



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Blue Goose Drilling Co., Inc.

S5-20s-26w Ness/KS

POB 1413
Great Bend, KS 67530

Stiawalt #4

Job Ticket: 64505

DST#: 3

ATTN: Ken Wallace

Test Start: 2016.02.18 @ 20:28:00

GENERAL INFORMATION:

Formation: **Cherokee Sand**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:11:20

Time Test Ended: 03:36:20

Test Type: Conventional Bottom Hole (Reset)

Tester: Chuck Smith

Unit No: 81

Interval: **4571.00 ft (KB) To 4611.00 ft (KB) (TVD)**

Reference Elevations: 2639.00 ft (KB)

Total Depth: 4611.00 ft (KB) (TVD)

2630.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 9.00 ft

Serial #: 8357

Inside

Press @ Run Depth: 156.91 psig @ 4573.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2016.02.18

End Date:

2016.02.19

Last Calib.:

2016.02.19

Start Time: 20:28:02

End Time:

03:36:20

Time On Btm:

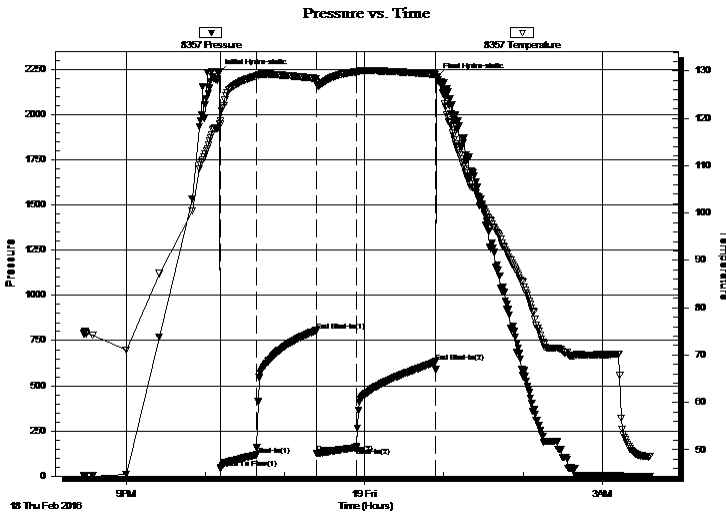
2016.02.18 @ 22:09:50

Time Off Btm:

2016.02.19 @ 00:54:50

TEST COMMENT: 30- B.O.B. @ 13 min.
45- 2 1/2" Return.
30- B.O.B. @ 23 min.
60- 1" Return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2229.02	118.09	Initial Hydro-static
2	41.98	118.79	Open To Flow (1)
29	117.63	128.93	Shut-In(1)
74	805.00	128.43	End Shut-In(1)
75	124.83	127.48	Open To Flow (2)
104	156.91	129.81	Shut-In(2)
164	633.86	129.30	End Shut-In(2)
165	2205.56	128.85	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	API: 37 @ 50 Degrees F = 38.	0.00
183.00	GOCM 20g 15o 65m	1.47
126.00	GO 35g 65o	1.77
78.00	GO 30g 70o	1.09
0.00	230' GIP	0.00

Gas Rates

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

* Recovery from multiple tests



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2630.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 6751 Outside

Press @ Run Depth: psig @ 4573.00 ft (KB)

Start Date: 2016.02.18

End Date: 2016.02.19

Start Time: 20:28:02

End Time: 03:36:10

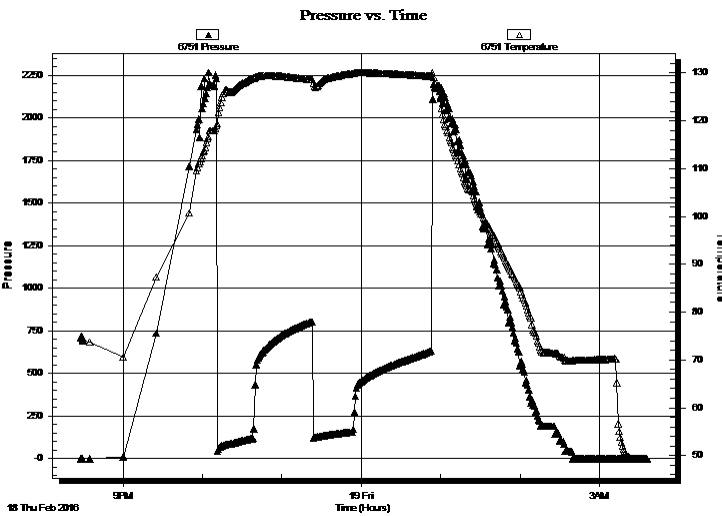
Capacity: 8000.00 psig

Last Calib.: 2016.02.19

Time On Btm:

Time Off Btm:

TEST COMMENT: 30- B.O.B. @ 13 min.
45- 2 1/2" Return.
30- B.O.B. @ 23 min.
60- 1" Return.



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
0.00	API: 37 @ 50 Degrees F = 38.	0.00
183.00	GOCM 20g 15o 65m	1.47
126.00	GO 35g 65o	1.77
78.00	GO 30g 70o	1.09
0.00	230' GIP	0.00

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Blue Goose Drilling Co., Inc.

S5-20s-26w Ness/KS

POB 1413
Great Bend, KS 67530

Stiawalt #4

Job Ticket: 64505

DST#: 3

ATTN: Ken Wallace

Test Start: 2016.02.18 @ 20:28:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 55.00 sec/qt
Water Loss: 7.20 in³
Resistivity: 0.00 ohm.m
Salinity: 3500.00 ppm
Filter Cake: 1.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: 38 deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	API: 37 @ 50 Degrees F = 38.	0.000
183.00	GOCM 20g 15o 65m	1.474
126.00	GO 35g 65o	1.767
78.00	GO 30g 70o	1.094
0.00	230' GIP	0.000

Total Length: 387.00 ft Total Volume: 4.335 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:

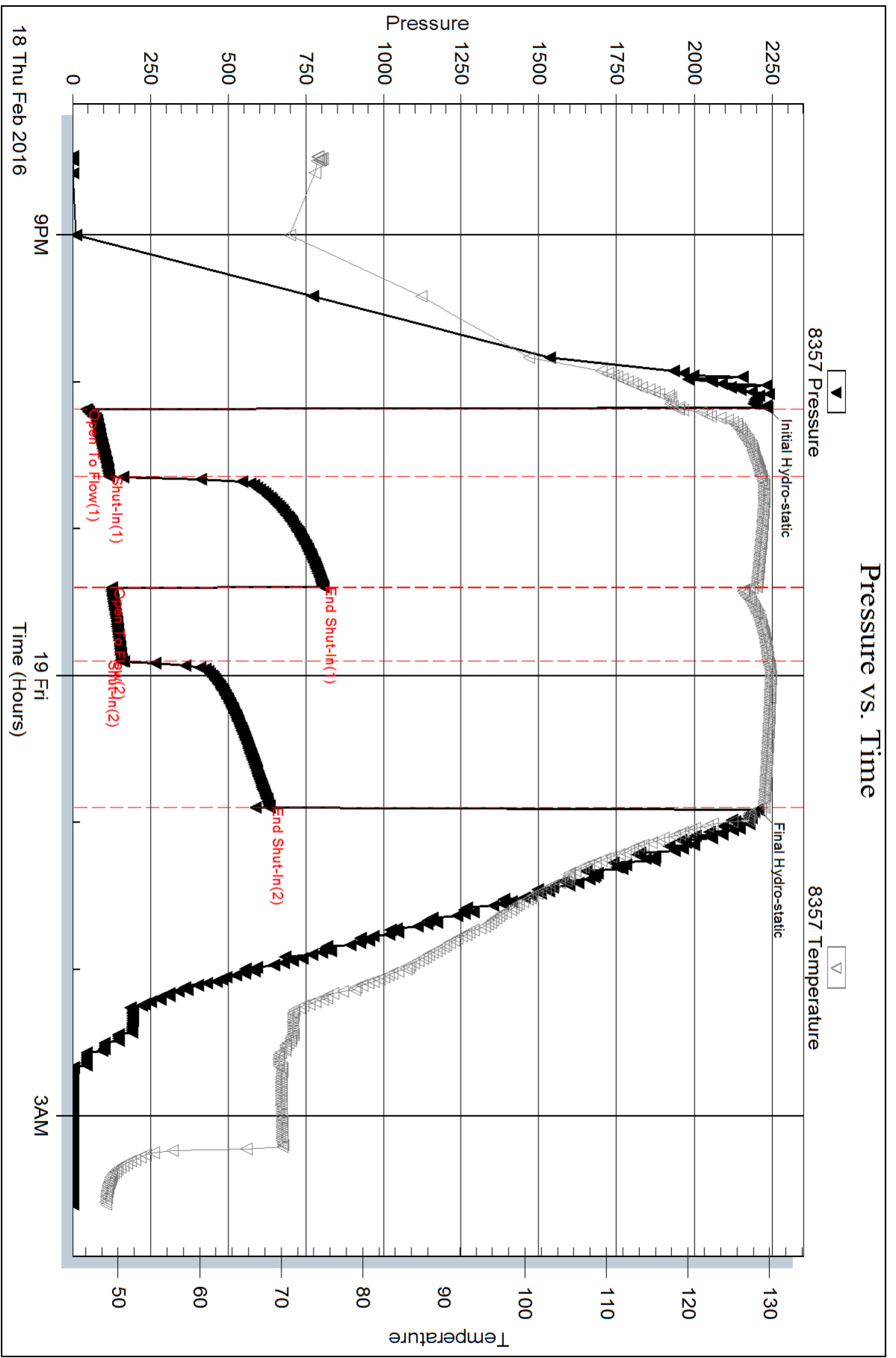
Serial #: 8357

Inside

Blue Goose Drilling Co., Inc.

Slaw at #4

DST Test Number: 3



Triobite Testing, Inc

Ref. No: 64505

Printed: 2016.02.19 @ 07:24:35

Serial #: 6751

Outside Blue Goose Drilling Co., Inc.

Slaw at #4

DST Test Number: 3

