth: ft	Depth: 352 ft	Depth: ft
Tool / Packer:	Annular Volume: 25.9 bbls	Annular Volume: 0 bbls
Tool Depth: ft	Excess:	Excess:
Displacement: 21.0 bbls	Total Slurry: 56.5 bbls	Total Slurry: 0.0 bbls
	Total Sacks: 225 sx	Total Sacks: 0 sx

TIME	RATE	PSI	STAGE BBLs	TOTAL BBLs	REMARKS
11:20 PM			-	-	Arrived on location
11:30 PM				-	Safety meeting
11:40 PM				-	Rigged up
2:05 AM				-	Casing on bottom
2:08 AM				-	Circulated mud
2:18 AM	4.0	100.0	5.0	5.0	Water ahead
2:21 AM	3.5	170.0	56.5	61.5	Mixed 225 sacks H-325 cement @ 14.8 ppg
2:39 AM	5.0	200.0	21.0	82.5	Begin displacement
2:44 AM		50.0		82.5	Plug down and shut in with 2 bbls/8 sacks cement circulated to pit
2:46 AM				82.5	Washed up and rigged down
3:20 AM				82.5	Left location

CREW		UNIT	SUMMARY		
Cementer:	John	947	Average Rate	Average Pressure	Total Fluid
Pump Operator:	Angelo	208	4.2 bpm	130 psi	83 bbls
Bulk #1:	Robbie	242			
Bulk #2:	Michael				



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

American Warrior, Inc.
 PO Box 399
 Garden City, Ks 67846
 ATTN: Marc Downing

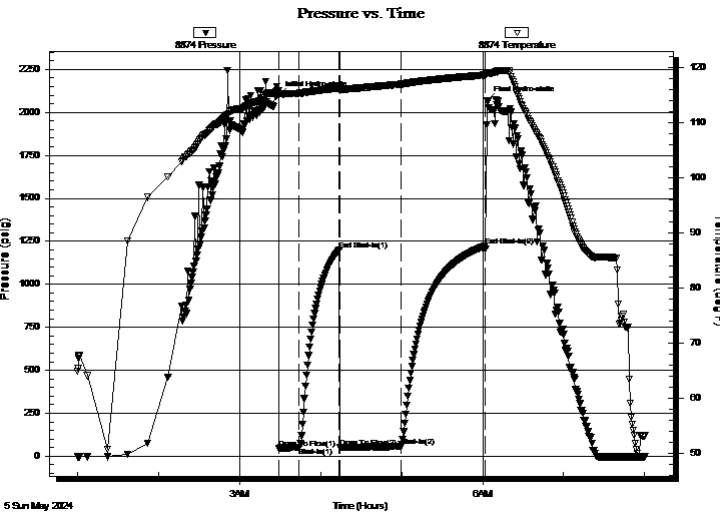
9 6s 31w Thomas Ks
Patricia 1-9
 Job Ticket: 71829 **DST#: 1**
 Test Start: 2024.05.05 @ 01:00:00

GENERAL INFORMATION:

Formation: **LKC J**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 03:29:15
 Time Test Ended: 08:00:15
 Interval: **4111.00 ft (KB) To 4160.00 ft (KB) (TVD)**
 Total Depth: 4160.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Bradley Walter
 Unit No: 78
 Reference Elevations: 2972.00 ft (KB)
 2959.00 ft (CF)
 KB to GR/CF: 13.00 ft

Serial #: 8874 Outside
 Press@RunDepth: 56.59 psig @ 4112.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2024.05.05 End Date: 2024.05.05 Last Calib.: 2024.05.05
 Start Time: 01:00:05 End Time: 08:00:14 Time On Btm: 2024.05.05 @ 03:29:00
 Time Off Btm: 2024.05.05 @ 06:03:30

TEST COMMENT: IF: 1/2" blow .
 IS: No return.
 FF: 1/4" blow .
 FS: No return. 15-30-45-60



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2099.43	115.84	Initial Hydro-static
1	47.53	115.04	Open To Flow (1)
16	50.90	115.38	Shut-In(1)
45	1201.57	116.37	End Shut-In(1)
46	52.28	115.89	Open To Flow (2)
91	56.59	117.06	Shut-In(2)
153	1221.96	118.71	End Shut-In(2)
155	2068.18	119.06	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
65.00	Mud 100m (oil spots in tool)	0.32

Gas Rates

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

American Warrior, Inc.

9 6s 31w Thomas Ks

PO Box 399
Garden City, Ks 67846

Patricia 1-9

Job Ticket: 71829

DST#: 1

ATTN: Marc Downing

Test Start: 2024.05.05 @ 01:00:00

GENERAL INFORMATION:

Formation: **LKC J**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:29:15

Time Test Ended: 08:00:15

Test Type: Conventional Bottom Hole (Initial)

Tester: Bradley Walter

Unit No: 78

Interval: 4111.00 ft (KB) To 4160.00 ft (KB) (TVD)

Reference Elevations: 2972.00 ft (KB)

Total Depth: 4160.00 ft (KB) (TVD)

2959.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 13.00 ft

Serial #: 8319 Inside

Press@RunDepth: psig @ 4112.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2024.05.05

End Date:

2024.05.05

Last Calib.:

1899.12.30

Start Time: 01:00:05

End Time:

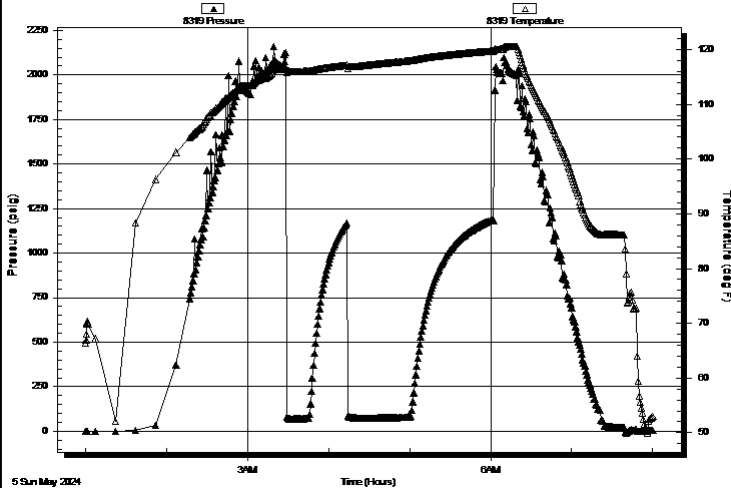
08:00:14

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: 1/2" blow .
IS: No return.
FF: 1/4" blow .
FS: No return. 15-30-45-60

Pressure vs. Time



PRESSURE SUMMARY

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

Length (ft)	Description	Volume (bbl)
65.00	Mud 100m (oil spots in tool)	0.32

Gas Rates

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

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior, Inc.

9 6s 31w Thomas Ks

PO Box 399
Garden City, Ks 67846

Patricia 1-9

Job Ticket: 71829

DST#: 1

ATTN: Marc Downing

Test Start: 2024.05.05 @ 01:00:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.40 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 800.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
65.00	Mud 100m (oil spots in tool)	0.320

Total Length: 65.00 ft Total Volume: 0.320 bbl

Num Fluid Samples: 0

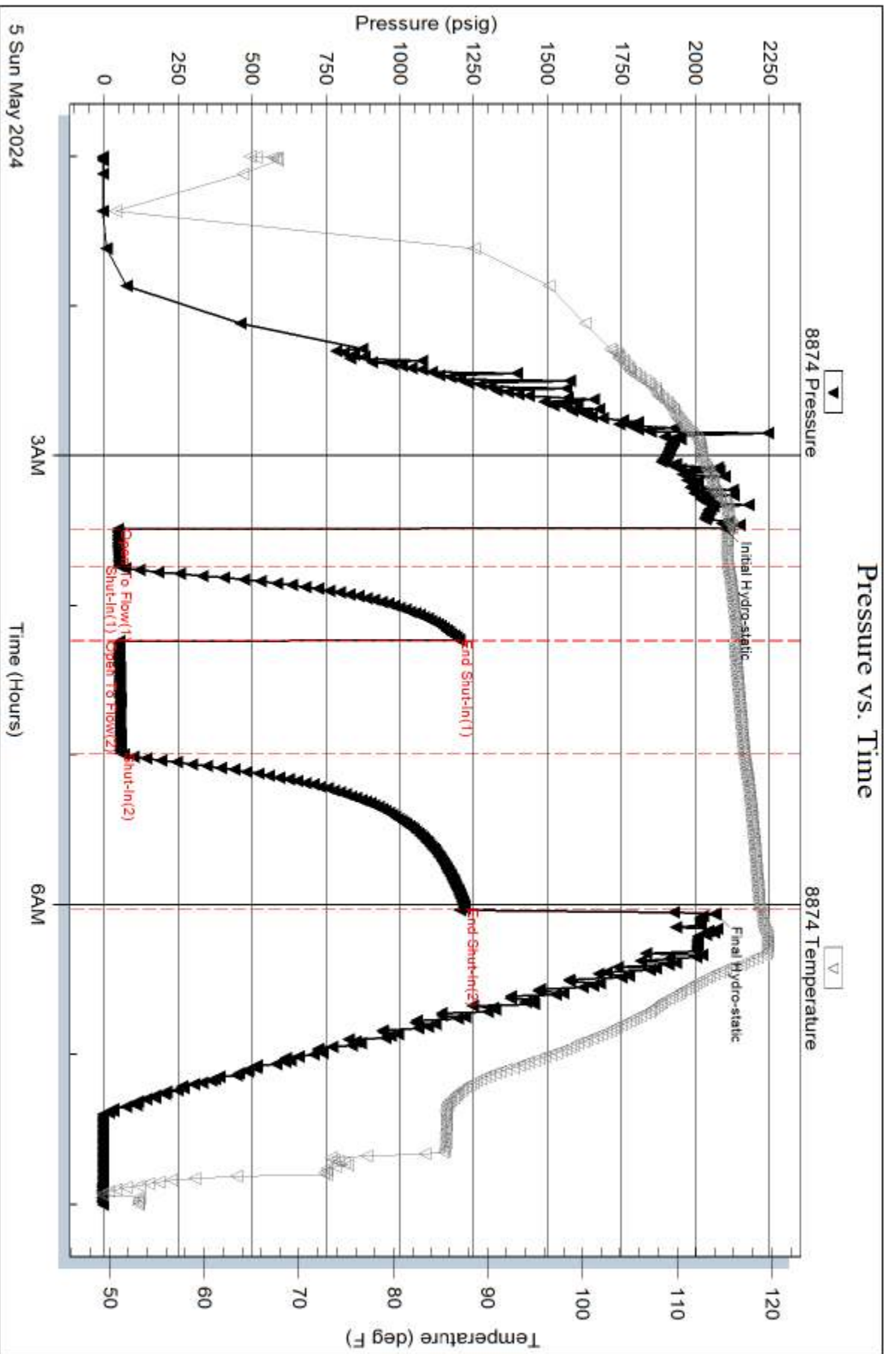
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



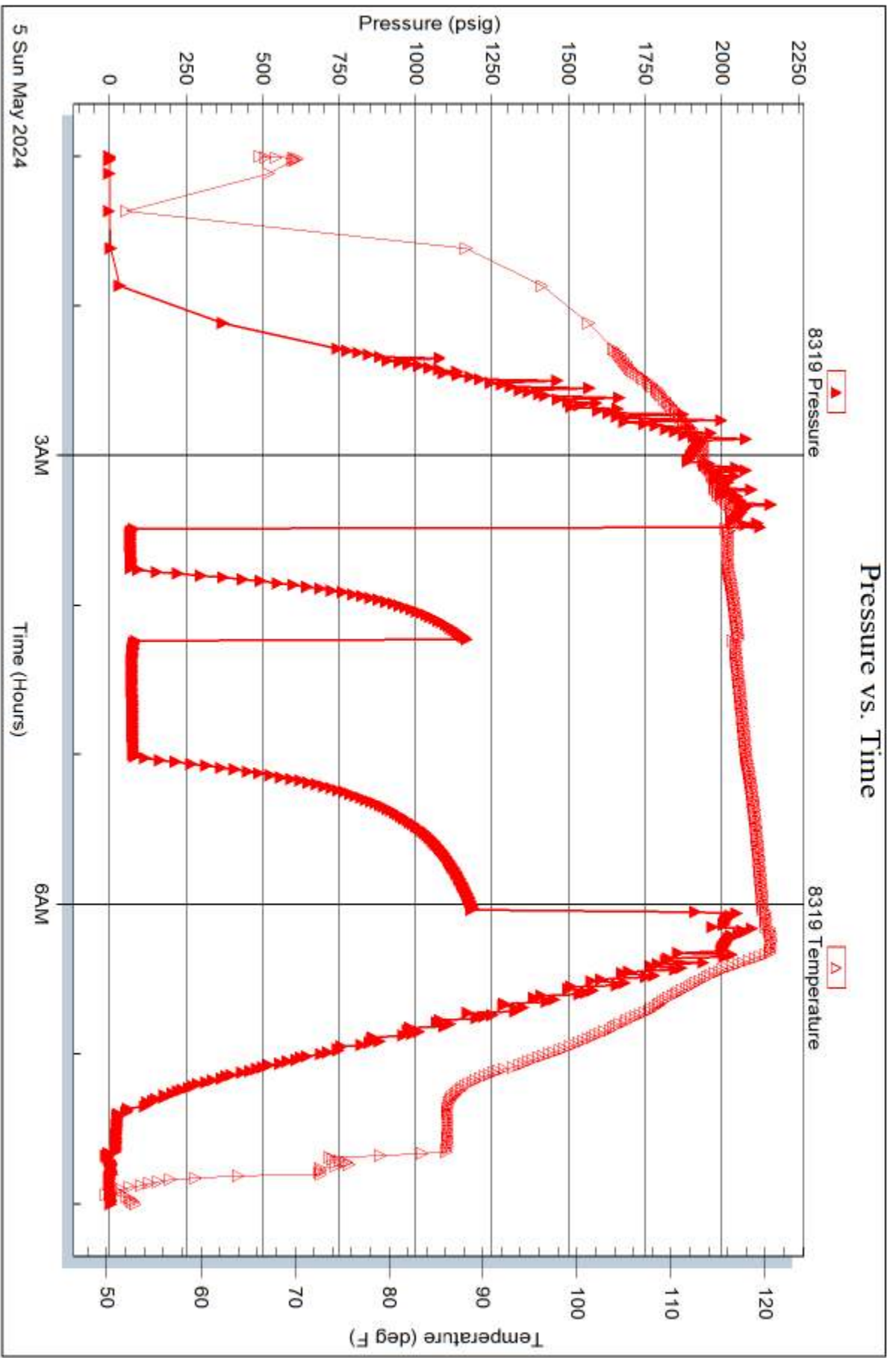
Serial #: 8319

Inside

American Warrior, Inc.

Patricia 1-9

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 71829

Printed: 2024.05.05 @ 09:15:15



CEMENT TREATMENT REPORT

Customer: American Warrior	Well: Patricia #1-9	Ticket: WP 5382
City, State: Rexford KS	County: Thomas KS	Date: 5/7/2024
Field Rep: Amelio	S-T-R: 9-6S-31W	Service: PTA

Downhole Information	
Hole Size:	7 7/8 in
Hole Depth:	4590 ft
Casing Size:	in
Casing Depth:	ft
Tubing / Liner:	in
Depth:	ft
Tool / Packer:	
Tool Depth:	ft
Displacement:	bbls

Calculated Slurry - Lead	
Blend:	H-Plug A
Weight:	13.8 ppg
Water / Sx:	6.9 gal / sx
Yield:	1.42 ft ³ / sx
Annular Bbls / Ft.:	0.0406 bbs / ft.
Depth:	2650 ft
Annular Volume:	107.6 bbls
Excess:	
Total Slurry:	64.4 bbls
Total Sacks:	255 sx

Calculated Slurry - Tail	
Blend:	
Weight:	ppg
Water / Sx:	gal / sx
Yield:	ft ³ / sx
Annular Bbls / Ft.:	bbs / ft.
Depth:	ft
Annular Volume:	0 bbls
Excess:	
Total Slurry:	0.0 bbls
Total Sacks:	0 sx

TIME	RATE	PSI	STAGE BBLs	TOTAL BBLs	REMARKS
2:20 AM			-	-	Arrived on location
2:30 AM				-	Safety meeting
2:40 AM				-	Rigged up
3:10 AM	4.0	200.0	15.0	15.0	Water ahead
3:17 AM	2.5	120.0	12.6	27.6	Mixed 50 sacks H-Plug A cement 13.8 ppg @ 2650'
3:22 AM	2.0	70.0	5.0	32.6	Begin water displacement
3:28 AM			24.3	56.9	Begin mud displacement
				56.9	
4:07 AM	4.5	170.0	15.0	71.9	Water ahead
4:11 AM	3.5	100.0	25.2	97.1	Mixed 100 sacks H-Plug A cement 13.8 ppg @ 1800'
4:23 AM	4.5	70.0	16.0	113.1	Begin water displacement
5:16 AM	4.5	100.0	15.0		Water ahead
5:20 AM	3.0	50.0	12.6		Mixed 50 sacks H-Plug A cement 13.8 ppg @ 400'
5:26 AM	2.0	50.0	1.0		Begin displacement
6:17 AM	2.0	50.0	2.5		Mixed 10 sacks H-Plug A cement 13.8 ppg with 8 5/8 wooden plug for top 40'
6:21 AM	2.0	50.0	3.7		Mixed 15 sacks H-Plug A cement 13.8 ppg for mousehole plug
6:26 AM	2.0	50.0	7.5		Mixed 30 sacks H-Plug A cement 13.8 ppg for rathole plug
6:31 AM					Plug down
6:33 AM					Washed up and rigged down
7:00 AM					Left location

CREW		UNIT	SUMMARY		
Cementer:	John	947	Average Rate	Average Pressure	Total Fluid
Pump Operator:	Angelo	208	3.0 bpm	90 psi	155 bbls
Bulk #1:	Mack	205			
Bulk #2:					

Marc A. Downing Consulting Petroleum Geologist		Geological Report Drilling Time and Sample Log	
Operator American Warrior, Inc.		Elevation	
Lease Paticia #1-9	KB 2972		
API # 15-193-21126-0000	DF 2970		
Field Wildeat	GL 2959		
Location 1676' FSL & 1147' FWL		Casing Record	
Sec. 9	Twp. 6s	Rge. 31w	Surf. 8 5/8" @ 352'
County Thomas	State Kansas	Prod. None	
Electrical Surveys CNDL, DIL, MEL			
Formation	Sample Tops	Log Tops	Datum
Top Anhydrite	2649	2647	325
Base Anhydrite	2682	2680	292
Structure			Struct Comp
Topeka	3758	3756	-784
Heebner	3936	3934	-962
Toronto	3969	3968	-996
LKC	3985	3983	-1011
Stark	4158	4157	-1185
BKC	4216	4215	-1243
Pawnee	4328	4328	-1356
Fort Scott	4392	4392	-1420
Cherokee Sh	4410	4410	-1438
Morrow	4445	4444	-1472
Miss	4531	4529	-1557
Total Depth	4590	4589	-1617
Reference Well for Structural Comparison: American Warrior - Focke #1-9			
1861- FNL & 2238' FWL Sec. 9-6s-31w			

Drilling Contractor Duke Drilling, Rig #9
 Commenced 4/30/2024
 Completed 5/6/2024

Samples Saved From 3750 To RTD
 Drilling Time Kept From 3650 To RTD
 Samples Examined From 3750 To RTD
 Geological Supervision From 3750 To RTD

Summary and Recommendations

The Patricia #1-9 ran structurally similar to the nearest producer, the Focke #1-9. The LKC "J" zone was tested with a negative recovery. Due to DST recovery and log evaluation, it was decided by all concerned parties to plug and abandon the well.

Respectfully Submitted
 Marc A. Downing

ROCK TYPES	shale, grn shale, red shale, red
ACCESSORIES	soy (mat) Lmat (w/>)
MINERAL	Glauconite, Chert, White

DST	DST int, DST alt, Core, Tan pipe
MISC	Daily Report, Digital Photo, Document, Folder, Link, Vertical Log File, Horizontal Log File, Core Log File, Drift Cuttings Rpt
OIL SHOWS	Even Shn 50-75%, Spotted Shn 25-50%, Spotted Shn 25%, Questionable Shn, Dead Oil Shn, Fluorescence

