

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 FilledWELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 9860
 Name: Castle Resources, Inc.
 Address 1: PO BOX 583
 Address 2: _____
 City: RUSSELL State: KS Zip: 67665 + 0583
 Contact Person: Jerry Green
 Phone: (785) 625-5155
 CONTRACTOR: License # 30606
 Name: Murfin Drilling Co., Inc.
 Wellsite Geologist: Jerry Green
 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 #: _____

05/13/2026 05/19/2026 06/30/2026
 Spud Date or Date Reached TD Completion Date or
 Recompletion Date Recompletion Date

API No.: 15-051-27141-00-00

Spot Description: _____

SE - NW-SW-NE Sec. 24 Twp. 15 S. R. 18 ☐ East ☒ West
1845 Feet from ☒ North / ☐ South Line of Section
2135 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: EllisLease Name: HERL Well #: 5

Field Name: _____

Producing Formation: ArbuckleElevation: Ground: 1991 Kelly Bushing: 2002Total Vertical Depth: 3922 Plug Back Total Depth: _____Amount of Surface Pipe Set and Cemented at: 223 FeetMultiple Stage Cementing Collar Used? ☐ Yes ☒ No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: 3922feet depth to: 0 w/ 500 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 30000 ppm Fluid volume: 400 bblsDewatering method used: Hauled to Disposal

Location of fluid disposal if hauled offsite:

Operator Name: DLease Name: Huber A License #: 9860Quarter SW Sec. 32 Twp. 12 S. R. 20 ☐ East ☒ WestCounty: Ellis Permit #: D26868

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 DistributionALT ☐ I ☒ II ☐ III Approved by: Alexis Vincent Date: 09/25/2026

Operator Name: Castle Resources, Inc. Lease Name: HERL Well #: 5
 Sec. 24 Twp. 15 S. R. 18 ☐ East ☒ West County: Ellis

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken (Attach Additional Sheets)	☒ Yes ☐ No	☒ Log	Formation (Top), Depth and Datum	☐ Sample
Samples Sent to Geological Survey	☒ Yes ☐ No	Name	Top	Datum
Cores Taken	☐ Yes ☒ No	Topeka	2962	-960
Electric Log Run	☒ Yes ☐ No	Heebner	3228	-1226
Geologist Report / Mud Logs	☒ Yes ☐ No	LKC	3280	-1278
List All E. Logs Run:		BKC	3504	-1502
sonic dual induction dual compensated porosity		Arbuckle	3546	-1544
		Granite	3836	-1834
		RTD	3921	-1919

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	223	common	170	3%CC2%Gel
Production	7.88	5.5	17	3886	common	300	65/35

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	-			

- Did you perform a hydraulic fracturing treatment on this well? ☐ Yes ☒ No (If No, skip questions 2 and 3)
- Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? ☐ Yes ☐ No (If No, skip question 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>07/06/2026</u>		Producing Method: ☒ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain) _____			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: ☐ Vented ☐ Sold ☐ Used on Lease (If vented, Submit ACO-18.)		METHOD OF COMPLETION: ☐ Open Hole ☒ Perf. ☐ Dually Comp. (Submit ACO-5) ☐ Commingled (Submit ACO-4)		PRODUCTION INTERVAL: Top Bottom <u>3556</u> <u>3559</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 (Amount and Kind of Material Used)
4	3556	3559			
TUBING RECORD: Size: <u>2.875</u> Set At: <u>3560</u> Packer At: <u> </u>					

Form	ACO1 - Well Completion
Operator	Castle Resources, Inc.
Well Name	HERL 5
Doc ID	1954152

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	223	common	170	3%CC2% Gel
Production	7.88	5.5	17	3886	common	300	65/35

[illegible]

[illegible]



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Castle Resources Inc
PO BOX 583
Russell KS 67665+0583
ATTN: Jerry Green

24-15S-18W Ellis KS

Herl #5

Job Ticket: 73612

DST#: 1

Test Start: 2026.05.17 @ 14:29:00

GENERAL INFORMATION:

Formation: **LKC E**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:17:12

Time Test Ended: 19:43:32

Test Type: Conventional Bottom Hole (Initial)

Tester: Spencer J Staab

Unit No: 75

Interval: 3336.00 ft (KB) To 3356.00 ft (KB) (TVD)

Reference Elevations: 2002.00 ft (KB)

Total Depth: 3356.00 ft (KB) (TVD)

1991.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition:

KB to GR/CF: 11.00 ft

Serial #: 8875 Outside

Press@RunDepth: 23.31 psig @ 3337.00 ft (KB)

Capacity: psig

Start Date: 2026.05.17

End Date:

2026.05.17

Last Calib.:

2026.05.17

Start Time: 14:29:01

End Time:

19:43:32

Time On Btm:

2026.05.17 @ 17:17:07

Time Off Btm:

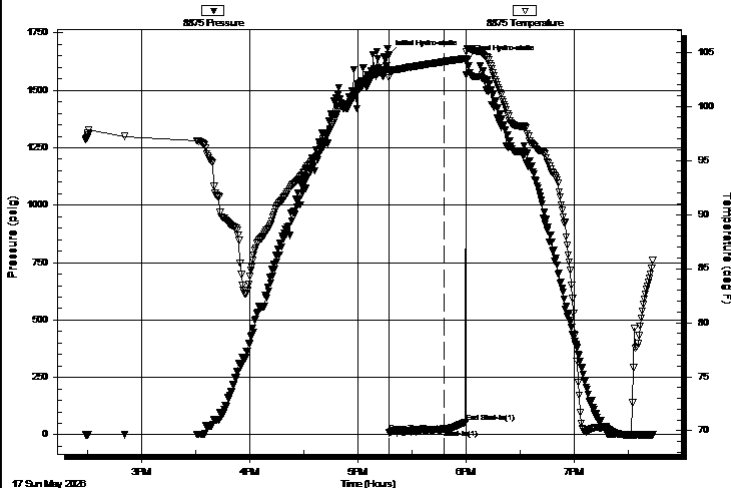
2026.05.17 @ 18:00:42

TEST COMMENT: 30-IF-Surface to 3.75"

13-ISI-No Return

Noticed Well Flowing when Tool Opened Pulled Test Early

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1653.82	103.41	Initial Hydro-static
1	8.90	102.65	Open To Flow (1)
31	23.31	104.13	Shut-In(1)
43	55.45	104.45	End Shut-In(1)
44	1634.66	105.33	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	Mud 100%M	0.10

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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Reference Elevations: 2002.00 ft (KB)

Total Depth: 3356.00 ft (KB) (TVD)

1991.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition:

KB to GR/CF: 11.00 ft

Serial #: 6838 Inside

Press@RunDepth: psig @ 3337.00 ft (KB)

Capacity: psig

Start Date: 2026.05.17

End Date:

2026.05.17

Last Calib.:

2026.05.17

Start Time: 14:29:01

End Time:

19:43:32

Time On Btm:

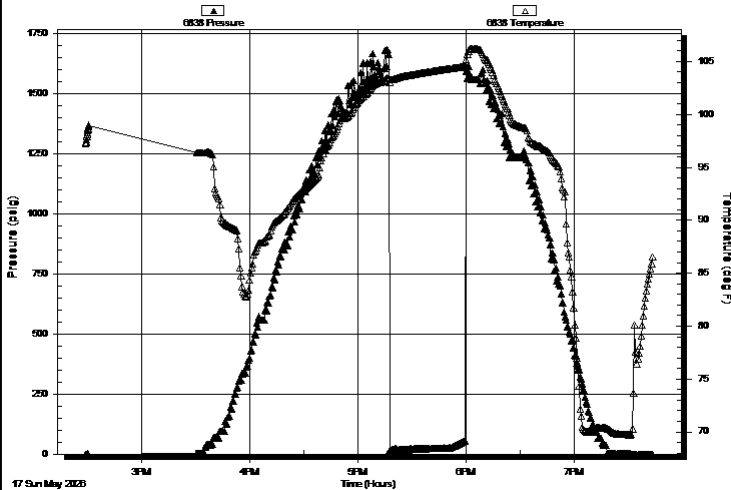
Time Off Btm:

TEST COMMENT: 30-IF-Surface to 3.75"

13-ISI-No Return

Noticed Well Flow ing w hen Tool Opened Pulled Test Early

Pressure vs. Time



PRESSURE SUMMARY

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

Length (ft)	Description	Volume (bbl)
20.00	Mud 100%M	0.10

Gas Rates

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

DRILL STEM TEST REPORT

FLUID SUMMARY

Castle Resources Inc

24-15S-18W Ellis KS

PO BOX 583
Russell KS 67665+0583

Herl #5

Job Ticket: 73612

DST#: 1

ATTN: Jerry Green

Test Start: 2026.05.17 @ 14:29:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 52.00 sec/qt

Water Loss: 6.80 in³

Resistivity: ohm.m

Salinity: 10100.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	Mud 100%M	0.098

Total Length: 20.00 ft

Total Volume: 0.098 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

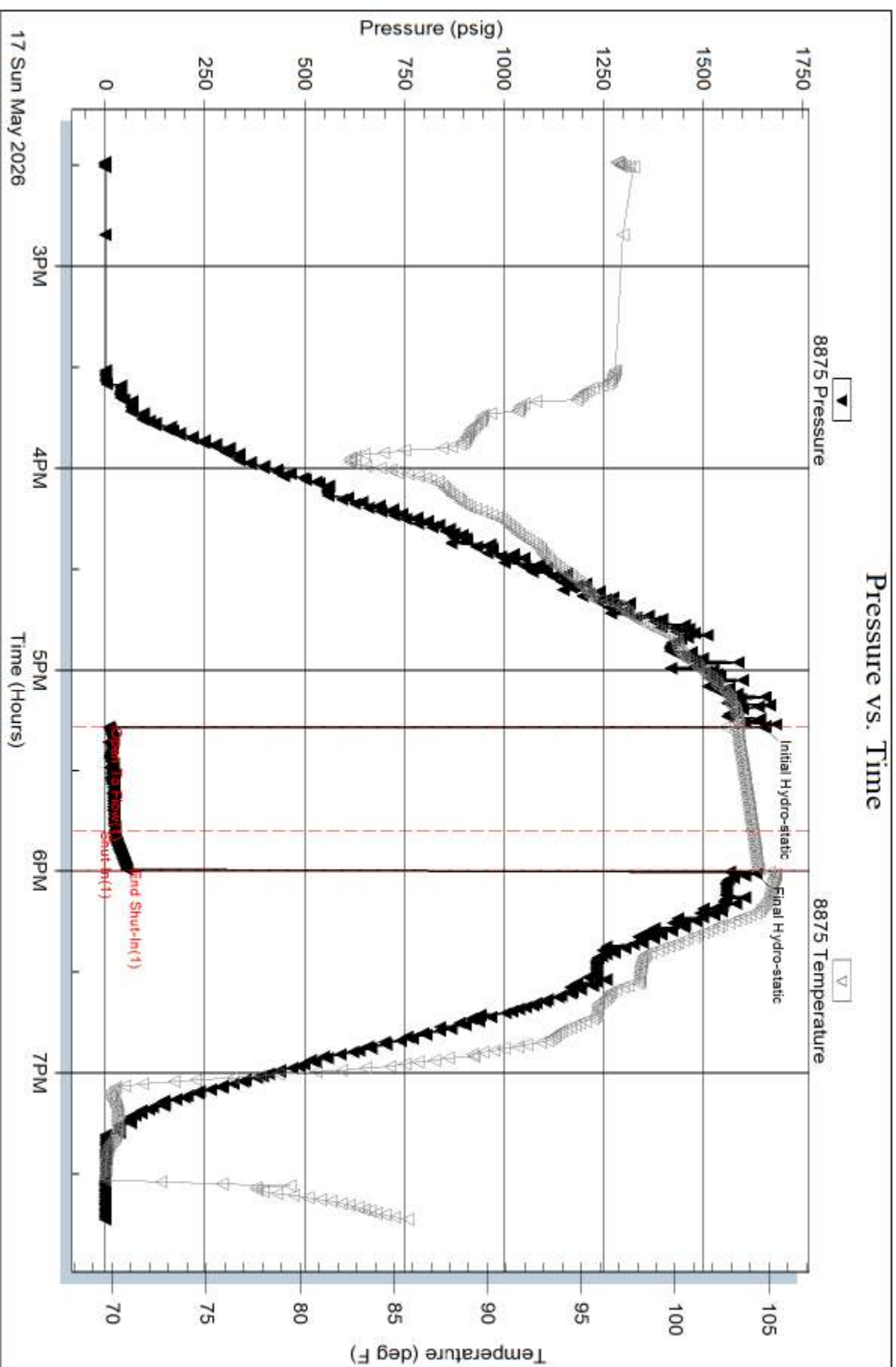
Recovery Comments: 2#LCM

Serial #: 8875

Outside Castle Resources Inc

Henl #5

DST Test Number: 1



Serial #: 6838

Inside

Castle Resources Inc

Henl #5

DST Test Number: 1

