

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 #2, Plattsmouth 3015'-3040'
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	2015/08/24
Start Test Time	04:45:00
Final Test Date	2015/08/24
Final Test Time	11:02:00
Job Number	F408
Contact	Dylan Klaus
Site Contact	Roger Martin

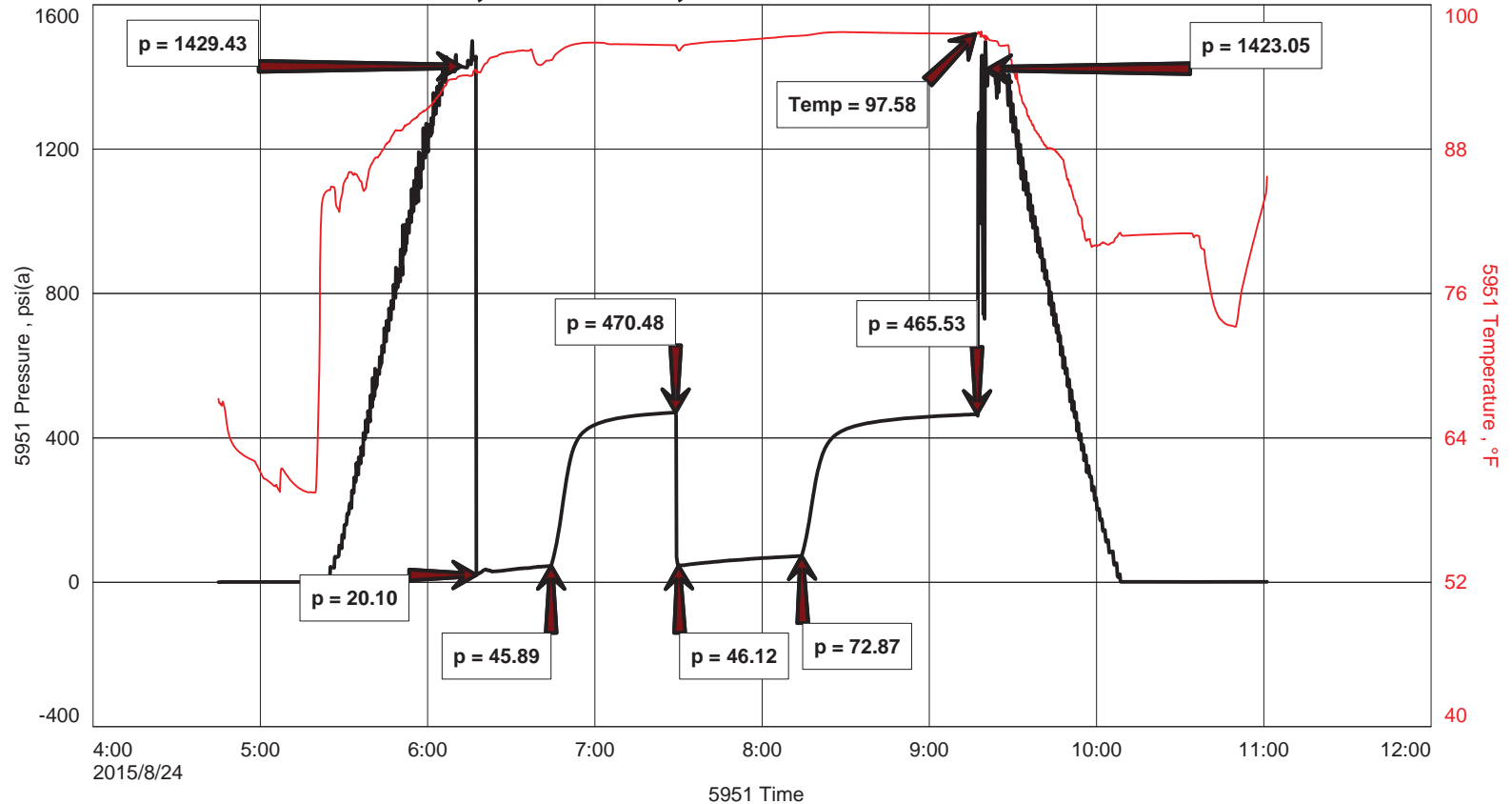
TEST RESULTS

Initial flow, blow increased to BOB in 15 minutes. No blowback.
 Final flow, blow increased to BOB in 10 minutes. No blowback.

TOTAL FLUID RECOVERED: 140'

- 80' Clean Gassy Oil 7% gas, 93% oil
- 60' G&WC Muddy Oil 15% gas, 37% oil, 13% wtr, 35% mud
- 350' GAS IN PIPE
- Chlorides: 37,500 PPM
- RW: .18 ohm @ 75 Deg F
- PH: 8.0

YOUNGER #3, DST #2, PLATTSMOUTH 3015'-3040'





DIAMOND TESTING
 P.O. Box 157
 HOISINGTON, KANSAS 67544
 (800) 542-7313
 DRILL-STEM TEST TICKET
 FILE: YOUNGER3DST2

ON LOCATION: 04:30
 START RECORDERS: 04:45
 STOP RECORDERS: 11:02

Company VESS OIL CORP Lease & Well No. YOUNGER #3
 Contractor DISCOVERY DRUG REG#4 Charge to VESS OIL CORP
 Elevation 1957' KB Formation PLATTSMOUTH Effective Pay _____ Ft. Ticket No. F408
 Date 8-24-15 Sec. 7 Twp. 10s Range 16W County ROOKS State KANSAS
 Test Approved By ROGER MARTIN Diamond Representative JAKE FAHRENBRUCH

Formation Test No. 2 Interval Tested from 3015 ft. to 3040 ft. Total Depth 3040 ft.
 Packer Depth 3010 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Packer Depth 3015 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3016 ft. Recorder Number 5951 Cap. 5000 P.S.I.
 Bottom Recorder Depth (Outside) 3016 ft. Recorder Number 5584 Cap. 5000 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 51 (2#LCM) Drill Collar Length 30 ft. I.D. 2 1/4 in.
 Weight 8.9 Water Loss 9.6 cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
 Chlorides 8800 P.P.M. Drill Pipe Length 2957 ft. I.D. 3 1/2 in.
 Jars: Make STERLING Serial Number #5 J&JMT Test Tool Length 28 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? _____ Reversed Out _____ Anchor Length 25 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: BLOW INCREASED TO BOB IN 15 MINUTES. NO BLOWBACK.
 2nd Open: BLOW INCREASED TO BOB IN 10 MINUTES.

Recovered 80 ft. of CLEAN GASSY OIL 7" GAS, 93" OIL
 Recovered 60 ft. of G&WC Muddy Oil 15" GAS, 37" OIL, 13" WTR, 35" MUD
 Recovered _____ ft. of _____

Recovered _____ ft. of 350' GAS IN PIPE
 Recovered _____ ft. of TOOL SAMPLE: SGC WC MD, 5' 45" 20" W 30" M Price Job
 Recovered _____ ft. of CHLORIDES: 37,500 PPM Other Charges

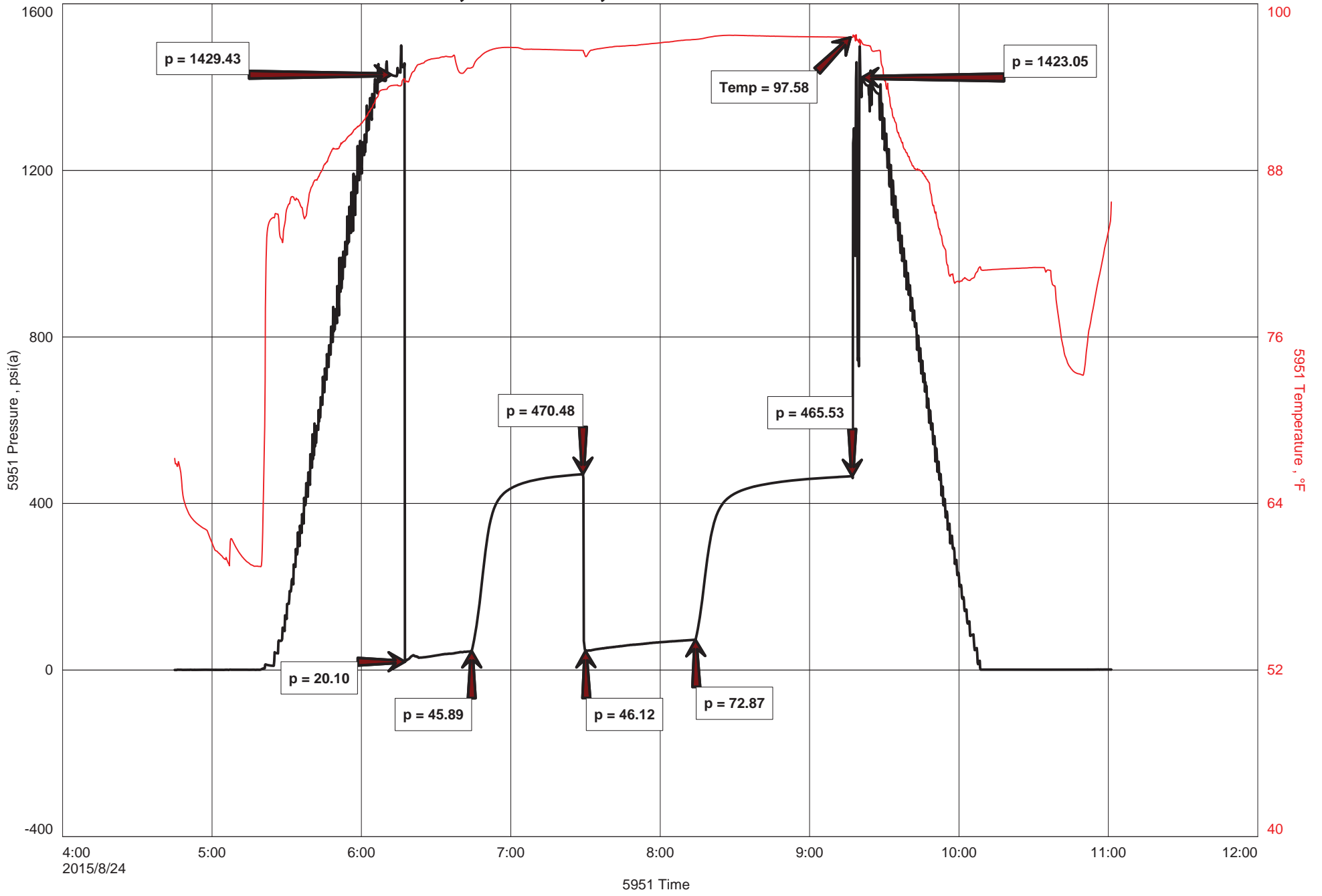
Remarks: RW: .18 Ω @ 75' F
PH: 8.0
TOTAL FLUID RECOVERED: 140'
 J&JMT
30 MRI (PAWENVILLE)
 Total

Time Set Packer(s) 06:15 A.M. P.M. Time Started Off Bottom 09:15 A.M. P.M. Maximum Temperature 98°F

Initial Hydrostatic Pressure..... (A) 1429 P.S.I.
 Initial Flow Period..... Minutes 30 (B) 20 P.S.I. to (C) 46 P.S.I.
 Initial Closed In Period..... Minutes 45 (D) 470 P.S.I.
 Final Flow Period..... Minutes 45 (E) 46 P.S.I. to (F) 73 P.S.I.
 Final Closed In Period..... Minutes 60 (G) 466 P.S.I. THANKS!
 Final Hydrostatic Pressure..... (H) 1423 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.

YOUNGER #3, DST #2, PLATTSMOUTH 3015'-3040'





DIAMOND TESTING
 P.O. Box 157
 HOISINGTON, KANSAS 67544
 (800) 542-7313

TIME ON: 04:45
 TIME OFF: 11:02

DRILL-STEM TEST TICKET
 FILE: YOUNGER3DST2

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. F408
 Date 8-24-15 Sec. 7 Twp. _____ 10s S Range 16w W County Rooks State KANSAS
 Test Approved By Roger Martin Diamond Representative Jake Fahrenbruch

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 Recovered _____ ft. of _____
 Recovered _____ ft. of 350' GAS IN PIPE

Recovered _____ ft. of <u>Tool Sample: SGCWCMO 5%G-45%O-20%W-30%M</u>	Price Job
Recovered _____ ft. of <u>Chlorides: 37,500 PPM</u>	Other Charges
Remarks: <u>RW: .18 ohm @ 75 Deg F</u>	Insurance
<u>PH: 8.0</u>	
TOTAL RECOVERED FLUID: 350'	Total

Time Set Packer(s) 06:15 A.M. P.M. Time Started Off Bottom 09:15 A.M. P.M. Maximum Temperature 98 F
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 Final Closed In Period..... Minutes 60 (G) 466 P.S.I.
 Final Hydrostatic Pressure..... (H) 1423 P.S.I.

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