

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 #3, Toronto - L/KC "A-F" 3061'-3204'
Test Type	Bottom-Hole w/J&Jnt
Surface Location	Sec 7-10s-16w-Rooks County-KS
KB Elevation (SL)	596.494
Gauge Name	5951
Start Test Date	2015/08/24
Start Test Time	22:25:00
Final Test Date	2015/08/25
Final Test Time	05:09:00
Job Number	F409
Contact	Dylan Klaus
Site Contact	Roger Martin

TEST RESULTS

Initial flow, blow increased to BOB in 26 minutes. No blowback.

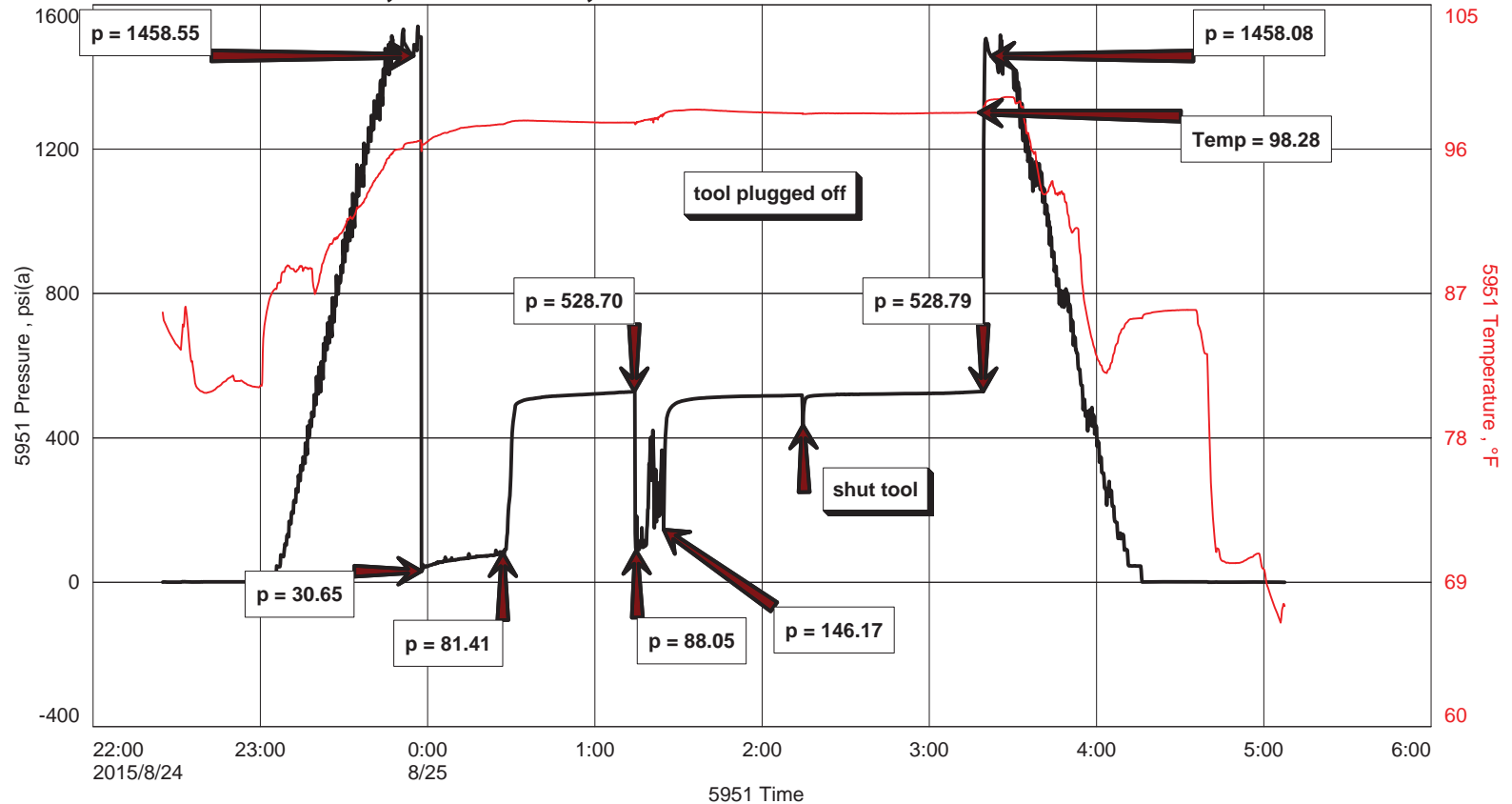
Final flow, blow increased to 7.5". No blowback.

(tool completely plugged off 10 minutes into final flow period)

TOTAL FLUID RECOVERED: 175'

55'	SOCM	4% oil, 96% mud
120'	GCSOCM	15% gas, 4% oil, 81% mud
----	RW: .52 ohm @ 60 Deg F	
----	PH: 7.0	
----	Chlorides: 14,500 PPM	

YOUNGER #3, DST #3, TORONTO - L/KC "A-F" 3061'-3204'





DIAMOND TESTING
 P.O. Box 157
 HOISINGTON, KANSAS 67544
 (800) 542-7313
DRILL-STEM TEST TICKET
 FILE: YOUNGER3PST3

ON LOCATION:	<u>21:40</u>	<u>8-24</u>
START RECORDERS:	<u>22:25</u>	<u>8-24</u>
STOP RECORDERS:	<u>05:09</u>	<u>8-25</u>

Company VESS OIL CORP. Lease & Well No. YOUNGER #3
 Contractor DISCOVERY DRLLG. RIG #4 Charge to VESS OIL CORP
 Elevation 1957'KB Formation TORONTO/LKC 'A-F' Effective Pay _____ Ft. Ticket No. F409
 Date 8-25-14 Sec. 7 Twp. 10S Range 16W County ROOKS State KANSAS
 Test Approved By ROGER MARTIN Diamond Representative JAKE FAHRENBRUCH

Formation Test No. 3 Interval Tested from 3061 ft. to 3204 ft. Total Depth 3204 ft.
 Packer Depth 3056 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Packer Depth 3061 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3062 ft. Recorder Number 5951 Cap. 5000 P.S.I.
 Bottom Recorder Depth (Outside) 3062 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 8,800 P.P.M. Drill Pipe Length 3003 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 Out _____ Anchor Length 143 ft. Size 4 1/2-FH in.
 Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. 16' PERF IN ANCHOR Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: BLOW INCREASED TO BOB IN 20 MINUTES. NO BLOWBACK.
 2nd Open: BLOW INCREASED TO 7 1/2". NO BLOWBACK.

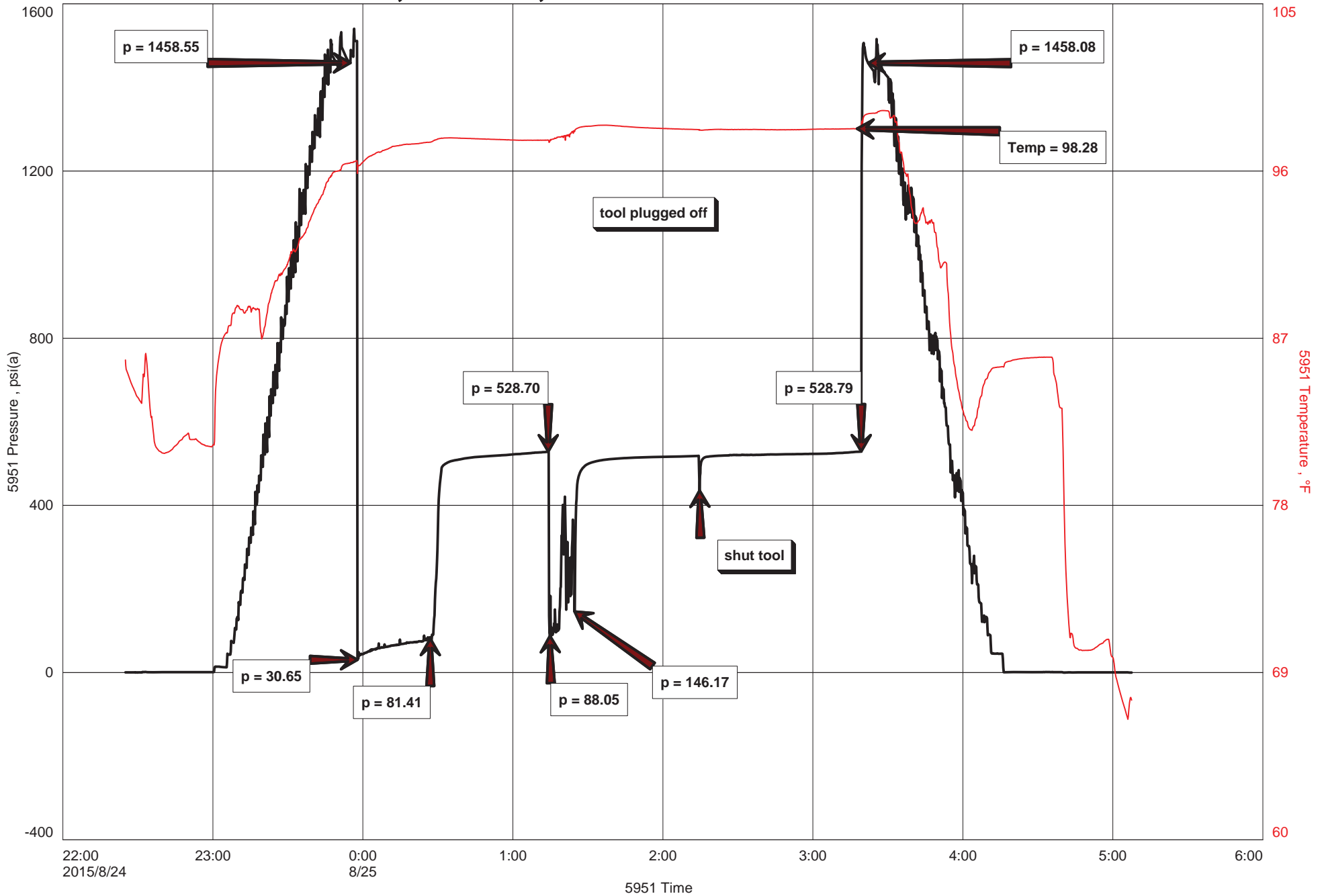
Recovered 55 ft. of 50CM 4" OIL, 96" MUD
 Recovered 120 ft. of GC 50CM 15" GAS, 4" OIL, 81" MUD
 Recovered _____ ft. of TOTAL FLUID: 175'
 Recovered _____ ft. of TOOL SAMPLE: WCOM, 30" OIL, 20" WTR, 50" MUD
 Recovered _____ ft. of (FINAL FLOW PLUGGED OFF APPROXIMATELY 10 MIN) Price Job _____
 Recovered _____ ft. of INTO FLOW. END OF FLOW PRESSURE INVALID Other Charges _____
 Remarks: RW: .52 Ω @ 60°F J#JNT
PH: 7.0 30 MRT (PV)
CHLORIDES: 14,500 PPM Total _____

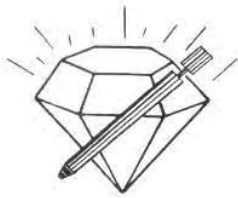
Time Set Packer(s) 00:00 A.M. P.M. Time Started Off Bottom 03:15 A.M. P.M. Maximum Temperature 98°F

Initial Hydrostatic Pressure..... (A) 1458 P.S.I.
 Initial Flow Period..... Minutes 30 (B) 31 P.S.I. to (C) 81 P.S.I.
 Initial Closed In Period..... Minutes 45 (D) 529 P.S.I.
 Final Flow Period..... Minutes 60 (E) 88 P.S.I. to (F) 146 P.S.I.
 Final Closed In Period..... Minutes 60 (G) 529 P.S.I. THANKS!
 Final Hydrostatic Pressure..... (H) 1458 P.S.I. [Signature]

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 #3, TORONTO - L/KC "A-F" 3061'-3204'





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

TIME ON: 22:25 8-24
 TIME OFF: 05:09 8-25

DRILL-STEM TEST TICKET
 FILE: YOUNGER3DST3

Company Vess Oil Corp. Lease & Well No. Younger #3
 Contractor Discovery Drilling Rig #4 Charge to Vess Oil Corp.
 Elevation 1957' KB Formation Toronto-LKC 'A-F' Effective Pay _____ Ft. Ticket No. F409
 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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 Recovered _____ ft. of TOOL SAMPLE: WCOM 30% oil, 20% wtr, 50% mud
 Recovered _____ ft. of (final flow period plugged off ~10 min into flow) Price Job _____
 Recovered _____ ft. of (end of final flow pressure is invalid) Other Charges _____

Remarks: Chlorides: 14,500 PPM Insurance _____
RW: .52 ohm @ 60 Deg F
PH: 7.0 Total _____

Time Set Packer(s) 00:00 A.M. P.M. Time Started Off Bottom 03:15 A.M. P.M. Maximum Temperature 98 F

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 Final Closed In Period..... Minutes 60 (G) 529 P.S.I.
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