

Diamond Testing

General information Report

General Information

Company Name GRAND MESA OPERATING COMPANY

Contact RICHARD J. REILLY

Well Name JANOVA #2-27

Unique Well ID DST #1, LKC "E-F", 4106-4143

Surface Location SEC 27-12S-32, LOGAN CO. KS.

Well License Number

Field

Well Type

RICHARD J. REILLY

JANOVA #2-27

DST #1, LKC "E-F", 4106-4143

SEC 27-12S-32, LOGAN CO. KS.

WILDCAT

Vertical

Job Number

Representative

Well Operator

Report Date

Prepared By

T213

TIM VENTERS

GRAND MESA OPERATING COMPANY

2013/05/27

TIM VENTERS

Test Type CONVENTIONAL

Formation DST #1, LKC "E-F", 4106-4143

Well Fluid Type 01 Oil

Start Test Date 2013/05/27

Final Test Date 2013/05/27

Gauge Name 8457

Gauge Serial Number

Start Test Time

Final Test Time

05:34:00

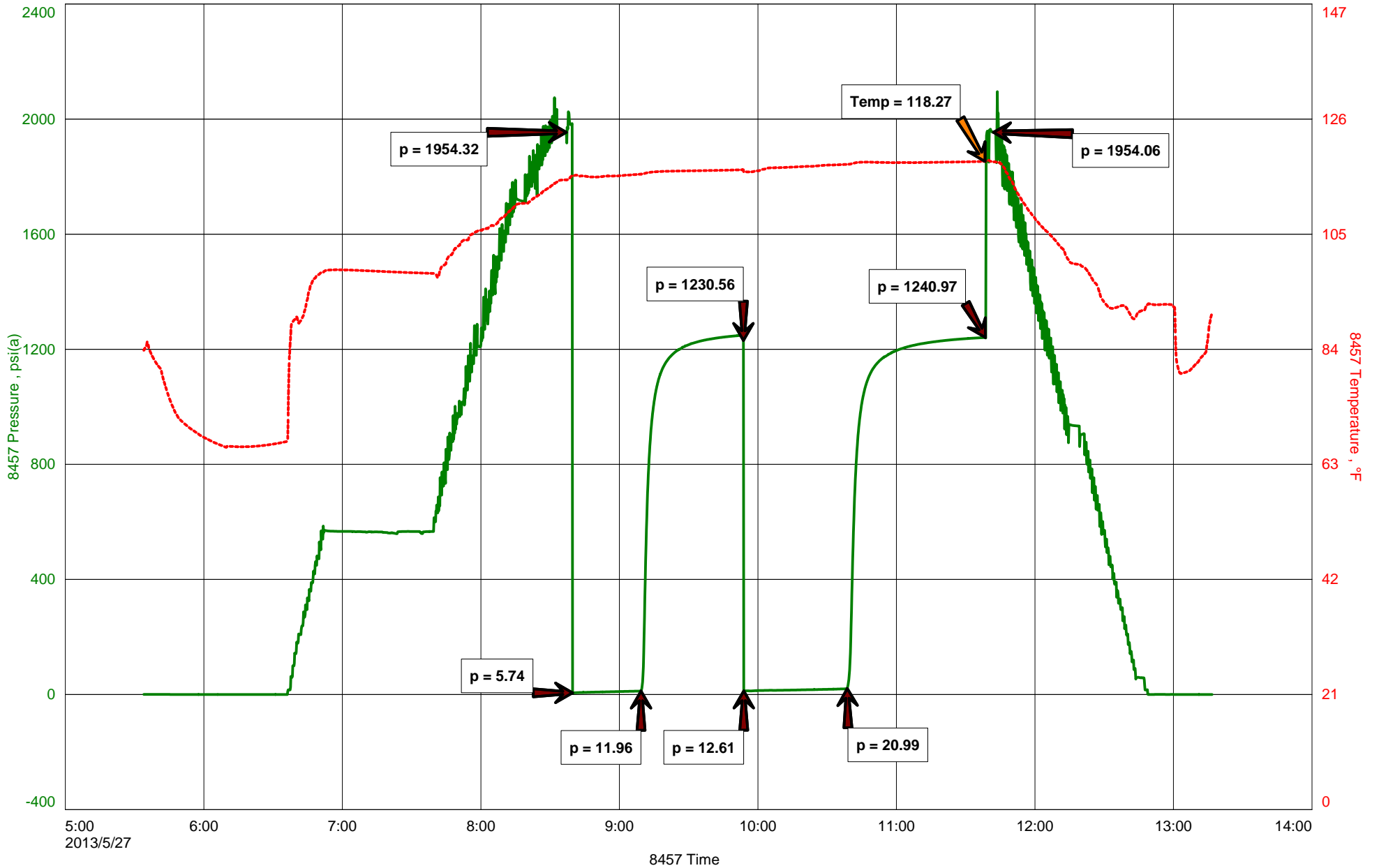
13:17:00

Test Results

RECOVERED: 30' MUD

TOOL SAMPLE: TRACE OIL, 100% MUD

JANOVA #2-27





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: JANOVA2-27DST1

TIME ON: 05:34
TIME OFF: 13:17

Company GRAND MESA OPERATING COMPANY Lease & Well No. JANOVA #2-27
Contractor DUKE DRILLING CO., INC. RIG #4 Charge to GRAND MESA OPERATING COMPANY
Elevation 3024 KB Formation LKC "E-F" Effective Pay -- Ft. Ticket No. T213
Date 5-27-13 Sec. 27 Twp. 12 S Range 32 W County LOGAN State KANSAS
Test Approved By STEVE CARL Diamond Representative TIM VENTERS

Formation Test No. 1 Interval Tested from 4106 ft. to 4143 ft. Total Depth 4143 ft.
Packer Depth 4101 ft. Size 6 3/4 in. Packer depth -- ft. Size 6 3/4 in.
Packer Depth 4106 ft. Size 6 3/4 in. Packer depth -- ft. Size 6 3/4 in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 4087 ft. Recorder Number 8457 Cap. 10,000 P.S.I.
Bottom Recorder Depth (Outside) 4140 ft. Recorder Number 11030 Cap. 5,025 P.S.I.
Below Straddle Recorder Depth ft. Recorder Number Cap. P.S.I.

Mud Type CHEMICAL Viscosity 61 Drill Collar Length -- ft. I.D. 2 1/4 in.
Weight 9.2 Water Loss 6.4 cc. Weight Pipe Length -- ft. I.D. 2 7/8 in.
Chlorides 2,800 P.P.M. Drill Pipe Length 4073 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number 4 Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 37 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: WEAK 1/4 INCH BLOW, BUILDING TO 1 1/4 INCH. (NO B.B.)
2nd Open: VERY WEAK SURFACE BLOW, BUILDING TO 1/4 INCH. (NO B.B.)

Recovered <u>30</u> ft. of <u>MUD</u>	
Recovered <u> </u> ft. of <u> </u>	
Recovered <u> </u> ft. of <u> </u>	
Recovered <u> </u> ft. of <u> </u>	
Recovered <u> </u> ft. of <u> </u>	Price Job
Recovered <u> </u> ft. of <u> </u>	Other Charges
Remarks: <u> </u>	Insurance
Tool Sample: <u>TRACE OIL, 100% MUD</u>	Total

Time Set Packer(s) 8:38 AM ^{A.M.}/_{P.M.} Time Started Off Bottom 11:38 AM ^{A.M.}/_{P.M.} Maximum Temperature 118 deg.

Initial Hydrostatic Pressure..... (A) 1954 P.S.I.
Initial Flow Period..... Minutes 30 (B) 6 P.S.I. to (C) 12 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 1231 P.S.I.
Final Flow Period..... Minutes 45 (E) 13 P.S.I. to (F) 21 P.S.I.
Final Closed In Period..... Minutes 60 (G) 1241 P.S.I.
Final Hydrostatic Pressure..... (H) 1954 P.S.I.

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.