

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 Recompletion Date \_\_\_\_\_ 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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**JERRY GREEN**  
CONSULTING GEOLOGIST

4350 Keystone Rd  
HAYS, KS 67601  
PHONE: 785-625-5155

**GEOLOGIST'S REPORT** DRILLING TIME AND SAMPLE LOG

COMPANY CASTLE RESOURCES INC.  
ELEVATIONS

LEASE MOLLHAGEN#3  
FIELD GENESEO

LOCATION T350-FINL 3390-FEL  
SEC 9 TWP 17S RGE 8W

COUNTY ELLSWORTH STATE KS.  
CONTRACTOR WHITE KNIGHT DRLG.

SPUD 7-19-24 COMP 7-24-24  
RTD 3350 LTD 3346

MUD UP 2500' TYPE MUD CHEM. STACK/MICRO

SAMPLES SAVED FROM 2500' TO TD.  
DRILLING TIME KEPT FROM 2500' TO TD.

SAMPLES EXAMINED FROM 2500' TO TD.  
GEOLOGICAL SUPERVISION FROM 2500' TO TD.

GEOLOGIST ON WELL 2500'

FORMATION TOPS LOG SAMPLES

LKC. 2778-1053 2778-1053

BKC. 3090-1365 3094-1369

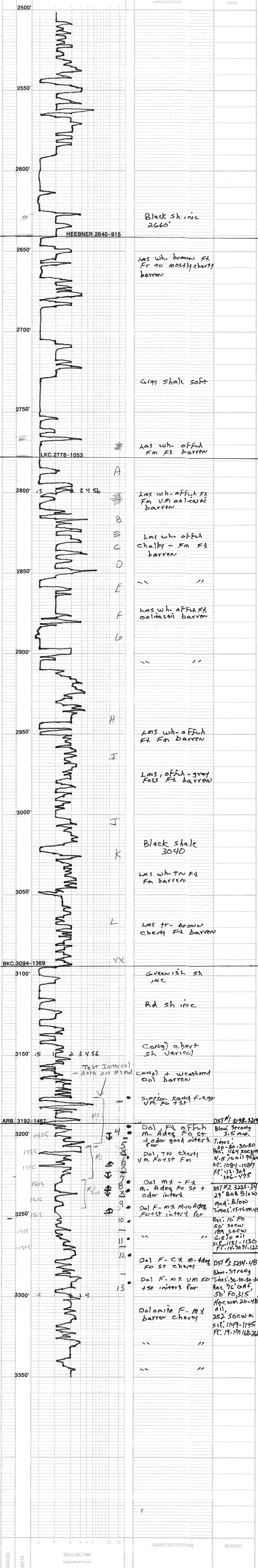
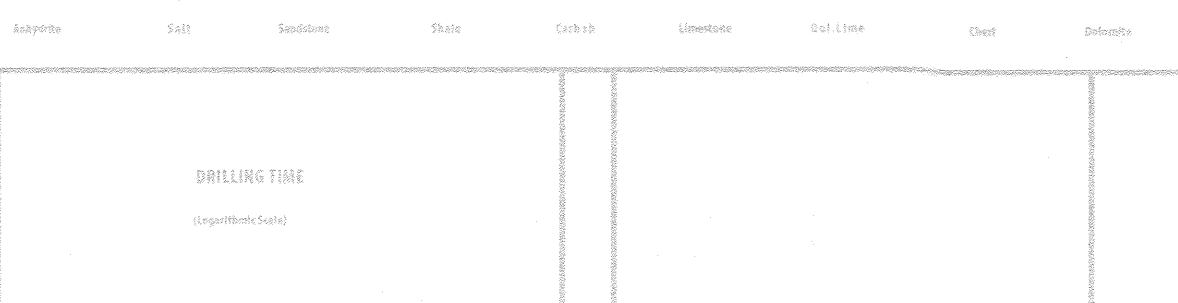
ARB. 3192-1467 3192-1467

RTD. 3346-1621 3350-1625

KB 1725	DF	GL 1720	Measurements: Are All From	CASING SURFACE @ 210	PRODUCTION	ELECTRICAL SURVEYS
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REMARKS: This well was very interesting. Demonstrating the Zonation and side water drive. All parties involved recommended that we set ppv to test this well further.  
Respectfully submitted

**LEGEND**



CONTRACTOR \_\_\_\_\_ LOCATION \_\_\_\_\_  
LEASE \_\_\_\_\_ IP \_\_\_\_\_ SEC \_\_\_\_\_ TWP \_\_\_\_\_ RNG \_\_\_\_\_  
ELEVATION \_\_\_\_\_ RTD \_\_\_\_\_ COUNTY \_\_\_\_\_ STATE \_\_\_\_\_









# Company: Castle Resources, Inc

## Lease: Mollhagen #3

SEC: 9 TWN: 17S RNG: 8W  
County: ELLSWORTH  
State: Kansas  
Drilling Contractor: White Knight Drilling, LLC - Rig 1  
Elevation: 1727 GL  
Field Name: Geneseo-Edward  
Pool: WILDCAT  
Job Number: 746  
API #: 15-053-21400

**Operation:**  
Uploading recovery & pressures

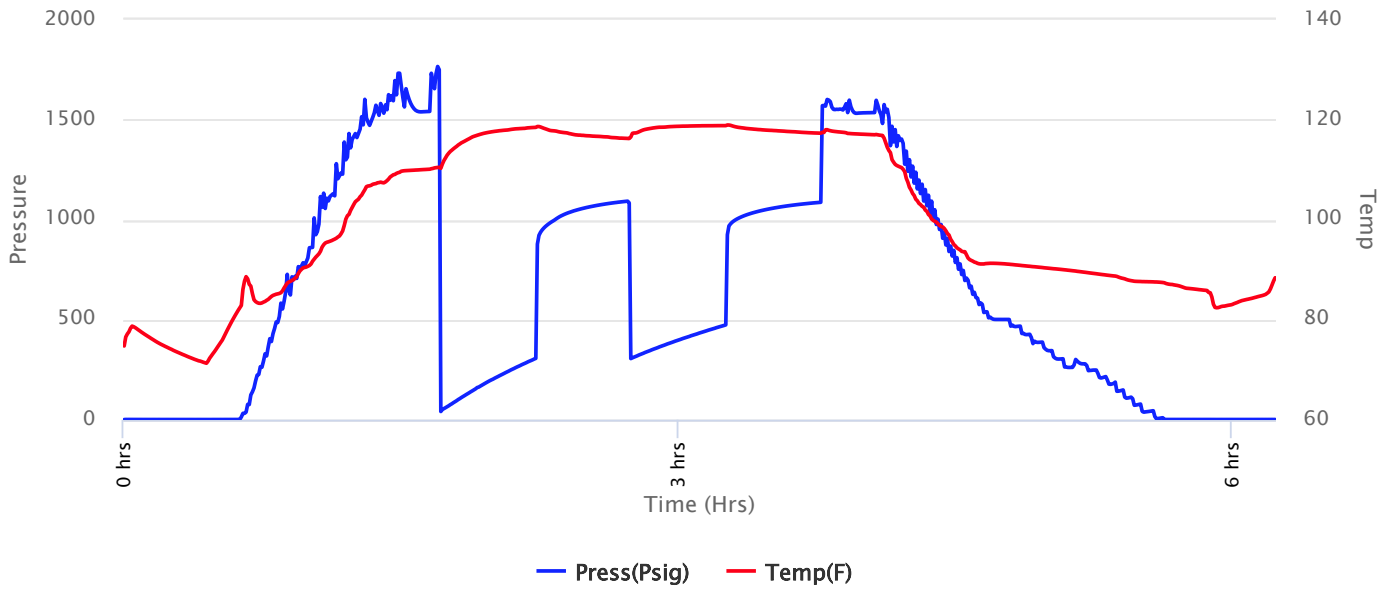
**DATE**  
July  
**23**  
2024

**DST #1**      **Formation: Arbuckle 5th-6th**      **Test Interval: 3198 - 3219'**      **Total Depth: 3350'**  
Time On: 11:25 07/23      Time Off: 17:30 07/23  
Time On Bottom: 13:05 07/23      Time Off Bottom: 15:05 07/23

Electronic Volume Estimate:  
1204'

<u>1st Open</u>	<u>1st Close</u>	<u>2nd Open</u>	<u>2nd Close</u>
Minutes: 30	Minutes: 30	Minutes: 30	Minutes: 30
Current Reading: 94.4" at 30 min	Current Reading: 0.0" at 30 min	Current Reading: 67.0" at 30 min	Current Reading: 0.0" at 30 min
Max Reading: 94.4"	Max Reading: 0.0"	Max Reading: 67.0"	Max Reading: 0.0"

Inside Recorder







**Company: Castle Resources, Inc**  
**Lease: Mollhagen #3**

SEC: 9 TWN: 17S RNG: 8W  
 County: ELLSWORTH  
 State: Kansas  
 Drilling Contractor: White Knight Drilling, LLC - Rig 1  
 Elevation: 1727 GL  
 Field Name: Geneseo-Edward  
 Pool: WILDCAT  
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 API #: 15-053-21400

**Operation:**

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**DATE**

July  
**23**  
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 Time On: 11:25 07/23      Time Off: 17:30 07/23  
 Time On Bottom: 13:05 07/23      Time Off Bottom: 15:05 07/23

Recovered

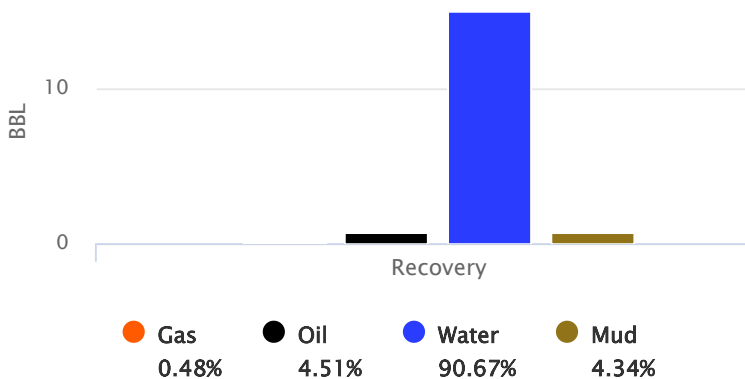
Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
30	0.4269	SLGCSLOC SLMCW	2	10	73	15
189	2.68947	SLGCSLMCSLOCW	1	12	76	11
315	4.48245	SLGCSLMCSLOCW	1	8	87	4
378	5.37894	SLMCW (trace O)	0	0.4	97.6	2
252	3.58596	SLMCW (trace O)	0	0.05	97.95	2

Total Recovered: 1164 ft

Total Barrels Recovered: 16.56372

Reversed Out  
 NO

**Recovery at a glance**



Initial Hydrostatic Pressure	1750	PSI
Initial Flow	42 to 307	PSI
<b>Initial Closed in Pressure</b>	<b>1084</b>	<b>PSI</b>
Final Flow Pressure	306 to 475	PSI
<b>Final Closed in Pressure</b>	<b>1087</b>	<b>PSI</b>
Final Hydrostatic Pressure	1601	PSI
Temperature	119	°F
Pressure Change Initial Close / Final Close	0.0	%

GIP cubic foot volume: 0.4506





# Company: Castle Resources, Inc

## Lease: Mollhagen #3

SEC: 9 TWN: 17S RNG: 8W  
County: ELLSWORTH  
State: Kansas  
Drilling Contractor: White Knight Drilling, LLC - Rig 1  
Elevation: 1727 GL  
Field Name: Geneseo-Edward  
Pool: WILDCAT  
Job Number: 746  
API #: 15-053-21400

### Operation:

Uploading recovery & pressures

### DATE

July  
**23**  
2024

DST #1      Formation: Arbuckle 5th-6th      Test Interval: 3198 - 3219'      Total Depth: 3350'  
Time On: 11:25 07/23      Time Off: 17:30 07/23  
Time On Bottom: 13:05 07/23      Time Off Bottom: 15:05 07/23

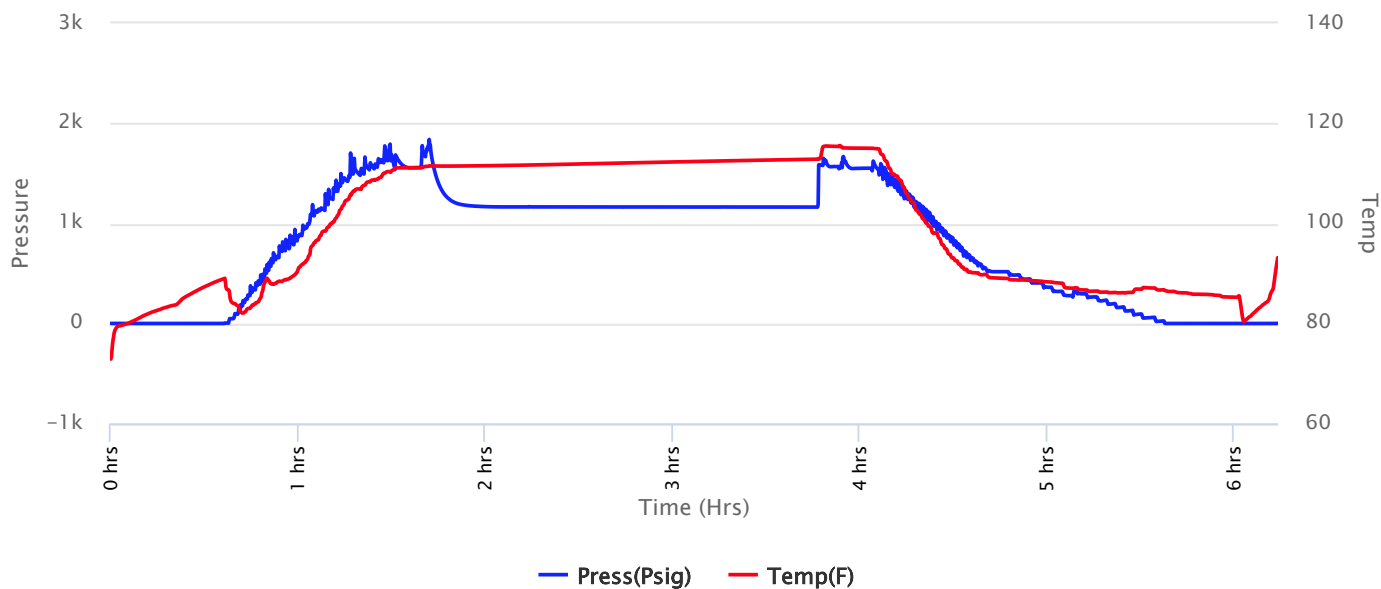
### BUCKET MEASUREMENT:

1st Open: .75" blow built to BOB in 3.5 minutes, final 94.4".  
1st Close: No blow back.  
2nd Open: 0.5" blow, built to BOB in 5 minutes, final 67.0".  
2nd Close: No blow back.

### REMARKS:

Tool Sample: 0% Gas 0.02% Oil 98.98% Water 1% Mud

### Below Straddle Recorder





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SEC: 9 TWN: 17S RNG: 8W  
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 Drilling Contractor: White Knight Drilling, LLC - Rig 1  
 Elevation: 1727 GL  
 Field Name: Geneseo-Edward  
 Pool: WILDCAT  
 Job Number: 746  
 API #: 15-053-21400

**Operation:**  
 Uploading recovery & pressures

**DATE**  
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**23**  
 2024

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**Down Hole Makeup**

<b>Heads Up:</b> 4.6 FT	<b>Packer 1:</b> 3193 FT
<b>Drill Pipe:</b> 3174.86 FT <i>ID-3 1/2</i>	<b>Packer 2:</b> 3198 FT
<b>Weight Pipe:</b> FT <i>ID-2 7/8</i>	<b>Packer 3:</b> 3219 FT
<b>Collars:</b> FT <i>ID-2 1/4</i>	<b>Top Recorder:</b> 3182.42 FT
<b>Test Tool:</b> 28.74 FT <i>ID-3 1/2-FH</i> <i>Safety Joint</i>	<b>Bottom Recorder:</b> 3220 FT
<b>Total Anchor:</b> 21	<b>Below Straddle Recorder:</b> 3316 FT
	<b>Well Bore Size:</b> 7 7/8
	<b>Surface Choke:</b> 1"
	<b>Bottom Choke:</b> 5/8"

**Anchor Makeup**

**Packer Sub:** 1 FT

**Perforations: (top):** 20 FT  
*4 1/2-FH*

**Change Over:** FT

**Drill Pipe: (in anchor):** FT  
*ID-3 1/2*

**Change Over:** FT

**Perforations: (below):** FT  
*4 1/2-FH*

**STRADDLE**

**Straddle Packer(s):** 1 FT

**Change Over:** 0.5 FT

**Drill Pipe:** 63 FT  
*ID-3 1/2"*











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County: ELLSWORTH  
State: Kansas  
Drilling Contractor: White Knight Drilling, LLC - Rig 1  
Elevation: 1727 GL  
Field Name: Geneseo-Edward  
Pool: WILDCAT  
Job Number: 746  
API #: 15-053-21400

### Operation:

Uploading recovery & pressures

### DATE

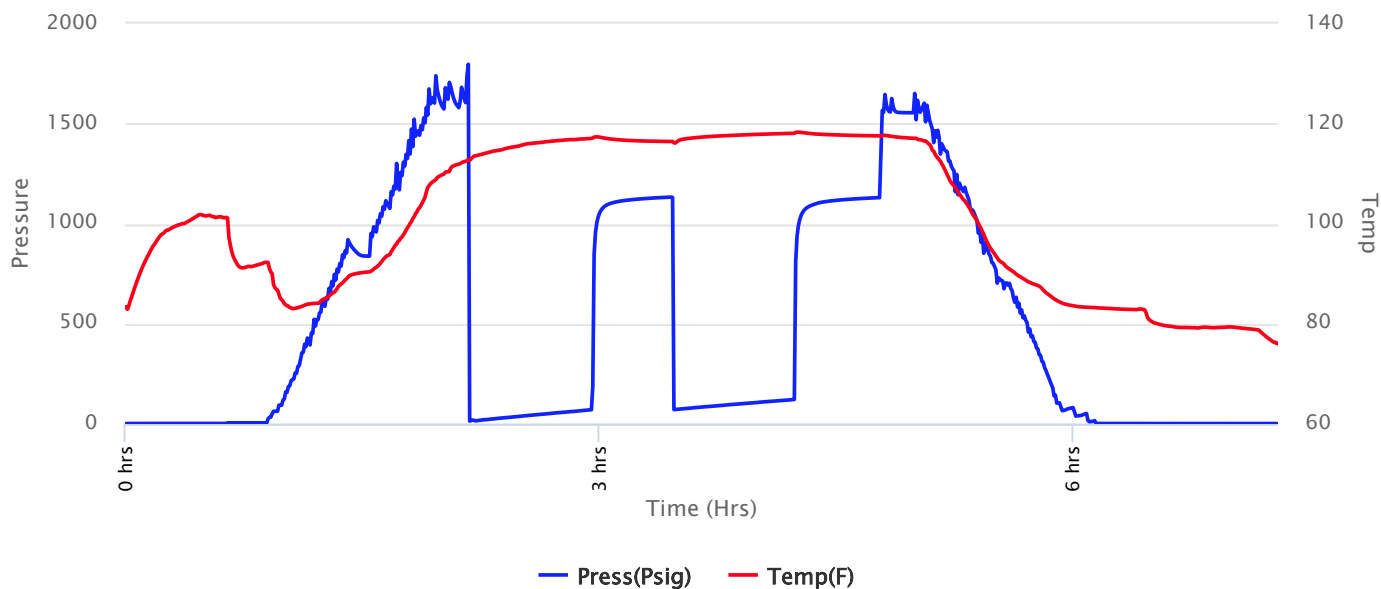
July  
**23**  
2024

**DST #2**      **Formation: Arbuckle 7th-8th**      **Test Interval: 3223 - 3234'**      **Total Depth: 3350'**  
Time On: 18:21 07/23      Time Off: 01:27 07/24  
Time On Bottom: 20:28 07/23      Time Off Bottom: 22:58 07/23

Electronic Volume Estimate:  
228'

<u>1st Open</u>	<u>1st Close</u>	<u>2nd Open</u>	<u>2nd Close</u>
Minutes: 45	Minutes: 30	Minutes: 45	Minutes: 30
Current Reading: 14.3" at 45 min	Current Reading: 0.0" at 30 min	Current Reading: 13.4" at 45 min	Current Reading: 0.0" at 30 min
Max Reading: 14.3"	Max Reading: 0.0"	Max Reading: 13.4"	Max Reading: 0.0"

Inside Recorder







**Company: Castle Resources, Inc**  
**Lease: Mollhagen #3**

SEC: 9 TWN: 17S RNG: 8W  
 County: ELLSWORTH  
 State: Kansas  
 Drilling Contractor: White Knight Drilling, LLC - Rig 1  
 Elevation: 1727 GL  
 Field Name: Geneseo-Edward  
 Pool: WILDCAT  
 Job Number: 746  
 API #: 15-053-21400

**Operation:**

Uploading recovery & pressures

**DATE**

July  
**23**  
 2024

**DST #2 Formation: Arbuckle 7th-8th Test Interval: 3223 - 3234' Total Depth: 3350'**

Time On: 18:21 07/23 Time Off: 01:27 07/24  
 Time On Bottom: 20:28 07/23 Time Off Bottom: 22:58 07/23

Recovered

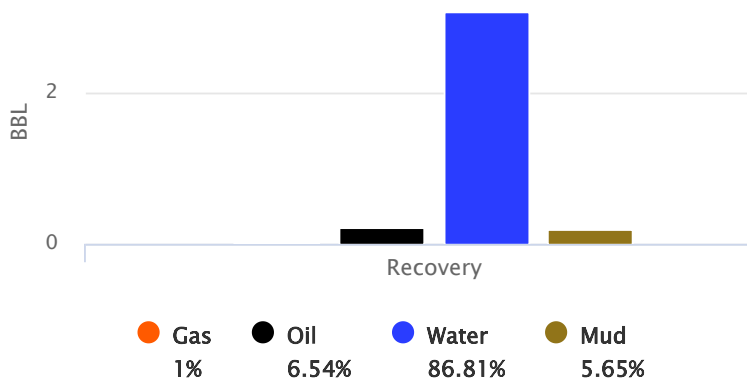
Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
10	0.1423	O	0	100	0	0
50	0.7115	SLGCSLOC SLMCW	5	5	77	13
189	2.68947	SLOC SLMCW	0	2	94	4

Total Recovered: 249 ft

Total Barrels Recovered: 3.54327

Reversed Out  
 NO

**Recovery at a glance**



GIP cubic foot volume: 0.19974

Initial Hydrostatic Pressure	1797	PSI
Initial Flow	14 to 70	PSI
<b>Initial Closed in Pressure</b>	<b>1131</b>	<b>PSI</b>
Final Flow Pressure	71 to 122	PSI
<b>Final Closed in Pressure</b>	<b>1130</b>	<b>PSI</b>
Final Hydrostatic Pressure	1646	PSI
Temperature	119	°F
Pressure Change Initial Close / Final Close	0.1	%



**Company: Castle Resources, Inc**  
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SEC: 9 TWN: 17S RNG: 8W  
 County: ELLSWORTH  
 State: Kansas  
 Drilling Contractor: White Knight Drilling, LLC - Rig 1  
 Elevation: 1727 GL  
 Field Name: Geneseo-Edward  
 Pool: WILDCAT  
 Job Number: 746  
 API #: 15-053-21400

**Operation:**  
 Uploading recovery & pressures

**DATE**  
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**23**  
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 Time On: 18:21 07/23      Time Off: 01:27 07/24  
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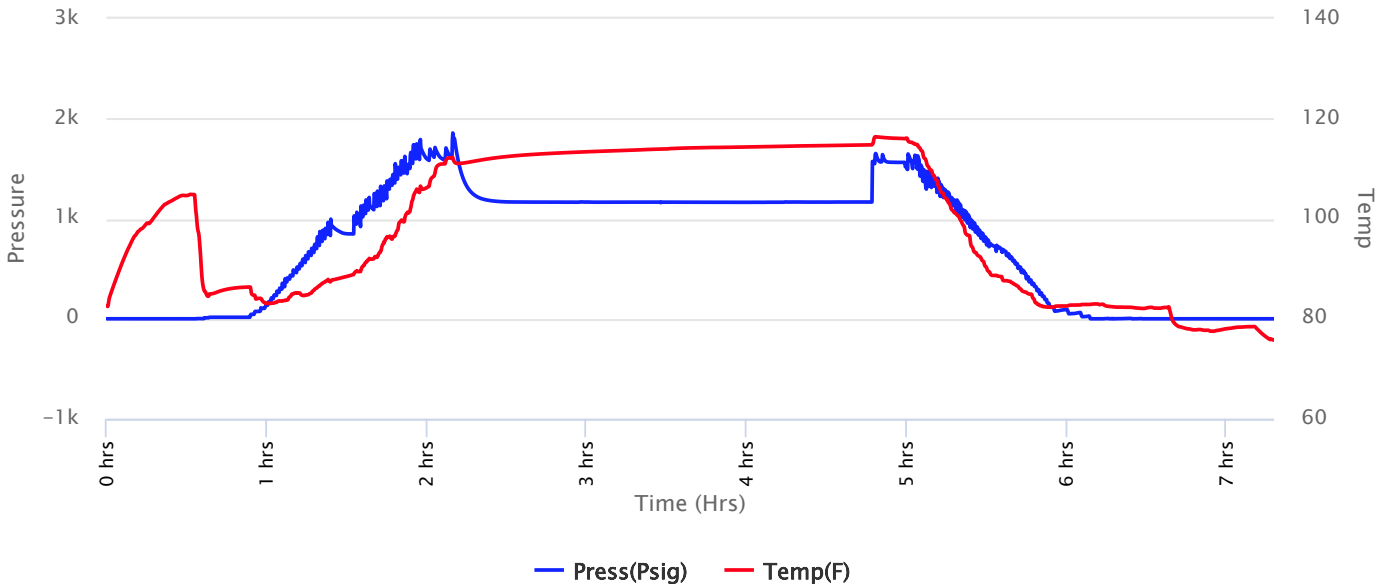
**BUCKET MEASUREMENT:**

1st Open: Weak surface blow, built to 4" in 10 minutes, BOB in 33.5 minutes, final built to 14.3".  
 1st Close: No blow back.  
 2nd Open: Weak surface blow, built to 3" in 10 minutes, BOB in 39 minutes, final built to 13.4".  
 2nd Close: Weak surface blow after 8 minutes, died in 4 minutes.

**REMARKS:**

Tool Sample: 0% Gas 10% Oil 88% Water 2% Mud  
 Gravity: 40.9 @ 60 °F  
 Chlorides: 17400 ppm

**Below Straddle Recorder**













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SEC: 9 TWN: 17S RNG: 8W  
County: ELLSWORTH  
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Drilling Contractor: White Knight Drilling, LLC - Rig 1  
Elevation: 1727 GL  
Field Name: Geneseo-Edward  
Pool: WILDCAT  
Job Number: 746  
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### Operation:

Uploading recovery & pressures

### DATE

July  
**24**  
2024

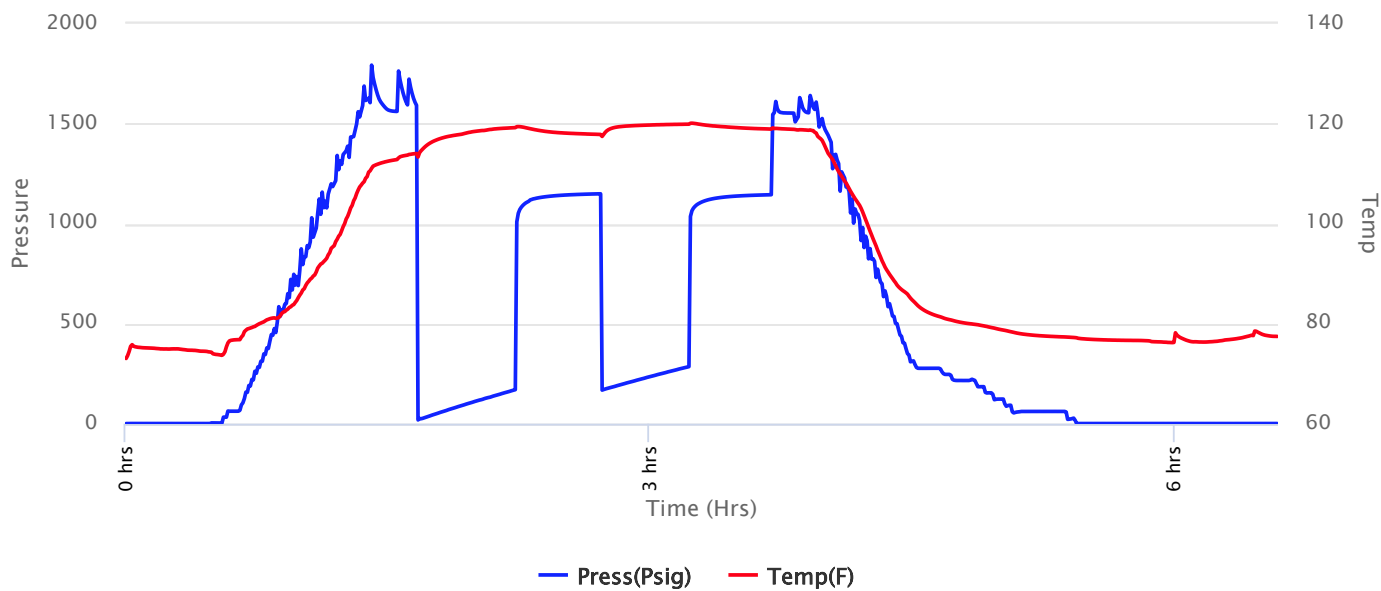
DST #3      Formation: Arbuckle 9th-10th      Test Interval: 3234 - 3248'      Total Depth: 3350'

Time On: 02:44 07/24      Time Off: 09:09 07/24  
Time On Bottom: 04:20 07/24      Time Off Bottom: 06:20 07/24

Electronic Volume Estimate:  
667'

1st Open Minutes: 30	1st Close Minutes: 30	2nd Open Minutes: 30	2nd Close Minutes: 30
Current Reading: 45.6" at 30 min	Current Reading: 0.0" at 30 min	Current Reading: 37.5" at 30 min	Current Reading: 0.0" at 30 min
Max Reading: 45.6"	Max Reading: 0.0"	Max Reading: 37.5"	Max Reading: 0.0"

Inside Recorder







**Company: Castle Resources, Inc**  
**Lease: Mollhagen #3**

SEC: 9 TWN: 17S RNG: 8W  
 County: ELLSWORTH  
 State: Kansas  
 Drilling Contractor: White Knight Drilling, LLC - Rig 1  
 Elevation: 1727 GL  
 Field Name: Geneseo-Edward  
 Pool: WILDCAT  
 Job Number: 746  
 API #: 15-053-21400

**Operation:**  
 Uploading recovery & pressures

**DATE**  
 July  
**24**  
 2024

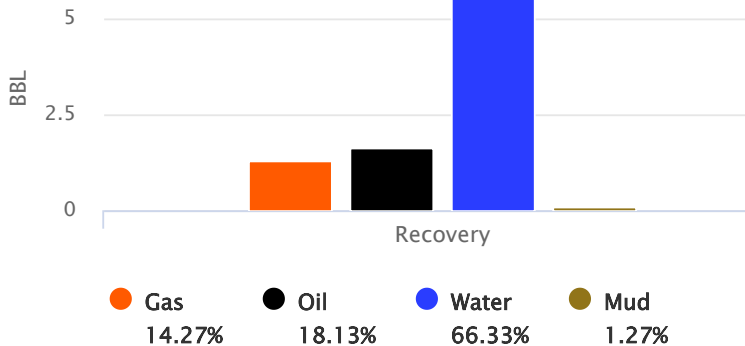
**DST #3**      **Formation: Arbuckle 9th-10th**      **Test Interval: 3234 - 3248'**      **Total Depth: 3350'**  
 Time On: 02:44 07/24      Time Off: 09:09 07/24  
 Time On Bottom: 04:20 07/24      Time Off Bottom: 06:20 07/24

Recovered		Description of Fluid	Gas %	Oil %	Water %	Mud %
Foot	BBLs					
76	1.08148	G	100	0	0	0
0	0	SLGC SLMCSLOCW	5	10	75	10
126	1.79298	SLMCS LGCOCW	5	20	72	3
189	2.68947	SLMCS LGCHOCW	5	47	47	1
252	3.58596	SLMCSLOCW	0	1	98	1

Total Recovered: 643 ft  
 Total Barrels Recovered: 9.14989

**Reversed Out**  
 NO

**Recovery at a glance**



Initial Hydrostatic Pressure	1723	PSI
Initial Flow	19 to 171	PSI
<b>Initial Closed in Pressure</b>	<b>1149</b>	<b>PSI</b>
Final Flow Pressure	168 to 286	PSI
<b>Final Closed in Pressure</b>	<b>1145</b>	<b>PSI</b>
Final Hydrostatic Pressure	1611	PSI
Temperature	121	°F
Pressure Change Initial Close / Final Close	0.4	%

GIP cubic foot volume: 7.33031



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 Time On: 02:44 07/24      Time Off: 09:09 07/24  
 Time On Bottom: 04:20 07/24      Time Off Bottom: 06:20 07/24

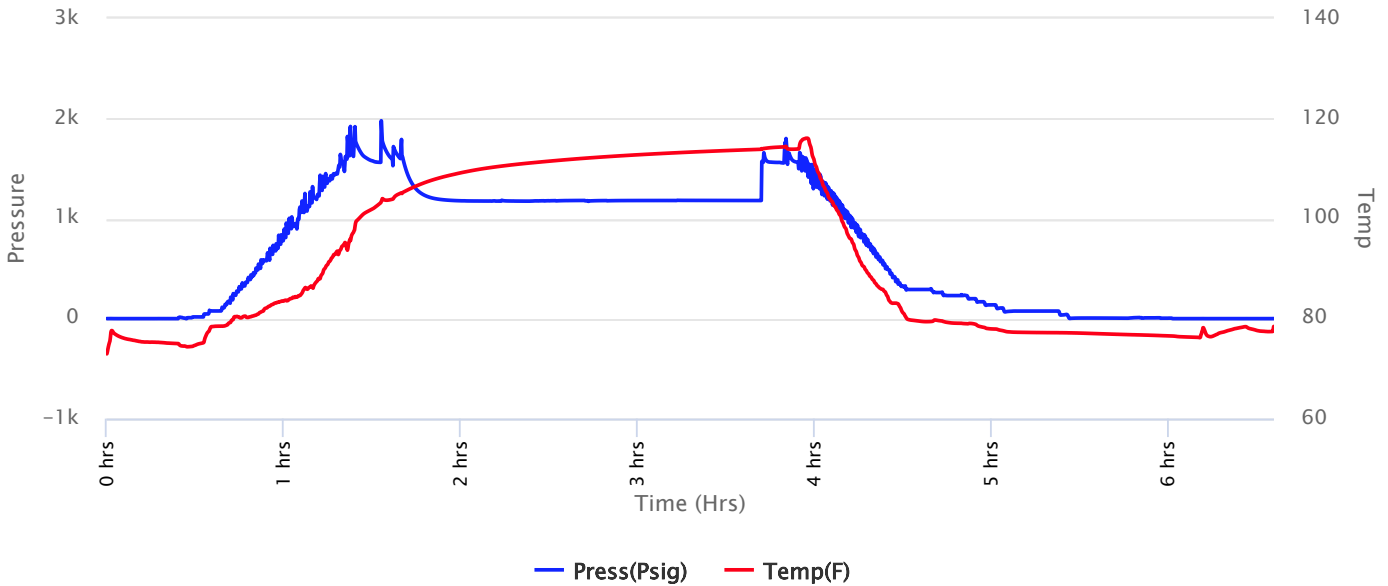
**BUCKET MEASUREMENT:**

1st Open: .25" blow, built to BOB in 8 minutes, final built to 45.6".  
 1st Close: No blow back.  
 2nd Open: .25" blow, built to BOB in 11 minutes, final built to 37.5".  
 2nd Close: No blow back.

**REMARKS:**

Tool Sample: 0% Gas 1% Oil 98.5% Water 0.5% Mud  
 Chlorides: 12200 ppm

**Below Straddle Recorder**





**Company: Castle Resources, Inc**  
**Lease: Mollhagen #3**

SEC: 9 TWN: 17S RNG: 8W  
 County: ELLSWORTH  
 State: Kansas  
 Drilling Contractor: White Knight Drilling, LLC - Rig 1  
 Elevation: 1727 GL  
 Field Name: Geneseo-Edward  
 Pool: WILDCAT  
 Job Number: 746  
 API #: 15-053-21400

**Operation:**  
 Uploading recovery & pressures

**DATE**  
 July  
**24**  
 2024

**DST #3**      **Formation: Arbuckle 9th-10th**      **Test Interval: 3234 - 3248'**      **Total Depth: 3350'**  
 Time On: 02:44 07/24      Time Off: 09:09 07/24  
 Time On Bottom: 04:20 07/24      Time Off Bottom: 06:20 07/24

**Down Hole Makeup**

<b>Heads Up:</b> 31.95 FT	<b>Packer 1:</b> 3229 FT
<b>Drill Pipe:</b> 3238.21 FT <i>ID-3 1/2</i>	<b>Packer 2:</b> 3234 FT
<b>Weight Pipe:</b> FT <i>ID-2 7/8</i>	<b>Packer 3:</b> 3248 FT
<b>Collars:</b> FT <i>ID-2 1/4</i>	<b>Top Recorder:</b> 3218.42 FT
<b>Test Tool:</b> 28.74 FT <i>ID-3 1/2-FH</i> <i>Safety Joint</i>	<b>Bottom Recorder:</b> 1 FT
<b>Total Anchor:</b> 14	<b>Below Straddle Recorder:</b> 3345 FT
	<b>Well Bore Size:</b> 7 7/8
	<b>Surface Choke:</b> 1"
	<b>Bottom Choke:</b> 5/8"

**Anchor Makeup**

**Packer Sub:** 1 FT

**Perforations: (top):** 13 FT  
*4 1/2-FH*

**Change Over:** FT

**Drill Pipe: (in anchor):** FT  
*ID-3 1/2*

**Change Over:** FT

**Perforations: (below):** FT  
*4 1/2-FH*

**STRADDLE**

**Straddle Packer(s):** 1 FT

**Change Over:** 0.5 FT

**Drill Pipe:** 63 FT  
*ID-3 1/2"*





