

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	Lansing / Kansas City "G" 3205'-3220'
Test Type	Bottom-Hole w/J&Jnt
Surface Location	Sec 7-10s-16w-Rooks County-Kansas
KB Elevation (SL)	1957.000
Gauge Name	5951
Start Test Date	2015/08/25
Start Test Time	11:01:00
Final Test Date	2015/08/25
Final Test Time	18:34:00
Job Number	F410
Contact	Dylan Klaus
Site Contact	Roger Martin

TEST RESULTS

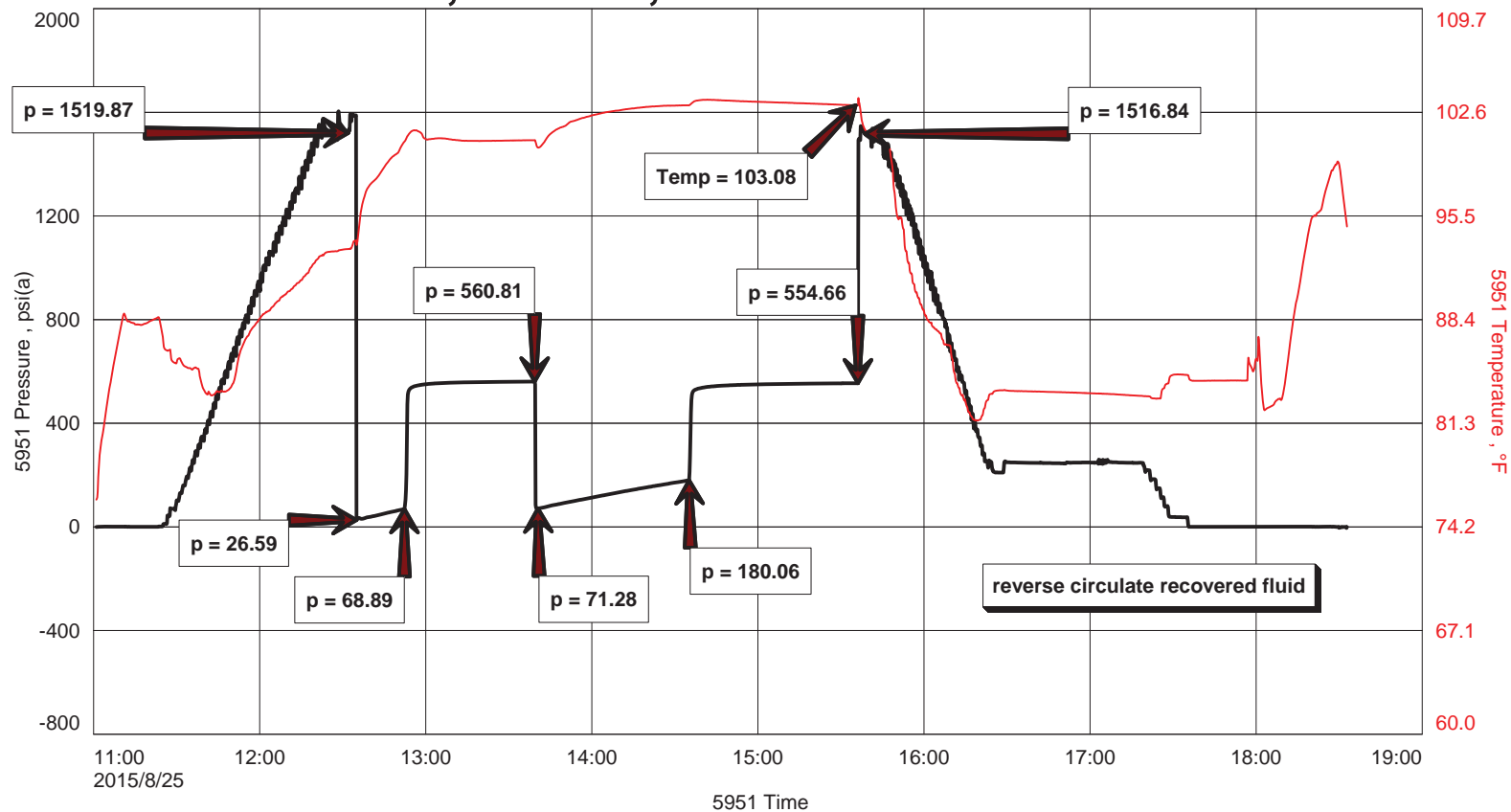
Initial flow period, strong blow, increased to BOB in 2.5 minutes. Blowback increased to 7" in bucket.
 Final flow period, strong blow, increased to BOB in 5 minutes. Blowback increased to BOB in 15 minutes.

TOTAL FLUID RECOVERED: 450' HvyGCWCMCO 25% gas, 50% oil, 10% wtr, 15% mud

(reversed out ~325' of fluid)

- Tool Sample: SMC0 5% mud, 95% oil
- Gas in Pipe: 2600'
- Chlorides: 58,000 PPM
- RW: .09 ohm @ 100 Deg F
- PH: 8.0
- Gravity: 37 @ 60 F

YOUNGER #3, DST #4, LANSING / KC "G" 3205'-3220'





DIAMOND TESTING
 P.O. Box 157
 HOISINGTON, KANSAS 67544
 (800) 542-7313
DRILL-STEM TEST TICKET
 FILE: YOUNGER3DST4

ON LOCATION:	<u>11:00</u>
START RECORDERS:	<u>11:01</u>
STOP RECORDERS:	<u>18:34</u>

Company VESS OIL CORP. Lease & Well No. YOUNGER #3
 Contractor DISCOVERY DRUG. RIG #4 Charge to VESS OIL CORP.
 Elevation 1957'KB Formation L/KC "G" Effective Pay _____ Ft. Ticket No. F410
 Date 8-25-15 Sec. 7 Twp. 10S Range 16W County ROOKS State KANSAS
 Test Approved By ROGER FRIEDLY Diamond Representative JAKE FAHRENBRUCH

Formation Test No. 4 Interval Tested from 3205 ft. to 3220 ft. Total Depth 3220 ft.
 Packer Depth 3200 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Packer Depth 3205 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3206 ft. Recorder Number 5951 Cap. 5000 P.S.I.
 Bottom Recorder Depth (Outside) 3206 ft. Recorder Number 5584 Cap. 5000 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.
 Mud Type CHEMICAL Viscosity 55 (2"CM) Drill Collar Length 30 ft. I.D. 2 1/4 in.
 Weight 9.1 Water Loss 7.2 cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
 Chlorides 6000 P.P.M. Drill Pipe Length 3147 ft. I.D. 3 1/2 in.
 Jars: Make STERLING Serial Number #5 J&JNT Test Tool Length 28 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? _____ Reversed ★ YES ★ Anchor Length 15 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: STRONG BLOW @ BOB IN 2 1/2 MINUTES. BLOWBACK INC TO 7".
 2nd Open: STRONG BLOW @ BOB IN 5 MINUTES. BLOWBACK @ BOB IN 15 MIN.

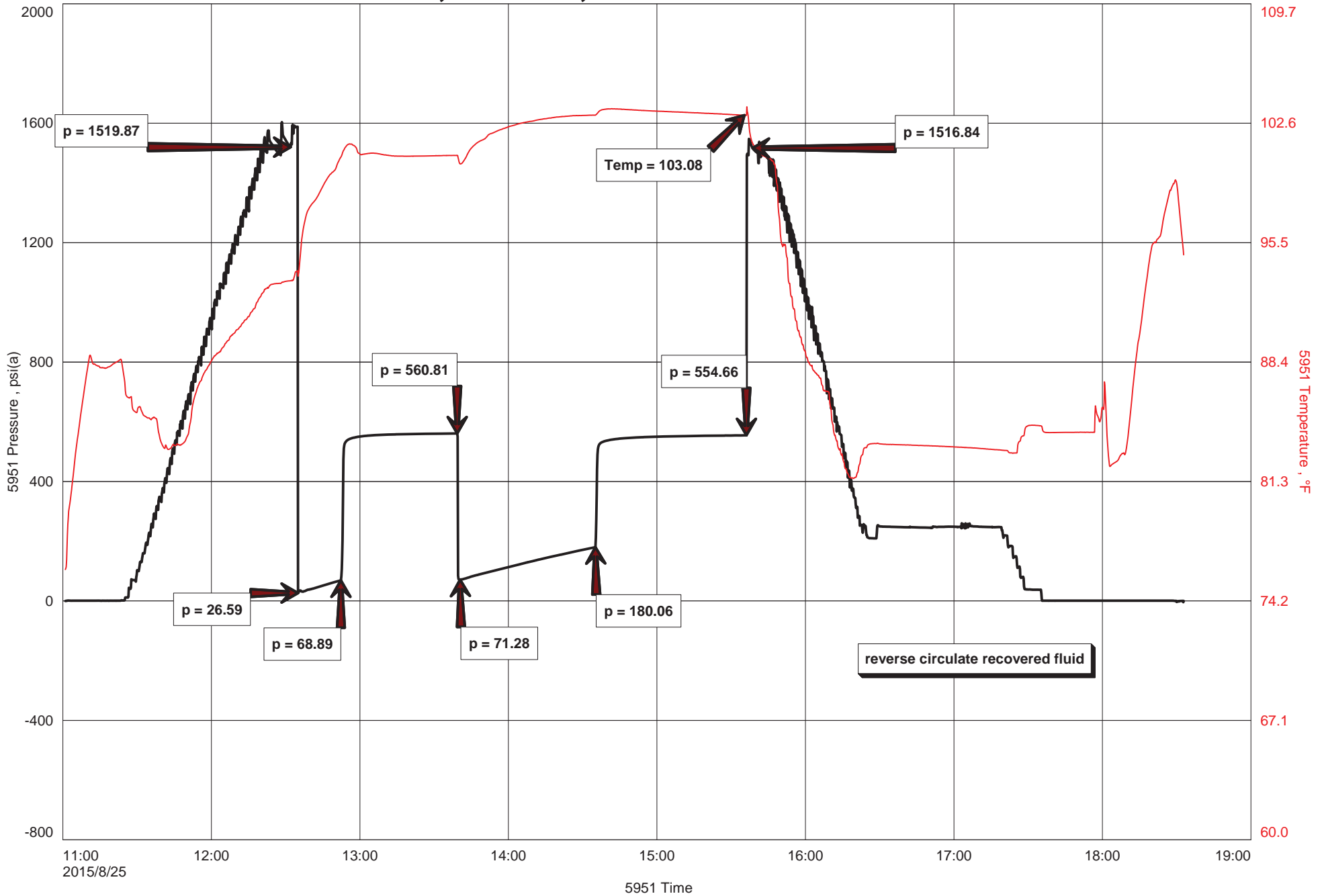
Recovered _____ ft. of Reversed out ~325' of fluid
 Recovered 450 ft. of Hvy GC WC MCO 25% GAS, 50% OIL, 10% LTR, 15% MUD
 Recovered _____ ft. of TOOL SAMPLE: SMCO 5" in, 95% OIL
 Recovered _____ ft. of TOTAL RECOVERED FLUID: 450'
 Recovered _____ ft. of GAS IN PIPE: 2600'
 Recovered _____ ft. of GRAVITY: 37 @ 60°F
 Remarks: CHLORIDES: 58,000 PPM
RW: .09 Ω @ 100°F
PH: 8.0

Price Job	
Other Charges	<u>CIRC SUB</u>
Total	<u>J&JNT</u> <u>30MRT (PV)</u>

Time Set Packer(s) 12:36 A.M. P.M. Time Started Off Bottom 15:36 A.M. P.M. Maximum Temperature 103°F
 Initial Hydrostatic Pressure..... (A) 1520 P.S.I.
 Initial Flow Period..... Minutes 15 (B) 27 P.S.I. to (C) 69 P.S.I.
 Initial Closed In Period..... Minutes 45 (D) 561 P.S.I.
 Final Flow Period..... Minutes 60 (E) 71 P.S.I. to (F) 180 P.S.I.
 Final Closed In Period..... Minutes 60 (G) 555 P.S.I. THANKS!
 Final Hydrostatic Pressure..... (H) 1517 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 #4, LANSING / KC "G" 3205'-3220'





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

TIME ON: 11:01
 TIME OFF: 18:34

DRILL-STEM TEST TICKET
 FILE: YOUNGER3DST4

Company Vess Oil Corp. Lease & Well No. Younger #3
 Contractor Discovery Drilling Rig #4 Charge to Vess Oil Corp.
 Elevation 1957' KB Formation Lansing/KC "G" Effective Pay _____ Ft. Ticket No. F410
 Date 8-25-15 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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	Price Job
	Other Charges
	Insurance
	Total

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