



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Culbreath Oil & Gas Co., Inc.

36/9s/26w Sheridan KS

1532 S Peoria Ave
Tulsa, OK 74120

Dubois #3-36

Job Ticket: 56978

DST#: 1

ATTN: Steve Murphy

Test Start: 2014.03.23 @ 15:30:00

GENERAL INFORMATION:

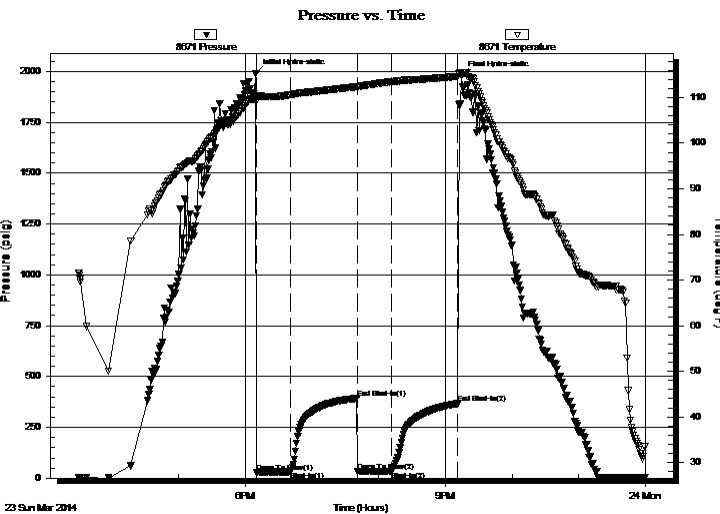
Formation: **LKC "B"**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 18:09:45
 Tester: James Winder/ Brando
 Time Test Ended: 23:59:15
 Unit No: 57
 Interval: **3872.00 ft (KB) To 3896.00 ft (KB) (TVD)**
 Reference Elevations: 2601.00 ft (KB)
 Total Depth: 3896.00 ft (KB) (TVD)
 2591.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: Fair
 KB to GR/CF: 10.00 ft

Serial #: 8671

Inside

Press @ Run Depth: 32.97 psig @ 3873.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.03.23 End Date: 2014.03.23 Last Calib.: 2014.03.24
 Start Time: 15:30:05 End Time: 23:59:14 Time On Btm: 2014.03.23 @ 18:09:30
 Time Off Btm: 2014.03.23 @ 21:14:15

TEST COMMENT: 30-IF; 1/4in. blow built to 1in.
 60-ISI: No Blow Back
 30-FF: No Blow
 60-FSI: No Blow Back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1988.53	110.46	Initial Hydro-static
1	29.31	109.17	Open To Flow (1)
32	31.50	110.66	Shut-In(1)
91	392.74	112.40	End Shut-In(1)
92	32.55	112.18	Open To Flow (2)
122	32.97	113.46	Shut-In(2)
182	366.67	114.64	End Shut-In(2)
185	1977.59	115.52	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	Mud w / Oil Spots 98% _m , 2% _o	0.42

Gas Rates

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



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FLUID SUMMARY

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Dubois #3-36

Job Ticket: 56978

DST#: 1

ATTN: Steve Murphy

Test Start: 2014.03.23 @ 15:30:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	Mud w / Oil Spots 98% _m , 2% _o	0.421

Total Length: 30.00 ft Total Volume: 0.421 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

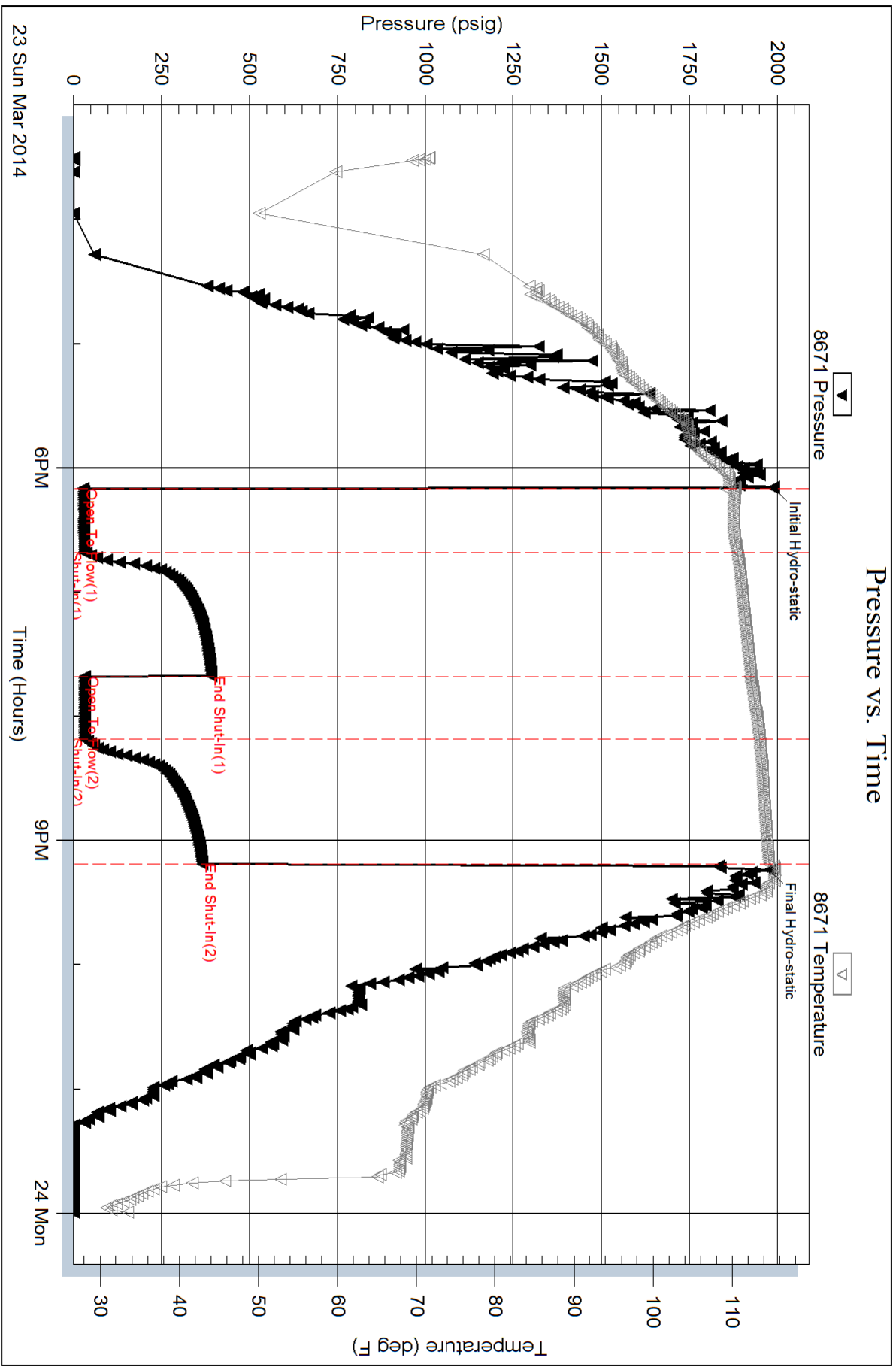
Serial #: 8671

Inside

Culbreath Oil & Gas Co., Inc.

Dubois #3-36

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 56978

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