

DIAMOND TESTING GENERAL REPORT

Jake Fahrenbruch, Tester

Cell: (620) 282-8977 / Office: (800) 542-7313



TEST INFORMATION

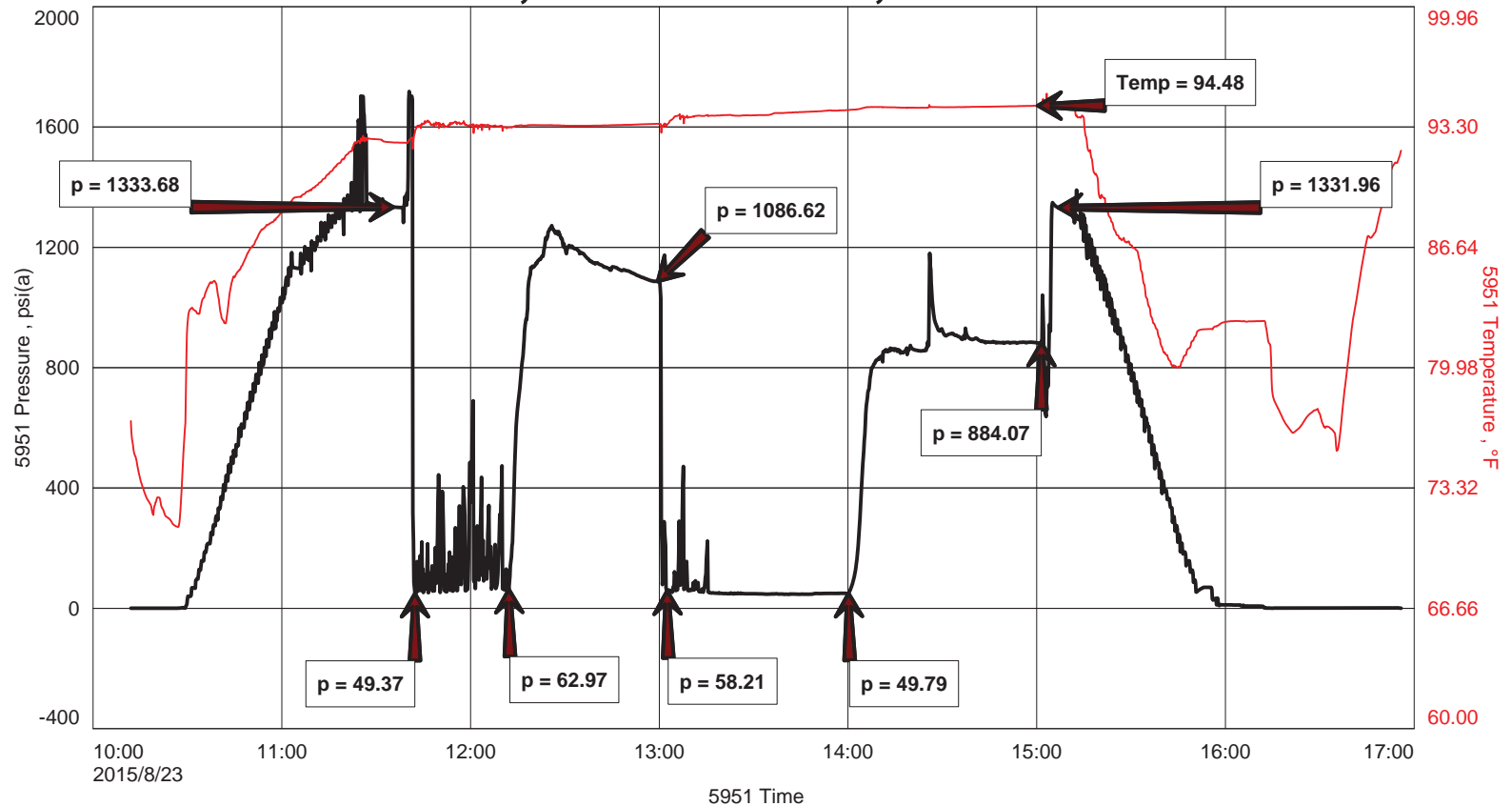
Well Name	Younger #3
Company Name	Vess Oil Corp.
Formation	DST #1, Topeka 2860'-2880'
Test Type	Bottom-Hole w/J&Jnt
Surface Location	Sec 7-10s-16w-Rooks County-KS
KB Elevation (SL)	1957.000
Gauge Name	5951
Start Test Date	2015/08/23
Start Test Time	10:12:00
Final Test Date	2015/08/23
Final Test Time	16:58:00
Job Number	F407
Contact	Dustin Klaus
Site Contact	Roger Martin

TEST RESULTS

Initial flow, tool slid 2" after opening, 2" blow, increased to 3". No blowback.
 Final flow, weak blow, increased to 1.25". No blowback.

Recovered 55' of WCM w/trace oil show, <1% oil, 15% wtr, >84% mud
 Tool Sample: SOCWCM, 5% oil, 10% wtr, 85% mud
 Chlorides: 32,000 PPM
 RW: .18 ohm @ 85 Deg F
 PH: 8.0

DST #1, YOUNGER #3, 2860'-2880'





DIAMOND TESTING
 P.O. Box 157
 HOISINGTON, KANSAS 67544
 (800) 542-7313
DRILL-STEM TEST TICKET
 FILE: YOUNGER 3 DST 1

ON LOCATION:	<u>09:35</u>
START RECORDERS:	<u>10:12</u>
STOP RECORDERS:	<u>16:58</u>

Company VESS OIL CORP. Lease & Well No. YOUNGER #3
 Contractor DISCOVERY REG #4 Charge to VESS OIL CORP.
 Elevation 1957' KB Formation TOPEKA Effective Pay _____ Ft. Ticket No. F407
 Date 8-23-15 Sec. 7 Twp. 10s Range 16w County ROOKS State KANSAS
 Test Approved By ROGER & PENNY & BEAST MARDEN Diamond Representative _____ JAKE FAHRENBRUCH

Formation Test No. 1 Interval Tested from 2860 ft. to 2880 ft. Total Depth 2880 ft.
 Packer Depth 2855 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Packer Depth 2860 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 2843 ft. Recorder Number 5584 Cap. 5000 P.S.I.
 Bottom Recorder Depth (Outside) 2861 ft. Recorder Number 5951 Cap. 5000 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 49 (2" LCM) Drill Collar Length 30 ft. I.D. 2 1/4 in.
 Weight 8.7 Water Loss 9.6 cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
 Chlorides 8800 P.P.M. Drill Pipe Length 2797 ft. I.D. 3 1/2 in.
 Jars: Make STERLING Serial Number #5 J & JNT Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? _____ Reversed Out _____ Anchor Length 20 ft. Size 4 1/2-FH in.
 Main Hole Size 7 7/8 Tool Joint Size _____ in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: SLID 2', 2" BLOW, INCREASED TO 3" NO BLOWBACK.
 2nd Open: WEAK BLOW, INCREASED TO 1 1/4" NO BLOWBACK.

Recovered 55 ft. of WCM w/TRACE OIL SHOW <1" OIL, 15" WTR, >84" MUD
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of ~~WCM~~

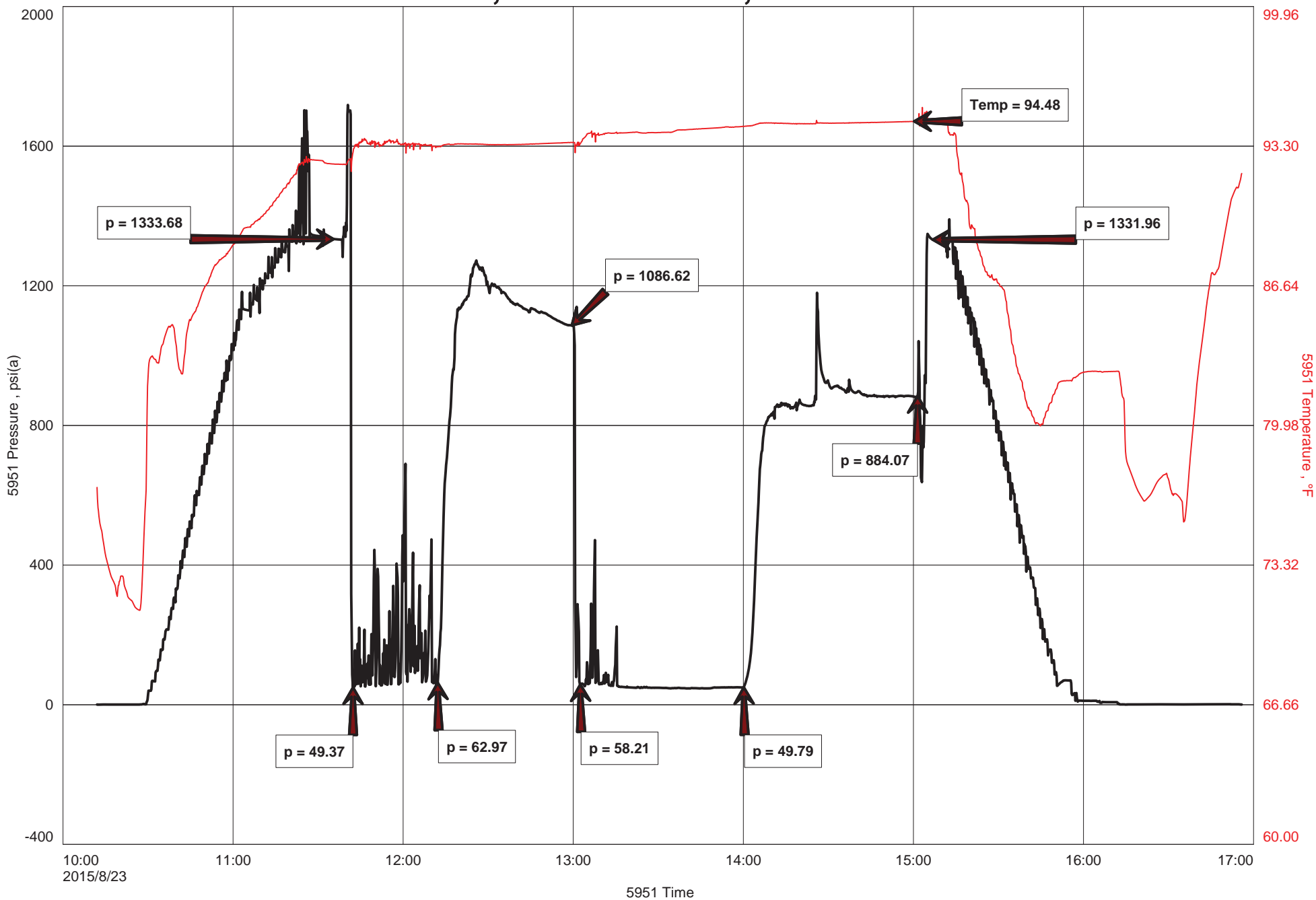
Recovered _____ ft. of <u>TOOL SAMPLE: SOC WCM (≈ 5% oil) 10" w, 85" m</u>	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: <u>CHLORIDES: 32,000 PPM</u>	<u>J & JNT</u>
<u>RW: .18 Ω @ 85°F</u>	<u>253 MRT (PRAT)</u>
<u>PH: 8.0</u>	Total

Time Set Packer(s) 11:45 A.M. P.M. Time Started Off Bottom 15:00 A.M. P.M. Maximum Temperature 94°F

Initial Hydrostatic Pressure..... (A) 1334 P.S.I.
 Initial Flow Period..... Minutes 30 (B) 49 P.S.I. to (C) 63 P.S.I.
 Initial Closed In Period..... Minutes 45 (D) 1087 P.S.I.
 Final Flow Period..... Minutes 60 (E) 58 P.S.I. to (F) 50 P.S.I.
 Final Closed In Period..... Minutes 60 (G) 884 P.S.I. THANKS!
 Final Hydrostatic Pressure..... (H) 1332 P.S.I. Jake Fahrenbruch

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

DST #1, YOUNGER #3, 2860'-2880'





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: YOUNGER3DST1

TIME ON: 10:12
TIME OFF: 16:58

Company Vess Oil Corp. Lease & Well No. Younger #3
Contractor Discovery Drilling Rig #4 Charge to Vess Oil Corp.
Elevation 1957' KB Formation Topeka Effective Pay _____ Ft. Ticket No. F407
Date 8-23-15 Sec. 7 Twp. _____ 10s S Range _____ 16w W County Rooks State KANSAS
Test Approved By Roger & Pinky & Beast Martin Diamond Representative Jake Fahrenbruch

Formation Test No. 1 Interval Tested from 2860 ft. to 2880 ft. Total Depth 2880 ft.
Packer Depth 2855 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 2860 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Depth of Selective Zone Set _____

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Bottom Recorder Depth (Outside) 2861 ft. Recorder Number 5951 Cap. 5000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 49 (2# LCM) Drill Collar Length 30 ft. I.D. 2 1/4 in.
Weight 8.7 Water Loss 9.6 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 8,800 P.P.M. Drill Pipe Length 2,797 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number #5 J,J Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 20 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: Tool slid 2', 2" blow, increased to 3". No blowback.
2nd Open: Weak blow, increased to 1.25". No blowback.

Recovered 55 ft. of WCM w/trace oil show <1% oil, 15% wtr, >84% mud
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____

Recovered _____ ft. of Tool sample: SOCWCM 5% oil, 10% wtr, 85% mud
Remarks: Chlorides: 32,000 PPM
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Final Closed In Period..... Minutes 60 (G) 884 P.S.I.
Final Hydrostatic Pressure..... (H) 1332 P.S.I.

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