

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
--	---

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
---	---	------------------------------------

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:	
----------------	-------	---------	------------	--

NKS Oilfield Service

1401 Main Street Victoria, KS 67671 ♦ 24 Hour Phone (785) 639-7269
 Phone (785) 639-3949 ♦ Email: franksoilfield@yahoo.com

TICKET NUMBER 1340

LOCATION Victoria

FOREMAN Tom Williams

FIELD TICKET & TREATMENT REPORT CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY			
9-13-24	9960	Garner 1	15	11s	11e	Wagonmound			
CUSTOMER <u>Castle Resources Inc</u>		TRUCK #		DRIVER		TRUCK #		DRIVER	
MAILING ADDRESS		103		Tom W					
CITY		201		Berkley					
STATE									
ZIP CODE									

JOB TYPE long string HOLE SIZE _____ HOLE DEPTH 2310' CASING SIZE & WEIGHT 5 1/2" 15.5#
 CASING DEPTH _____ DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING _____
 DISPLACEMENT _____ DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safe meeting - Ran short equipment & set up on white string
Grounded mud - Mix 175 sk - 25 RT - 150 down hole - Wash up.
Displace plug - landed with 1400 psi - Release pressure.
Break up more oil

Thanks Tom & Seals

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
P1003	1	PUMP CHARGE <u>long string</u>	\$1950.00	\$1950.00
M001	165	MILEAGE	\$6.50	\$1072.50
M001	9.63 hrs	TWD	\$2135.92	\$2,135.92
C3012	175 sk	60/40 290 gel	\$15.60	\$2,730.00
CP005	950#	5/8"	\$.50	\$475.00
CP006	39#	flossal	\$.30	\$117.00
LP007	875#	Kolseal	\$.50	\$437.50
FE033	1	5 1/2" AFU Guide 5/8"	\$600.00	\$600.00
FE051	1	5 1/2" latch dump plug assy.	\$695.00	\$695.00
	1	8 5/8" Braiden head	\$1285.00	\$1285.00
			Subtotal	\$11397.93
			Less 5% discount	\$569.90
			Sub total	\$10828.03
			SALES TAX	391.46
			ESTIMATED TOTAL	11219.49

AUTHORIZATION _____ TITLE _____ DATE _____

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

NKS Oilfield Service

1414 Main Street Victoria, KS 67671 ♦ 24 Hour Phone (785) 639-7269
 Fax Phone (785) 639-3949 ♦ Email: frankoilfield@yahoo.com

TICKET NUMBER 1332

LOCATION Victoria

FOREMAN Tom Williams

FIELD TICKET & TREATMENT REPORT CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
9-7-24	9860	C2511	1	18	115	11e Wchouss
CUSTOMER <u>Castle Resources</u>						
MAILING ADDRESS						
CITY		STATE	ZIP CODE			

TRUCK #	DRIVER	TRUCK #	DRIVER
103	Tom W		
2-301			

JOB TYPE Surface HOLE SIZE 12 1/4 HOLE DEPTH 304' CASING SIZE & WEIGHT 8 3/4" 23 lb
 CASING DEPTH 304' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING _____
 DISPLACEMENT _____ DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting + set up on white knight. Circled and mud. Mix 20034 3934 290gel - displaced 15.5 Bbl - shut in

5 Bbls to pit

Thanks Tom + Josh

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
P002	1	PUMP CHARGE <u>Surface</u>	\$1150 ⁰⁰	\$1150 ⁰⁰
M001	115	MILEAGE	\$6 ⁵⁰	\$1072 ⁵⁰
M002	9.8 tons	Tom Mileage Delivery	\$2425 ⁵⁰	\$2425 ⁵⁰
UB004	20034	Class A 3934 290gel	\$25 ⁵⁰	\$5100 ⁰⁰
			sub total	\$9,748 ⁰⁰
			less 5% disc.	\$487 ⁴⁰
			sub total	\$9,260 ⁶⁰
			SALES TAX	314.93
			ESTIMATED TOTAL	9575.53

AUTHORIZATION _____ TITLE _____ DATE _____

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.



Company: Castle Resources, Inc

Lease: Czirr #1

SEC: 18 TWN: 11S RNG: 11E
County: WABAUNSEE
State: Kansas
Drilling Contractor: White Knight Drilling, LLC - Rig 1
Elevation: 1135 EGL
Field Name: Wildcat
Pool: WILDCAT
Job Number: 759
API #: 15-197-20325

Operation:
Test Complete

DATE
September
10
2024

DST #1 **Formation: Hunton** **Test Interval: 2542 - 2552'** **Total Depth: 2552'**
Time On: 18:44 09/10 Time Off: 00:08 09/11
Time On Bottom: 21:07 09/10 Time Off Bottom: 22:27 09/10

Electronic Volume Estimate:
8'

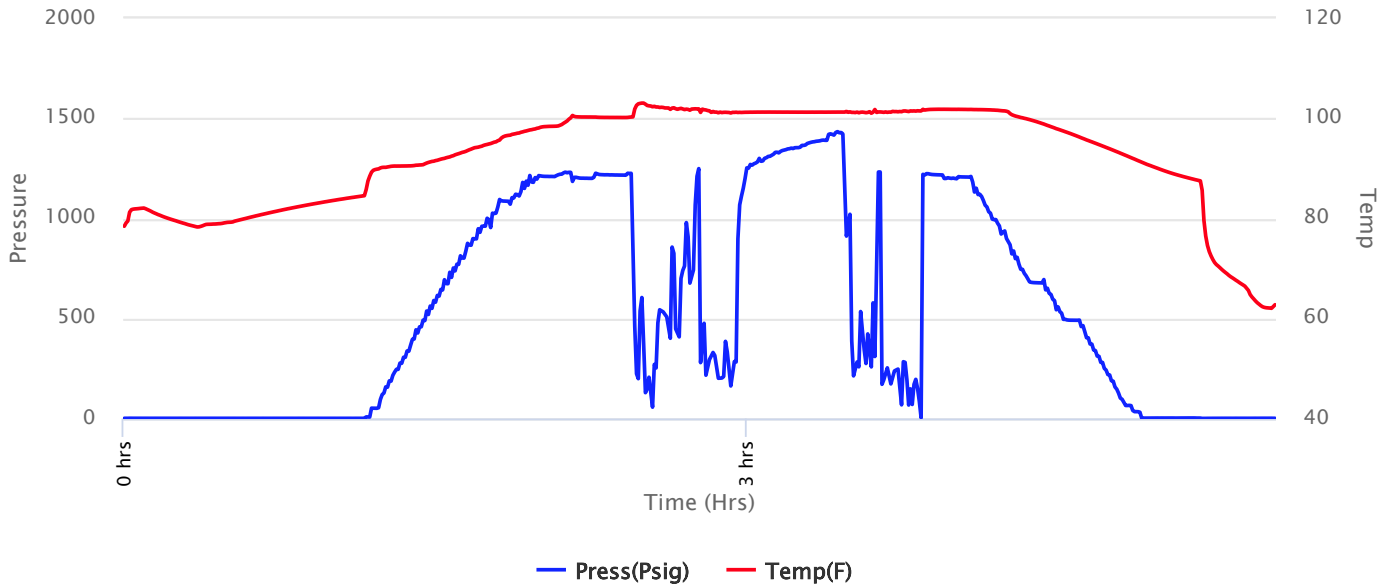
1st Open
Minutes: 30
Current Reading:
1.2" at 30 min
Max Reading: 1.2"

1st Close
Minutes: 30
Current Reading:
0" at 30 min
Max Reading: 0"

2nd Open
Minutes: 20
Current Reading:
0" at 20 min
Max Reading: 0"

2nd Close
N/A

Inside Recorder





Company: Castle Resources, Inc
Lease: Czirr #1

SEC: 18 TWN: 11S RNG: 11E
 County: WABAUNSEE
 State: Kansas
 Drilling Contractor: White Knight Drilling, LLC - Rig 1
 Elevation: 1135 EGL
 Field Name: Wildcat
 Pool: WILDCAT
 Job Number: 759
 API #: 15-197-20325

Operation:
 Test Complete

DATE
 September
10
 2024

DST #1 **Formation: Hunton** **Test Interval: 2542 - 2552'** **Total Depth: 2552'**
 Time On: 18:44 09/10 Time Off: 00:08 09/11
 Time On Bottom: 21:07 09/10 Time Off Bottom: 22:27 09/10

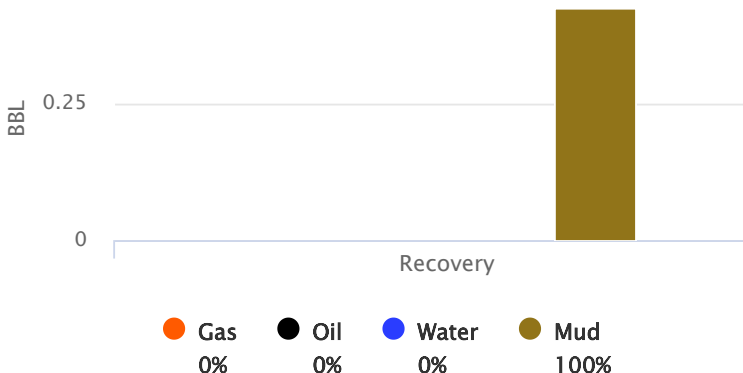
Recovered

Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
30	0.4269	M	0	0	0	100

Total Recovered: 30 ft
 Total Barrels Recovered: 0.4269

Reversed Out
 NO

Recovery at a glance



Initial Hydrostatic Pressure	1226	PSI
Initial Flow	224 to 283	PSI
Initial Closed in Pressure	1430	PSI
Final Flow Pressure	213 to 171	PSI
Final Closed in Pressure	151	PSI
Final Hydrostatic Pressure	1221	PSI
Temperature	102	°F
Pressure Change Initial Close / Final Close	89.5	%

GIP cubic foot volume: 0



**Company: Castle Resources,
Inc**
Lease: Czirr #1

SEC: 18 TWN: 11S RNG: 11E
County: WABAUNSEE
State: Kansas
Drilling Contractor: White Knight
Drilling, LLC - Rig 1
Elevation: 1135 EGL
Field Name: Wildcat
Pool: WILDCAT
Job Number: 759
API #: 15-197-20325

Operation:
Test Complete

DATE
September
10
2024

DST #1	Formation: Hunton	Test Interval: 2542 - 2552'	Total Depth: 2552'
	Time On: 18:44 09/10	Time Off: 00:08 09/11	
	Time On Bottom: 21:07 09/10	Time Off Bottom: 22:27 09/10	

BUCKET MEASUREMENT:

1st Open: Built to 1.2" in 30 min.

1st Close: No Blowback

2nd Open: Flushed tool in 10 minutes. No Blow pulled out of hole after 20 min.

2nd Close: No second shut in.

REMARKS:

Flushed tool 10 minutes into second open. No blow.



Company: Castle Resources, Inc
Lease: Czirr #1

SEC: 18 TWN: 11S RNG: 11E
 County: WABAUNSEE
 State: Kansas
 Drilling Contractor: White Knight Drilling, LLC - Rig 1
 Elevation: 1135 EGL
 Field Name: Wildcat
 Pool: WILDCAT
 Job Number: 759
 API #: 15-197-20325

Operation:
 Test Complete

DATE
 September
10
 2024

DST #1 **Formation: Hunton** **Test Interval: 2542 - 2552'** **Total Depth: 2552'**
 Time On: 18:44 09/10 Time Off: 00:08 09/11
 Time On Bottom: 21:07 09/10 Time Off Bottom: 22:27 09/10

Down Hole Makeup

Heads Up: 26.62 FT	Packer 1: 2536.5 FT
Drill Pipe: 2535.05 FT <i>ID-3 1/2</i>	Packer 2: 2542 FT
Weight Pipe: FT <i>ID-2 7/8</i>	Top Recorder: 2525.42 FT
Collars: FT <i>ID-2 1/4</i>	Bottom Recorder: 2542 FT
Test Tool: 34.57 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i>	Well Bore Size: 7 7/8
Total Anchor: 10	Surface Choke: 1"
Anchor Makeup	Bottom Choke: 5/8"
Packer Sub: 1 FT	
Perforations: (top): FT <i>4 1/2-FH</i>	
Change Over: FT	
Drill Pipe: (in anchor): FT <i>ID-3 1/2</i>	
Change Over: FT	
Perforations: (below): 9 FT <i>4 1/2-FH</i>	



**Company: Castle Resources,
Inc**

Lease: Czirr #1

SEC: 18 TWN: 11S RNG: 11E
County: WABAUNSEE
State: Kansas
Drilling Contractor: White Knight
Drilling, LLC - Rig 1
Elevation: 1135 EGL
Field Name: Wildcat
Pool: WILDCAT
Job Number: 759
API #: 15-197-20325

Operation:

Test Complete

DATE

September

10

2024

DST #1 Formation: Hunton Test Interval: 2542 - Total Depth: 2552'
2552'

Time On: 18:44 09/10

Time Off: 00:08 09/11

Time On Bottom: 21:07 09/10

Time Off Bottom: 22:27 09/10

Mud Properties

Mud Type: Chem

Weight: 9.3

Viscosity: 32

Filtrate: 12.0

Chlorides: 1400 ppm



**Company: Castle Resources,
Inc
Lease: Czirr #1**

SEC: 18 TWN: 11S RNG: 11E
County: WABAUNSEE
State: Kansas
Drilling Contractor: White Knight
Drilling, LLC - Rig 1
Elevation: 1135 EGL
Field Name: Wildcat
Pool: WILDCAT
Job Number: 759
API #: 15-197-20325

Operation:

Test Complete

DATE

September

10

2024

DST #1 Formation: Hunton Test Interval: 2542 - Total Depth: 2552'
2552'

Time On: 18:44 09/10

Time Off: 00:08 09/11

Time On Bottom: 21:07 09/10 Time Off Bottom: 22:27 09/10

Gas Volume Report

1st Open

2nd Open

Time	Orifice	PSI	MCF/D
------	---------	-----	-------

Time	Orifice	PSI	MCF/D
------	---------	-----	-------



Company: Castle Resources, Inc

Lease: Czirr #1

SEC: 18 TWN: 11S RNG: 11E
County: WABAUNSEE
State: Kansas
Drilling Contractor: White Knight Drilling, LLC - Rig 1
Elevation: 1135 EGL
Field Name: Wildcat
Pool: WILDCAT
Job Number: 759
API #: 15-197-20325

Operation:
Test Complete

DATE
September
11
2024

DST #2 Formation: Hunton Test Interval: 2542 - 2552' Total Depth: 2552'
Time On: 06:30 09/11 Time Off: 09:07 09/11
Time On Bottom: 00:00 01/01 Time Off Bottom: 00:00 01/01

Electronic Volume Estimate:
0'

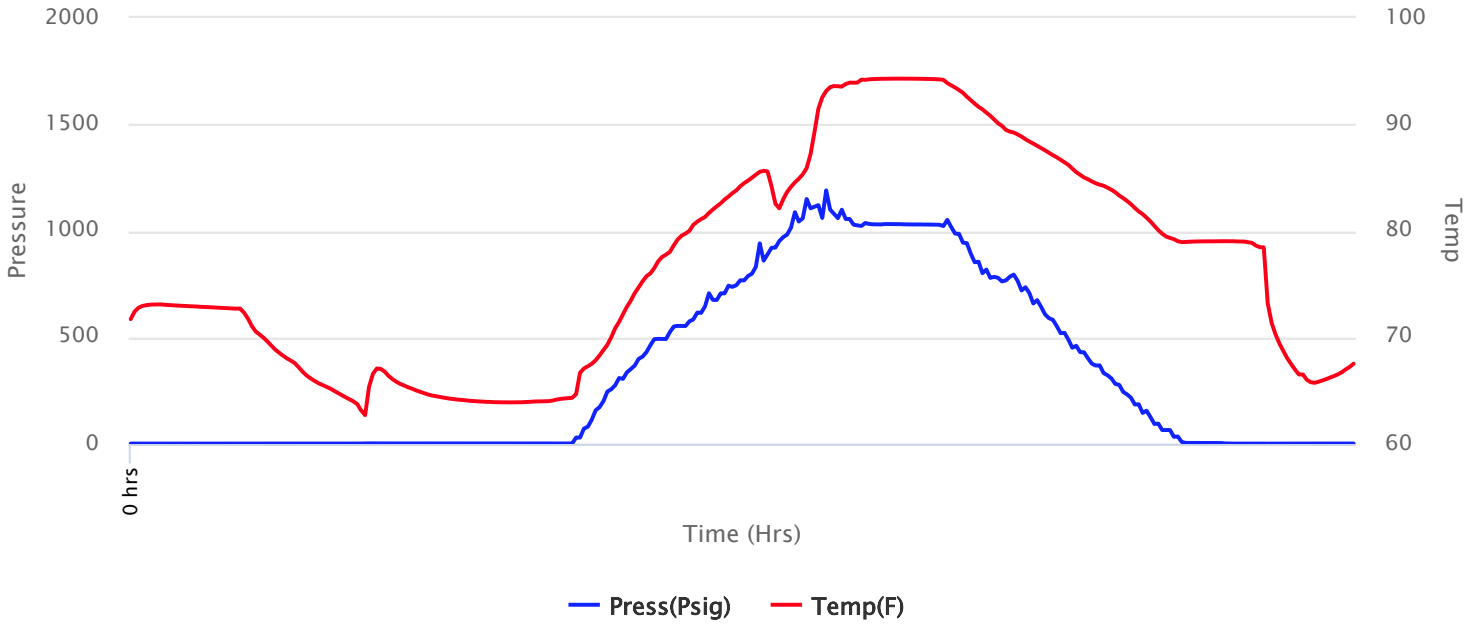
1st Open
N/A

1st Close
N/A

2nd Open
N/A

2nd Close
N/A

Inside Recorder





Company: Castle Resources, Inc

Lease: Czirr #1

SEC: 18 TWN: 11S RNG: 11E
County: WABAUNSEE
State: Kansas
Drilling Contractor: White Knight Drilling, LLC - Rig 1
Elevation: 1135 EGL
Field Name: Wildcat
Pool: WILDCAT
Job Number: 759
API #: 15-197-20325

Operation:
Test Complete

DATE
September
11
2024

DST #2 **Formation: Hunton** **Test Interval: 2542 - 2552'** **Total Depth: 2552'**
Time On: 06:30 09/11 Time Off: 09:07 09/11
Time On Bottom: 00:00 01/01 Time Off Bottom: 00:00 01/01

Recovered

Foot BBLs

Description of Fluid Gas % Oil % Water % Mud %

Total Recovered: 0 ft
Total Barrels Recovered: 0

Reversed Out
NO

Initial Hydrostatic Pressure	1033	PSI
Initial Flow	0	PSI
Initial Closed in Pressure	0	PSI
Final Flow Pressure	0	PSI
Final Closed in Pressure	0	PSI
Final Hydrostatic Pressure	1029	PSI
Temperature	95	°F
Pressure Change Initial Close / Final Close	0.0	%



**Company: Castle Resources,
Inc**
Lease: Czirr #1

SEC: 18 TWN: 11S RNG: 11E
County: WABAUNSEE
State: Kansas
Drilling Contractor: White Knight
Drilling, LLC - Rig 1
Elevation: 1135 EGL
Field Name: Wildcat
Pool: WILDCAT
Job Number: 759
API #: 15-197-20325

Operation:
Test Complete

DATE
September
11
2024

DST #2	Formation: Hunton	Test Interval: 2542 - 2552'	Total Depth: 2552'
	Time On: 06:30 09/11	Time Off: 09:07 09/11	
	Time On Bottom: 00:00 01/01	Time Off Bottom: 00:00 01/01	

BUCKET MEASUREMENT:

REMARKS:

Miss Run. Tool hit a bridge 500 feet from bottom.



**Company: Castle Resources,
Inc**
Lease: Czirr #1

SEC: 18 TWN: 11S RNG: 11E
County: WABAUNSEE
State: Kansas
Drilling Contractor: White Knight
Drilling, LLC - Rig 1
Elevation: 1135 EGL
Field Name: Wildcat
Pool: WILDCAT
Job Number: 759
API #: 15-197-20325

Operation:
Test Complete

DATE
September
11
2024

DST #2 **Formation: Hunton** **Test Interval: 2542 - 2552'** **Total Depth: 2552'**
Time On: 06:30 09/11 Time Off: 09:07 09/11
Time On Bottom: 00:00 01/01 Time Off Bottom: 00:00 01/01

Down Hole Makeup

Heads Up: 26.62 FT	Packer 1: 2536.5 FT
Drill Pipe: 2535.05 FT <i>ID-3 1/2</i>	Packer 2: 2542 FT
Weight Pipe: FT <i>ID-2 7/8</i>	Top Recorder: 2525.42 FT
Collars: FT <i>ID-2 1/4</i>	Bottom Recorder: 2542 FT
Test Tool: 34.57 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i>	Well Bore Size: 7 7/8
Total Anchor: 10	Surface Choke: 1"
Anchor Makeup	Bottom Choke: 5/8"
Packer Sub: 1 FT	
Perforations: (top): FT <i>4 1/2-FH</i>	

Change Over: FT

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

Change Over: FT

Perforations: (below): 9 FT
4 1/2-FH



Company: Castle Resources, Inc
Lease: Czirr #1

SEC: 18 TWN: 11S RNG: 11E
County: WABAUNSEE
State: Kansas
Drilling Contractor: White Knight Drilling, LLC - Rig 1
Elevation: 1135 EGL
Field Name: Wildcat
Pool: WILDCAT
Job Number: 759
API #: 15-197-20325

Operation:
Test Complete

DATE
September
11
2024

DST #2 Formation: Hunton Test Interval: 2542 - 2552' Total Depth: 2552'
Time On: 06:30 09/11 Time Off: 09:07 09/11
Time On Bottom: 00:00 01/01 Time Off Bottom: 00:00 01/01

Mud Properties

Mud Type: Chem **Weight:** 9.3 **Viscosity:** 45 **Filtrate:** 12.0 **Chlorides:** 1400 ppm



**Company: Castle Resources,
Inc**
Lease: Czirr #1

SEC: 18 TWN: 11S RNG: 11E
County: WABAUNSEE
State: Kansas
Drilling Contractor: White Knight
Drilling, LLC - Rig 1
Elevation: 1135 EGL
Field Name: Wildcat
Pool: WILDCAT
Job Number: 759
API #: 15-197-20325

Operation:
Test Complete

DATE
September
11
2024

DST #2 Formation: Hunton Test Interval: 2542 - Total Depth: 2552'
2552'
Time On: 06:30 09/11 Time Off: 09:07 09/11
Time On Bottom: 00:00 01/01 Time Off Bottom: 00:00 01/01

Gas Volume Report

1st Open

Time	Orifice	PSI	MCF/D
------	---------	-----	-------

2nd Open

Time	Orifice	PSI	MCF/D
------	---------	-----	-------



Company: Castle Resources, Inc

Lease: Czirr #1

SEC: 18 TWN: 11S RNG: 11E
County: WABAUNSEE
State: Kansas
Drilling Contractor: White Knight Drilling, LLC - Rig 1
Elevation: 1135 EGL
Field Name: Wildcat
Pool: WILDCAT
Job Number: 759
API #: 15-197-20325

Operation:

Test Complete

DATE

September

12

2024

DST #3

Formation:
Mississippi

Test Interval: 2210 -
2230'

Total Depth: 3100'

Time On: 14:04 09/12

Time Off: 20:27 09/12

Time On Bottom: 17:00 09/12

Time Off Bottom: 17:15 09/12

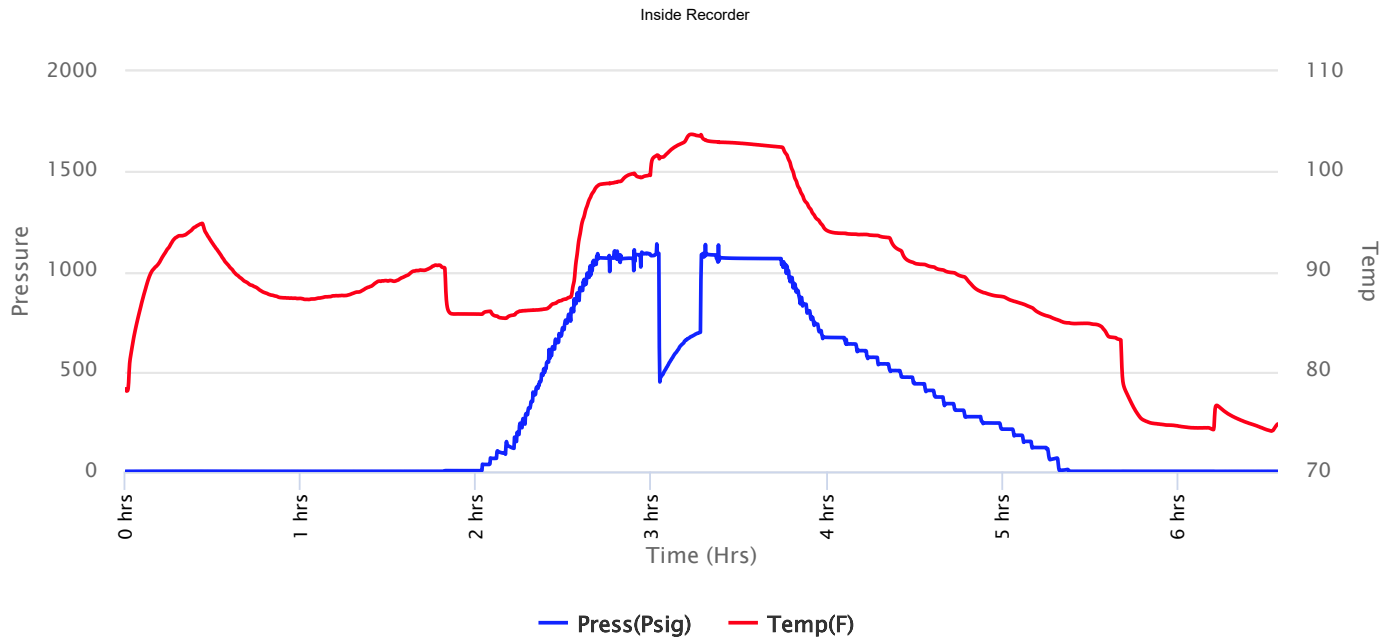
Electronic Volume Estimate:
460'

1st Open
Minutes: 15
Current Reading:
24.5" at 15 min
Max Reading: 58.0"

1st Close
N/A

2nd Open
N/A

2nd Close
N/A





Company: Castle Resources, Inc
Lease: Czirr #1

SEC: 18 TWN: 11S RNG: 11E
 County: WABAUNSEE
 State: Kansas
 Drilling Contractor: White Knight Drilling, LLC - Rig 1
 Elevation: 1135 EGL
 Field Name: Wildcat
 Pool: WILDCAT
 Job Number: 759
 API #: 15-197-20325

Operation:

Test Complete

DATE

September

12

2024

DST #3

Formation: Mississippi

Test Interval: 2210 - 2230'

Total Depth: 3100'

Time On: 14:04 09/12

Time Off: 20:27 09/12

Time On Bottom: 17:00 09/12

Time Off Bottom: 17:15 09/12

Recovered

Foot

BBLS

Description of Fluid

Gas %

Oil %

Water %

Mud %

1400

17.6917895

M

0

0

0

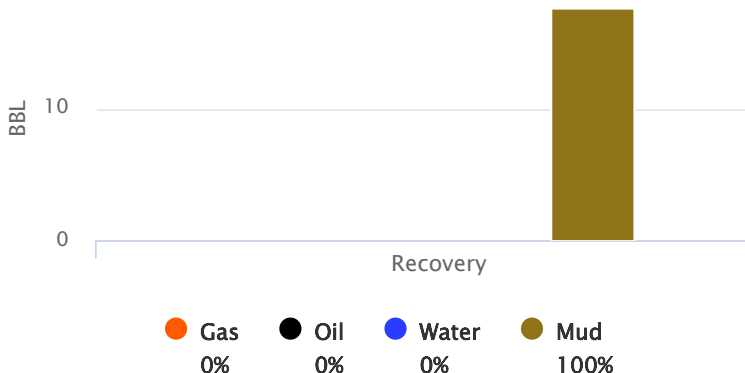
100

Total Recovered: 1400 ft

Total Barrels Recovered: 17.6917895

Reversed Out
NO

Recovery at a glance



Initial Hydrostatic Pressure	1091	PSI
Initial Flow	448	PSI
Initial Closed in Pressure	0	PSI
Final Flow Pressure	0 to 448	PSI
Final Closed in Pressure	0	PSI
Final Hydrostatic Pressure	1085	PSI
Temperature	104	°F
Pressure Change Initial Close / Final Close	0.0	%

GIP cubic foot volume: 0



Company: Castle Resources, Inc
Lease: Czirr #1

SEC: 18 TWN: 11S RNG: 11E
 County: WABAUNSEE
 State: Kansas
 Drilling Contractor: White Knight Drilling, LLC - Rig 1
 Elevation: 1135 EGL
 Field Name: Wildcat
 Pool: WILDCAT
 Job Number: 759
 API #: 15-197-20325

Operation:
 Test Complete

DATE
 September
12
 2024

DST #3 **Formation: Mississippi** **Test Interval: 2210 - 2230'** **Total Depth: 3100'**
 Time On: 14:04 09/12 Time Off: 20:27 09/12
 Time On Bottom: 17:00 09/12 Time Off Bottom: 17:15 09/12

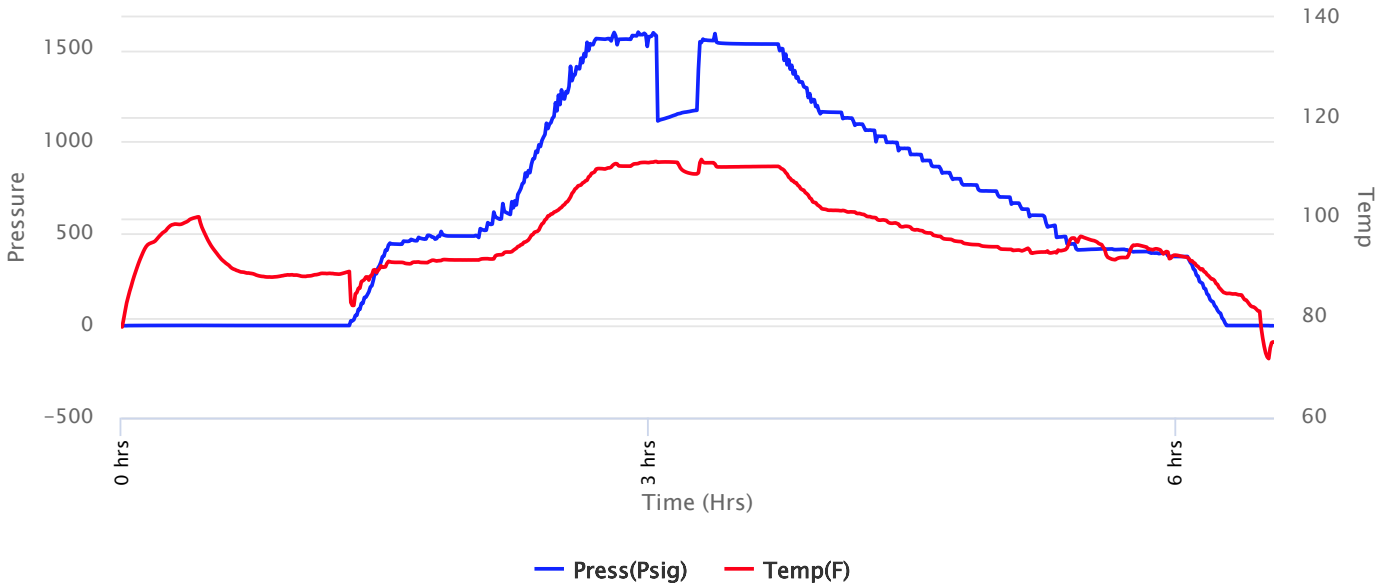
BUCKET MEASUREMENT:

1st Open: BoB in 10 sec. built to 71.0" in 8 min. Died in 15 min

REMARKS:

Packer failure on first attempt to seat. Second attempt, top packers held. Pulled test in 15 minutes. Bottom packer failure.

Below Straddle Recorder





Company: Castle Resources, Inc
Lease: Czirr #1

SEC: 18 TWN: 11S RNG: 11E
 County: WABAUNSEE
 State: Kansas
 Drilling Contractor: White Knight Drilling, LLC - Rig 1
 Elevation: 1135 EGL
 Field Name: Wildcat
 Pool: WILDCAT
 Job Number: 759
 API #: 15-197-20325

Operation:
 Test Complete

DATE
 September
12
 2024

DST #3 **Formation: Mississippi** **Test Interval: 2210 - 2230'** **Total Depth: 3100'**
 Time On: 14:04 09/12 Time Off: 20:27 09/12
 Time On Bottom: 17:00 09/12 Time Off Bottom: 17:15 09/12

Down Hole Makeup

Heads Up: 23.12 FT	Packer 1: 2204.5 FT
Drill Pipe: 1960 FT <i>ID-3 1/2</i>	Packer 2: 2210 FT
Weight Pipe: FT <i>ID-2 7/8</i>	Packer 3: 2230 FT
Collars: 239.55 FT <i>ID-2 1/4</i>	Top Recorder: 2193.42 FT
Test Tool: 34.57 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i>	Bottom Recorder: 2210 FT
	Below Straddle Recorder: 3094 FT
	Well Bore Size: 7 7/8
	Surface Choke: 1"
	Bottom Choke: 5/8"

Total Anchor: 20

Anchor Makeup

Packer Sub: 1 FT

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

Change Over: FT

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

Change Over: FT

Perforations: (below): 19 FT
4 1/2-FH

STRADDLE

Straddle Packer(s): 1 FT

Change Over: .5 FT

Drill Pipe: 890 FT
ID-3 1/2"

Change Over: .5 FT

Perforations (in tail pipe): 7 FT
4 1/2-FH



**Company: Castle Resources,
Inc**
Lease: Czirr #1

SEC: 18 TWN: 11S RNG: 11E
County: WABAUNSEE
State: Kansas
Drilling Contractor: White Knight
Drilling, LLC - Rig 1
Elevation: 1135 EGL
Field Name: Wildcat
Pool: WILDCAT
Job Number: 759
API #: 15-197-20325

Operation:
Test Complete

DATE
September
12
2024

DST #3 **Formation:** **Test Interval: 2210 -** **Total Depth: 3100'**
Mississippi **2230'**
Time On: 14:04 09/12 Time Off: 20:27 09/12
Time On Bottom: 17:00 09/12 Time Off Bottom: 17:15 09/12

Mud Properties

Mud Type: Chem **Weight:** 9.4 **Viscosity:** 38 **Filtrate:** 12.8 **Chlorides:** 1400 ppm



Company: Castle Resources, Inc
Lease: Czirr #1

SEC: 18 TWN: 11S RNG: 11E
 County: WABAUNSEE
 State: Kansas
 Drilling Contractor: White Knight Drilling, LLC - Rig 1
 Elevation: 1135 EGL
 Field Name: Wildcat
 Pool: WILDCAT
 Job Number: 759
 API #: 15-197-20325

Operation:
 Test Complete

DATE
 September
12
 2024

DST #3 **Formation: Mississippi** **Test Interval: 2210 - 2230'** **Total Depth: 3100'**
 Time On: 14:04 09/12 Time Off: 20:27 09/12
 Time On Bottom: 17:00 09/12 Time Off Bottom: 17:15 09/12

Gas Volume Report

1st Open

2nd Open

Time	Orifice	PSI	MCF/D
------	---------	-----	-------

Time	Orifice	PSI	MCF/D
------	---------	-----	-------

FORMATION TOPS	LOG	SAMPLES
BKC	1580-438	1584-442
MISS.	2186-1054	2197-1055
KH	2313-1171	2316-1174
HUNTON	2536-1394	2539-1397
VIOLA	2918-1776	2920-1778
SIMPSON	3042-1804	3042-1900

REMARKS: This well was structurally high. All parties involved recommended that pipe be set to test this well further.
respectfully submitted

