

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

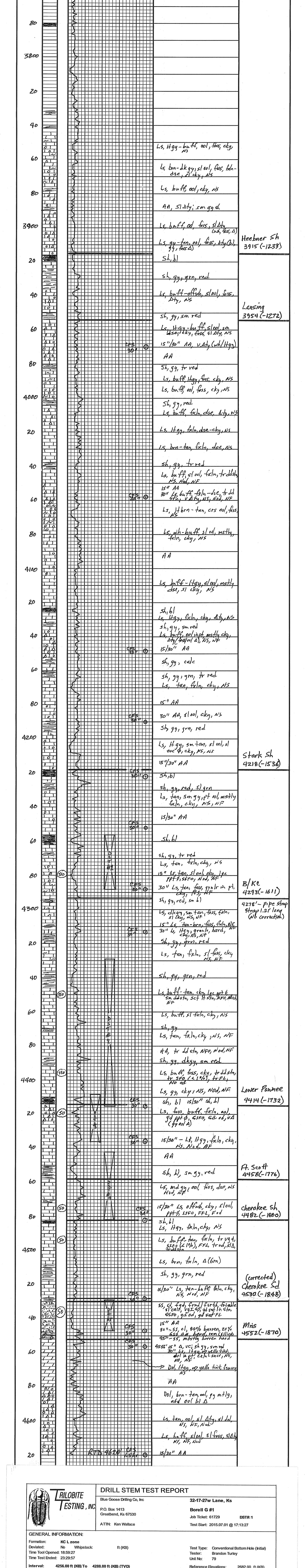
<p>COMPANY: Blue Goose Drilling Co., Inc.</p> <p>LEASE: Rose Hill "A" #1</p> <p>FIELD: W-2</p> <p>LOCATION: B-2, T-5, R-15</p> <p>COUNTY: Lawrence, KS</p> <p>CONTRACTOR: H. D. Brilling Co.</p> <p>SPUD: 6-26-15</p> <p>RD: 4620'</p> <p>MUD UP: 3800'</p> <p>SAMPLES SAVED FROM: 3800'</p> <p>DRILLING TIME FEET FROM: 3700'</p> <p>SAMPLES EXAMINED FROM: 3820'</p> <p>GEOLOGICAL SUPERVISION FROM: 3800'</p> <p>GEOLOGIST ON WELL: Ken Wallace</p> <p>FORMATION TOPS: 3800' (-1232)</p> <p>LOG: 3800' (-1232)</p> <p>FORMATIONS: 3800' (-1232)</p> <p>DATE: 7-15-15</p> <p>BY: Ken Wallace</p>	<p>ELEVATIONS: 2682'</p> <p>KE: 2682'</p> <p>DE: 2682'</p> <p>CI: 2682'</p> <p>MO: 2682'</p> <p>UR: 2682'</p> <p>AN: 2682'</p> <p>AL: 2682'</p> <p>PRODUCTION: 2682'</p> <p>ELECTRICAL SURVEYS: D.S. Price log, Camp</p>
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REMARKS: Production casing set to further
 626-15-15 MI, Spud
 626-15-15 Ditch @ 440', set 260' of 8 7/8" surf casing
 6-2-15 Ditch @ 235'
 6-2-15 Ditch @ 294'
 6-2-15 Ditch @ 375'
 7-1-15 Ditch @ 420'; Ran DST #1 426-4288 (1 1/2 sec)
 7-2-15 Ditch @ 434'; Ran DST #2 4308-4315 (1 1/2 sec)
 7-3-15 Ran DST #3 4368-4375 (1 1/2 sec)
 7-4-15 Ran DST #4 4428-4435 (1 1/2 sec)
 7-5-15 Ran DST #5 4528-4535 (1 1/2 sec)
 7-5-15 Ran DST #6 4628-4635 (1 1/2 sec)
 (F&S 601)

LEGEND

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SCALE " = 100'



DRILL STEM TEST REPORT

Blue Goose Drilling Co., Inc. 32-17-27W Lane, Ks

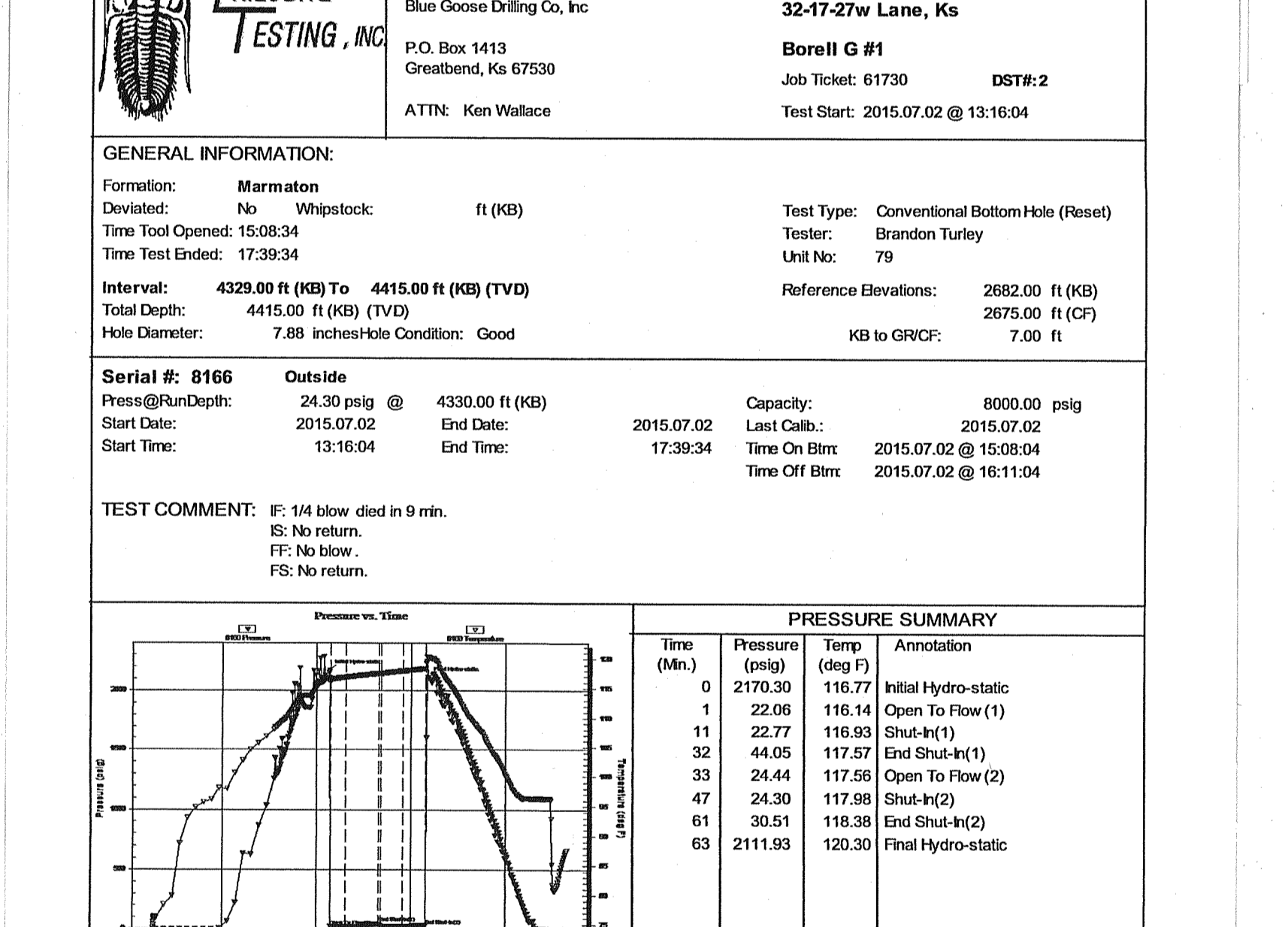
P.O. Box 1413 Job Ticket: 61729 DST#1
 Greatbend, Ks 67530 Test Start: 2015.07.01 @ 17:13:27
 ATTN: Ken Wallace

General Information:
 Formation: KC L zone Test Type: Conventional Bottom Hole (Initial)
 Deviated: No Whipslock: ft (KB)
 Time Tool Opened: 18:59:27 Tester: Brandon Turley
 Time Test Ended: 23:29:57 Unit No: 79

Interval: 4256.00 ft (KB) To 4288.00 ft (KB) (TVD)
 Total Depth: 4288.00 ft (KB) (TVD) Reference Elevations: 2682.00 ft (KB)
 Hole Diameter: 7.88 inches/Hole Condition: Good KB to GRFC: 7.00 ft

Serial #: 8166 Outside Capacity: 8000.00 psig
 Press@RunDepth: 100.76 psig @ 4257.00 ft (KB) Last Calib: 2015.07.01
 Start Date: 2015.07.01 End Date: 2015.07.01
 Start Time: 17:13:27 End Time: 23:29:57 Time On Btrt: 2015.07.01 @ 18:59:27
 Time Off Btrt: 2015.07.01 @ 21:45:57

TEST COMMENT: IF: 1/4 blow built to 3.
 IS: No return.
 FF: Surface blow built to 2.
 FS: No return.



DRILL STEM TEST REPORT

Blue Goose Drilling Co., Inc. 32-17-27W Lane, Ks

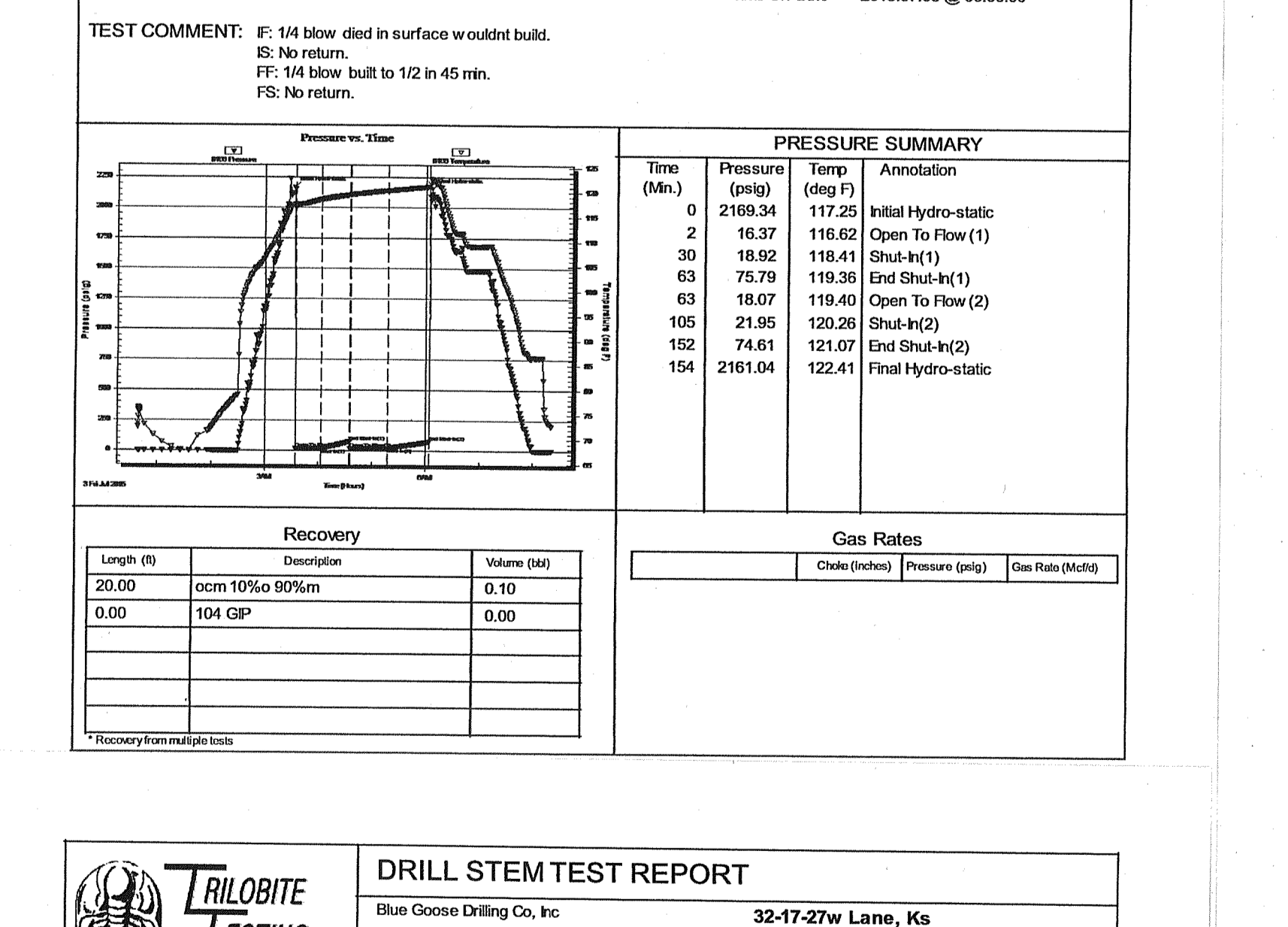
P.O. Box 1413 Job Ticket: 61730 DST#2
 Greatbend, Ks 67530 Test Start: 2015.07.02 @ 13:16:04
 ATTN: Ken Wallace

General Information:
 Formation: Marmaton Test Type: Conventional Bottom Hole (Reset)
 Deviated: No Whipslock: ft (KB)
 Time Tool Opened: 17:39:34 Tester: Brandon Turley
 Time Test Ended: 17:39:34 Unit No: 79

Interval: 4329.00 ft (KB) To 4415.00 ft (KB) (TVD)
 Total Depth: 4415.00 ft (KB) (TVD) Reference Elevations: 2682.00 ft (KB)
 Hole Diameter: 7.88 inches/Hole Condition: Good KB to GRFC: 2675.00 ft (CF)
 KB to GRFC: 7.00 ft

Serial #: 8166 Outside Capacity: 8000.00 psig
 Press@RunDepth: 24.50 psig @ 4330.00 ft (KB) Last Calib: 2015.07.02
 Start Date: 2015.07.02 End Date: 2015.07.02 Time On Btrt: 2015.07.02 @ 15:08:00
 Start Time: 13:16:04 End Time: 17:39:34 Time Off Btrt: 2015.07.02 @ 16:11:04

TEST COMMENT: F: 1/4 blow died in 9 min.
 IS: No return.
 FF: No return.
 FS: No return.



DRILL STEM TEST REPORT

Blue Goose Drilling Co., Inc. 32-17-27W Lane, Ks

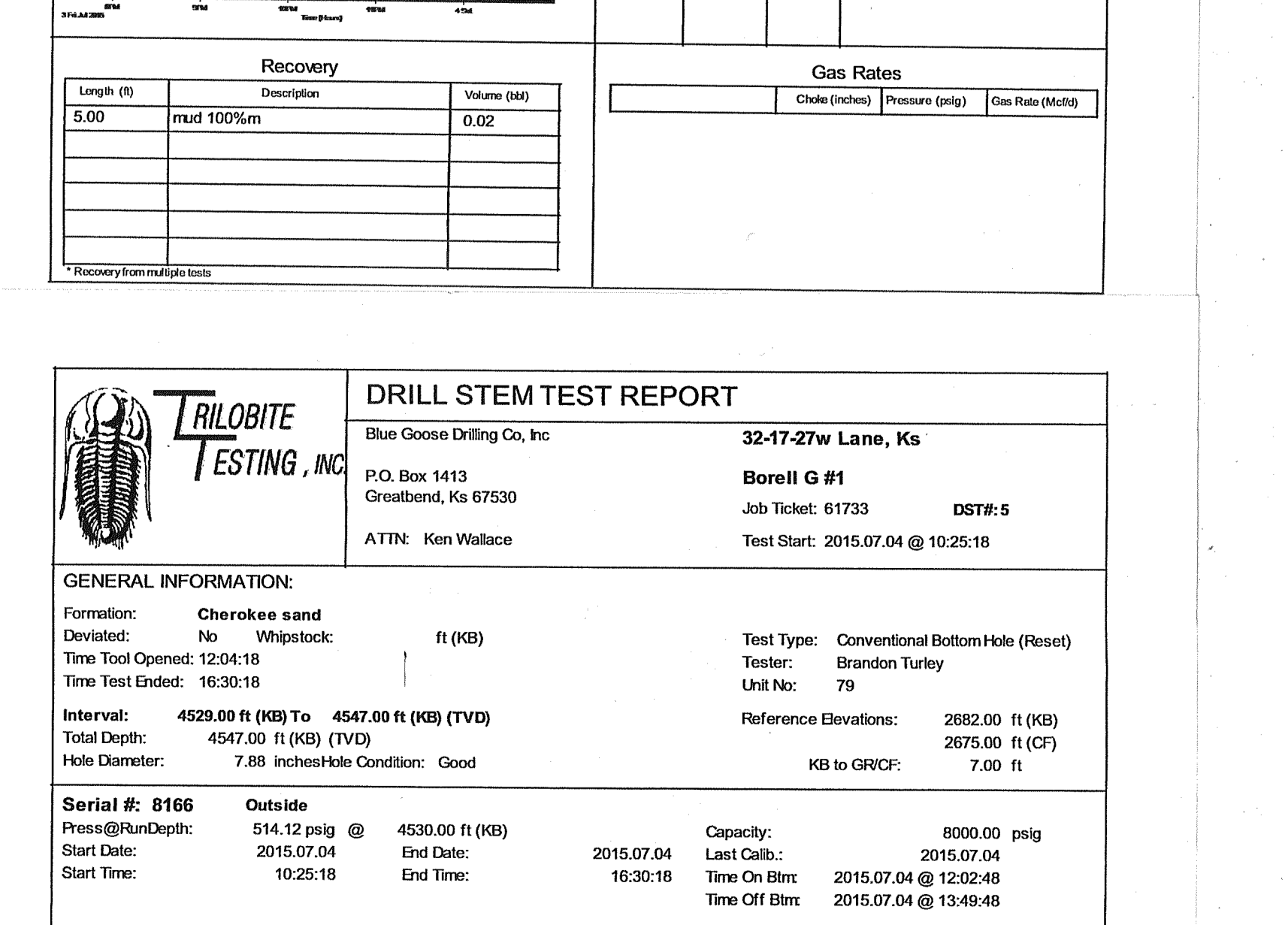
P.O. Box 1413 Job Ticket: 61731 DST#3
 Greatbend, Ks 67530 Test Start: 2015.07.03 @ 08:38:30
 ATTN: Ken Wallace

General Information:
 Formation: Pennec Test Type: Conventional Bottom Hole (Reset)
 Deviated: No Whipslock: ft (KB)
 Time Tool Opened: 08:34:30 Tester: Brandon Turley
 Time Test Ended: 08:21:30 Unit No: 79

Interval: 4408.00 ft (KB) To 4436.00 ft (KB) (TVD)
 Total Depth: 4436.00 ft (KB) (TVD) Reference Elevations: 2682.00 ft (KB)
 Hole Diameter: 7.88 inches/Hole Condition: Good KB to GRFC: 2675.00 ft (CF)
 KB to GRFC: 7.00 ft

Serial #: 8166 Outside Capacity: 8000.00 psig
 Press@RunDepth: 21.95 psig @ 4409.00 ft (KB) Last Calib: 2015.07.03
 Start Date: 2015.07.03 End Date: 2015.07.03 Time On Btrt: 2015.07.03 @ 08:38:30
 Start Time: 08:34:30 End Time: 08:21:30 Time Off Btrt: 2015.07.03 @ 08:26:30

TEST COMMENT: IF: 1/4 blow died in 9 min.
 IS: No return.
 FF: No return.
 FS: No return.



DRILL STEM TEST REPORT

Blue Goose Drilling Co., Inc. 32-17-27W Lane, Ks

P.O. Box 1413 Job Ticket: 61733 DST#5
 Greatbend, Ks 67530 Test Start: 2015.07.04 @ 10:25:18
 ATTN: Ken Wallace

General Information:
 Formation: Cherokee sand Test Type: Conventional Bottom Hole (Reset)
 Deviated: No Whipslock: ft (KB)
 Time Tool Opened: 22:01:18 Tester: Brandon Turley
 Time Test Ended: 00:45:48 Unit No: 79

Interval: 4529.00 ft (KB) To 4547.00 ft (KB) (TVD)
 Total Depth: 4547.00 ft (KB) (TVD) Reference Elevations: 2682.00 ft (KB)
 Hole Diameter: 7.88 inches/Hole Condition: Good KB to GRFC: 2675.00 ft (CF)
 KB to GRFC: 7.00 ft

Serial #: 8166 Outside Capacity: 8000.00 psig
 Press@RunDepth: 20.40 psig @ 4530.00 ft (KB) Last Calib: 2015.07.04
 Start Date: 2015.07.04 End Date: 2015.07.04 Time On Btrt: 2015.07.04 @ 12:02:48
 Start Time: 10:25:18 End Time: 00:45:48 Time Off Btrt: 2015.07.04 @ 13:49:48

TEST COMMENT: IF: BOB in 1 min.
 IS: BOB in 15 min.
 FF: BOB in 1 min.
 FS: BOB in 25 min.

