

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 Corporation
Formation	DST #6, Arbuckle 3348'-3480'
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	2015/08/27
Start Test Time	08:05:00
Final Test Date	2015/08/27
Final Test Time	15:34:00
Job Number	F12
Contact	Dylan Klaus
Site Contact	Roger Martin

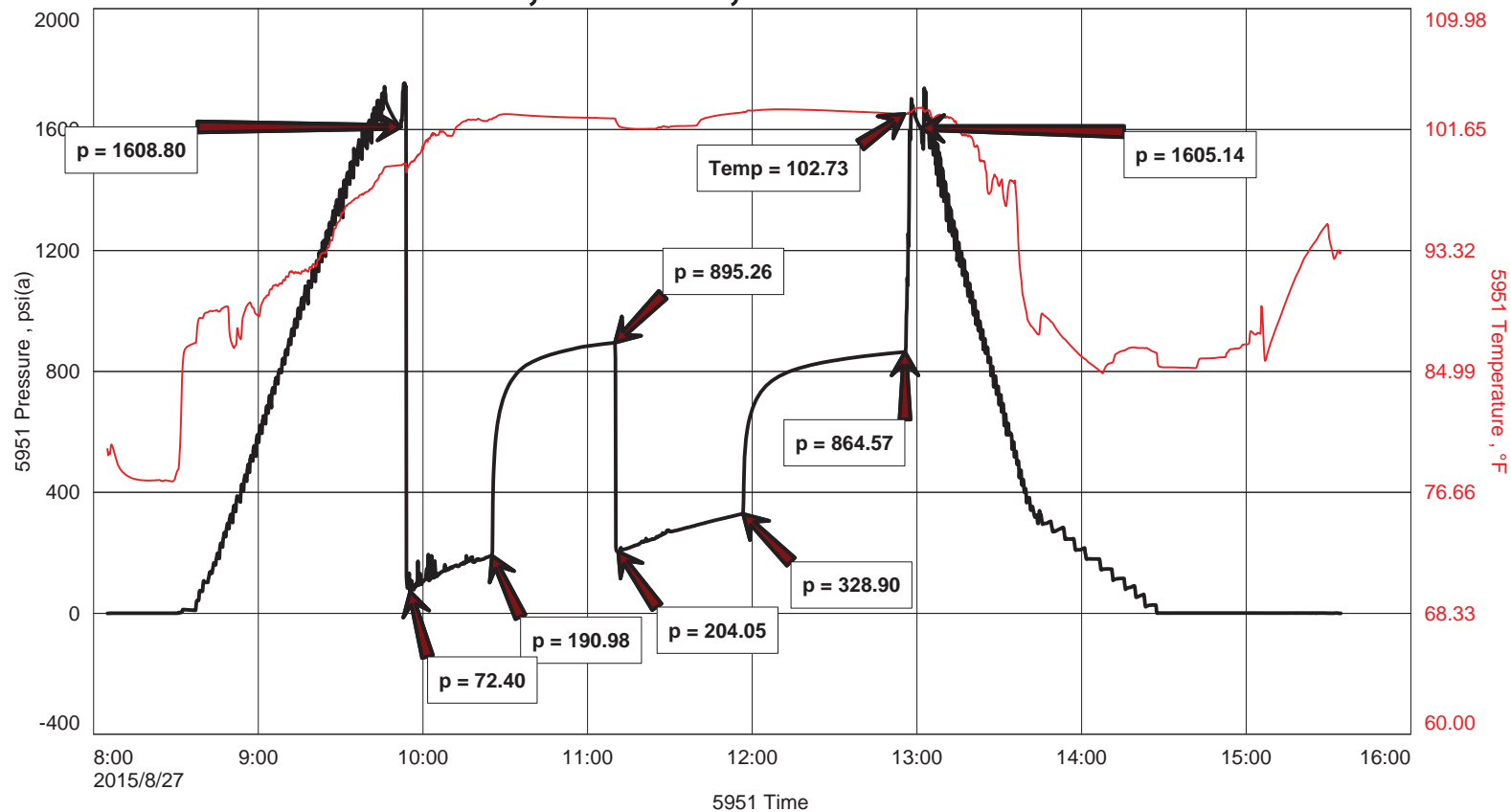
TEST RESULTS

Initial flow period, blow increased to BOB in 5.5 minutes. Blowback at 1".
 Final flow period, blow increased to BOB in 7.5 minutes. Blowback at 2".

TOTAL RECOVERED FLUID: 760' **GAS IN PIPE: 180'**

100'	Clean Oil	100% oil
240'	GCHMCO	10% gas, 65% oil, 25% mud
420'	HGCSWCMCO	25% gas, 55% oil, 5% wtr, 15% mud
----	Gravity:	34 @ 60 Deg F
----	Chlorides:	13,000 PPM
----	RW:	.59 ohm @ 60 Deg F
----	PH:	8.0

YOUNGER #3, DST #6, ARBUCKLE 3348'-3480'





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

ON LOCATION:	<u>07:33</u>
START RECORDERS:	<u>08:05</u>
STOP RECORDERS:	<u>15:34</u>

Company VESS OIL CORP. Lease & Well No. YOUNGER #3
 Contractor DISCOVERY DRILG RIG #4 Charge to VESS OIL CORP.
 Elevation 1957' NB Formation ARBUCKLE Effective Pay _____ Ft. Ticket No. F412
 Date 8-27-15 Sec. 7 Twp. 10s Range 16W County ROOKS State KANSAS
 Test Approved By ROGER MARTIN Diamond Representative JAKE FAHRENBRUCH

Formation Test No. 6 Interval Tested from 3348 ft. to 3480 ft. Total Depth 3480 ft.
 Packer Depth 3343 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Packer Depth 3348 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3353 ft. Recorder Number 5951 Cap. 5000 P.S.I.
 Bottom Recorder Depth (Outside) 3353 ft. Recorder Number 5584 Cap. 5000 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 58 (5" LAM) Drill Collar Length 30 ft. I.D. 2 1/4 in.
 Weight 9.2 Water Loss 7.4 cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
 Chlorides 5400 P.P.M. Drill Pipe Length 3290 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 132 ft. Size 4 1/2-FH in.
 Main Hole Size 7 7/8 Tool Joint Size 4 1/2" XH in. Surface Choke Size 36' PERF IN ANCHOR in. Bottom Choke Size 5/8 in.

Blow: 1st Open: BLOW INCREASED TO BOB IN 5 1/2 MINUTES. BLOWBACK @ 1".
 2nd Open: BLOW INCREASED TO BOB IN 7 1/2 MINUTES. BLOWBACK @ 2".

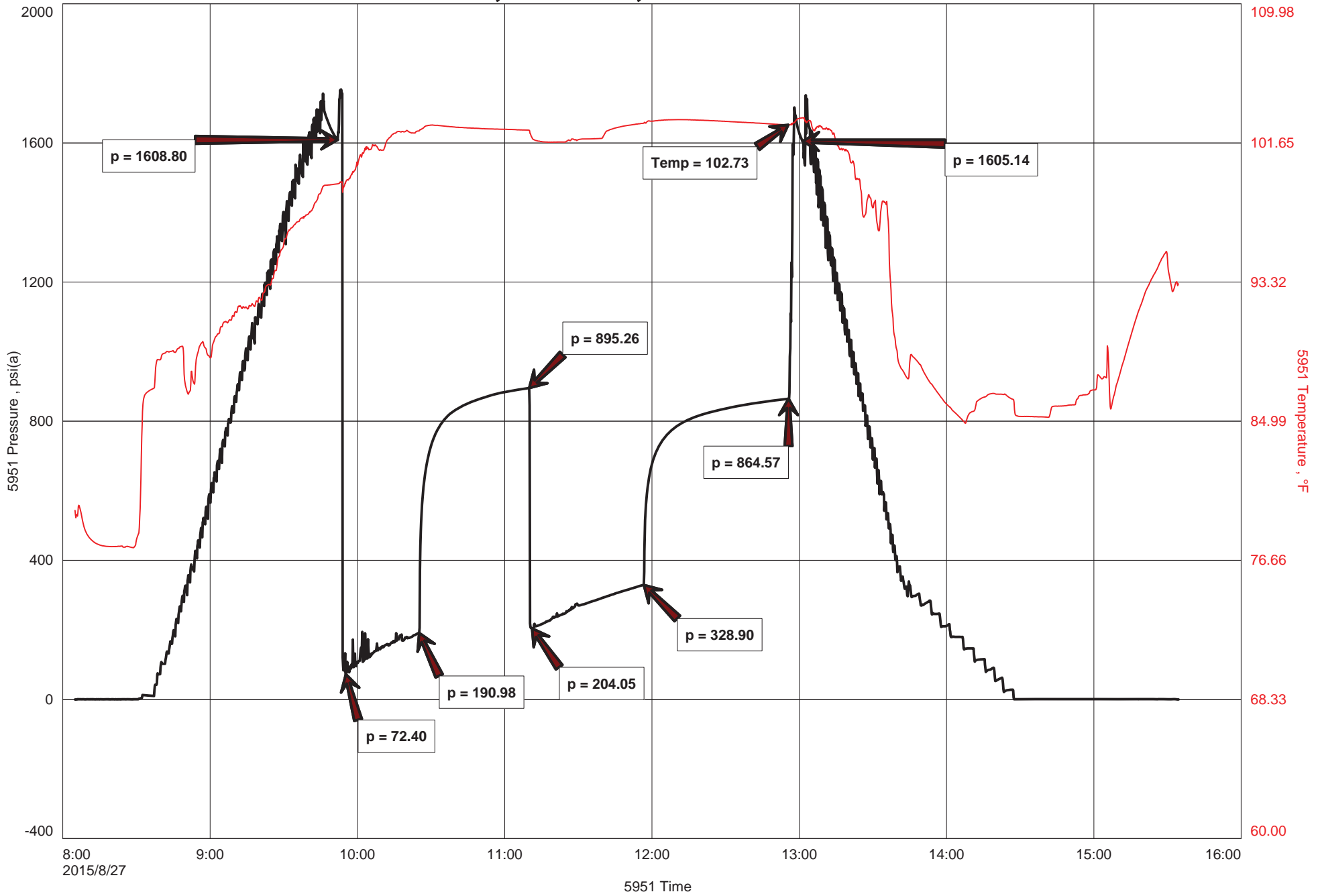
Recovered <u>TOTAL</u> ft. of <u>RECOVERED FLUID: 760'</u>	Price Job
Recovered <u>100</u> ft. of <u>CLEAN OIL 100' OIL</u>	Other Charges
Recovered <u>240</u> ft. of <u>GC HMCO 10% GAS, 65% OIL, 25% MUD</u>	<u>J&JNT</u>
Recovered <u>420</u> ft. of <u>HGC SWC MCO 25% GAS, 55% OIL, 5% WTR, 15% MUD</u>	<u>30 MAT (PV)</u>
Recovered _____ ft. of <u>180' GAS IN PIPE</u>	Total
Recovered _____ ft. of <u>CHLORIDES: 13,000 PPM</u>	
Remarks: <u>RW: .59 @ 60°F</u>	
<u>PH: 8.0</u>	
<u>GRAVITY: 34 @ 60°F</u>	

Time Set Packer(s) 09:55 A.M. P.M. Time Started Off Bottom 12:55 A.M. P.M. Maximum Temperature 103°F

Initial Hydrostatic Pressure..... (A) 1609 P.S.I.
 Initial Flow Period..... Minutes 30 (B) 72 P.S.I. to (C) 191 P.S.I.
 Initial Closed In Period..... Minutes 45 (D) 895 P.S.I.
 Final Flow Period..... Minutes 45 (E) 204 P.S.I. to (F) 329 P.S.I.
 Final Closed In Period..... Minutes 60 (G) 865 P.S.I. Thanks!
 Final Hydrostatic Pressure..... (H) 1605 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 #6, ARBUCKLE 3348'-3480'





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

TIME ON: 08:05
 TIME OFF: 15:34

DRILL-STEM TEST TICKET
 FILE: YOUNGER3DST6

Company Vess Oil Corp. Lease & Well No. Younger #3
 Contractor Discovery Drilling Rig #4 Charge to Vess Oil Corp.
 Elevation 1957' KB Formation Arbuckle Effective Pay _____ Ft. Ticket No. F412
 Date 8-27-15 Sec. 7 Twp. 10s S Range 16w W County Rooks State KANSAS
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 Weight 9.2 Water Loss 7.4 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
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 Jars: Make STERLING Serial Number #5 J,J Test Tool Length 28 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? NO Reversed Out NO Anchor Length 132 ft. Size 4 1/2-FH in.
 Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. ^{36' PERF IN ANCHOR} Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: Blow increased to BOB in 5.5 minutes. Blowback @ 1".
 2nd Open: Blow increased to BOB in 7.5 minutes. Blowback @ 2".

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Recovered _____ ft. of <u>GAS IN PIPE: 180'</u>	Price Job
Recovered _____ ft. of <u>GRAVITY: 34 @ 60 Deg F</u>	Other Charges
Remarks: <u>CHLORIDES: 13,000 PPM</u>	Insurance
<u>RW: .59 ohm @ 60 Deg F</u>	
<u>PH: 8.0</u>	Total

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