



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Castle Resources, Inc.

24-8S-17W Rooks, KS

PO Box 583
Russell, KS 67665

Chesney #1

Job Ticket: 61752

DST#: 2

ATTN: Jerry Green

Test Start: 2019.11.08 @ 21:44:00

GENERAL INFORMATION:

Formation: **Lansing I**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:04:45

Time Test Ended: 04:02:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Royal Fisher

Unit No: #49

Interval: **3242.00 ft (KB) To 3268.00 ft (KB) (TVD)**

Total Depth: 3268.00 ft (KB) (TVD)

Hole Diameter: 6.75 inches Hole Condition: Fair

Reference Elevations: 1959.00 ft (KB)

1954.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8648 Inside

Press@RunDepth: 28.62 psig @ 3243.00 ft (KB)

Start Date: 2019.11.08

End Date:

2019.11.09

Start Time: 21:44:02

End Time:

04:02:30

Capacity: 8000.00 psig

Last Calib.: 2019.11.09

Time On Btm: 2019.11.08 @ 23:04:30

Time Off Btm: 2019.11.09 @ 02:06:15

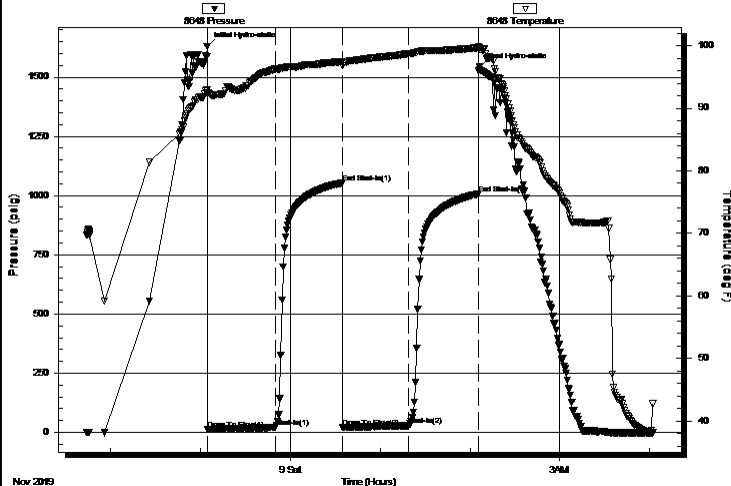
TEST COMMENT: 45 - IFP - Surface blow built up to 2 1/2"

45 - ISI - No Return

45 - FFP - Surface blow built up to 1"

45 - FSI - No Return

Pressure vs. Time



PRESSURE SUMMARY

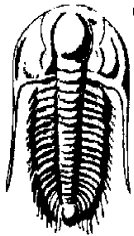
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1629.47	93.02	Initial Hydro-static
1	12.67	92.36	Open To Flow (1)
46	21.05	96.28	Shut-In (1)
91	1053.57	97.44	End Shut-In (1)
91	22.59	96.85	Open To Flow (2)
135	28.62	98.73	Shut-In (2)
181	1007.03	99.65	End Shut-In (2)
182	1541.90	99.69	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
40.00	OSM - Oil Spots - 100% m	0.41

Gas Rates

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

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Chesney #1

Job Ticket: 61752

DST#: 2

ATTN: Jerry Green

Test Start: 2019.11.08 @ 21:44:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 41.00 sec/qt

Water Loss: 10.59 in³

Resistivity: ohm.m

Salinity: 8000.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

Oil API:

Water Salinity:

deg API

ppm

ft

bbl

psig

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
40.00	OSM - Oil Spots - 100%m	0.410

Total Length: 40.00 ft

Total Volume: 0.410 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8648

Inside

Castle Resources, Inc.

Chesney #1

DST Test Number: 2

