

Diamond Testing

General information Report

General Information

Company Name MID-CONTINENT OPERATING COMPANY

Contact RICHARD SAENZ

Well Name ZWEYGARDT #1-8

Unique Well ID DST #3 LKC 'D' 4,498'-4,618' TD 5,375'

Surface Location SEC 8-3-41 CHEYENNE COUNTY, KS

Well License Number

Field

Well Type

RICHARD SAENZ

ZWEYGARDT #1-8

DST #3 LKC 'D' 4,498'-4,618' TD 5,375'

SEC 8-3-41 CHEYENNE COUNTY, KS

WILDCAT

Vertical

Job Number

Representative

Well Operator

Report Date

Prepared By

ROGER D. FRIEDLY

MID-CONTINENT OPERATING COMPANY

2011/01/13

ROGER D. FRIEDLY

Test Type STRADDLE DRILL-STEM TEST

Formation DST #3 LKC 'D' 4,498'-4,618' TD 5,375'

Well Fluid Type 01 Oil

Start Test Date 2011/01/12

Final Test Date 2011/01/13

Start Test Time

Final Test Time

16:10:00

02:51:00

Gauge Name 1150

Gauge Serial Number

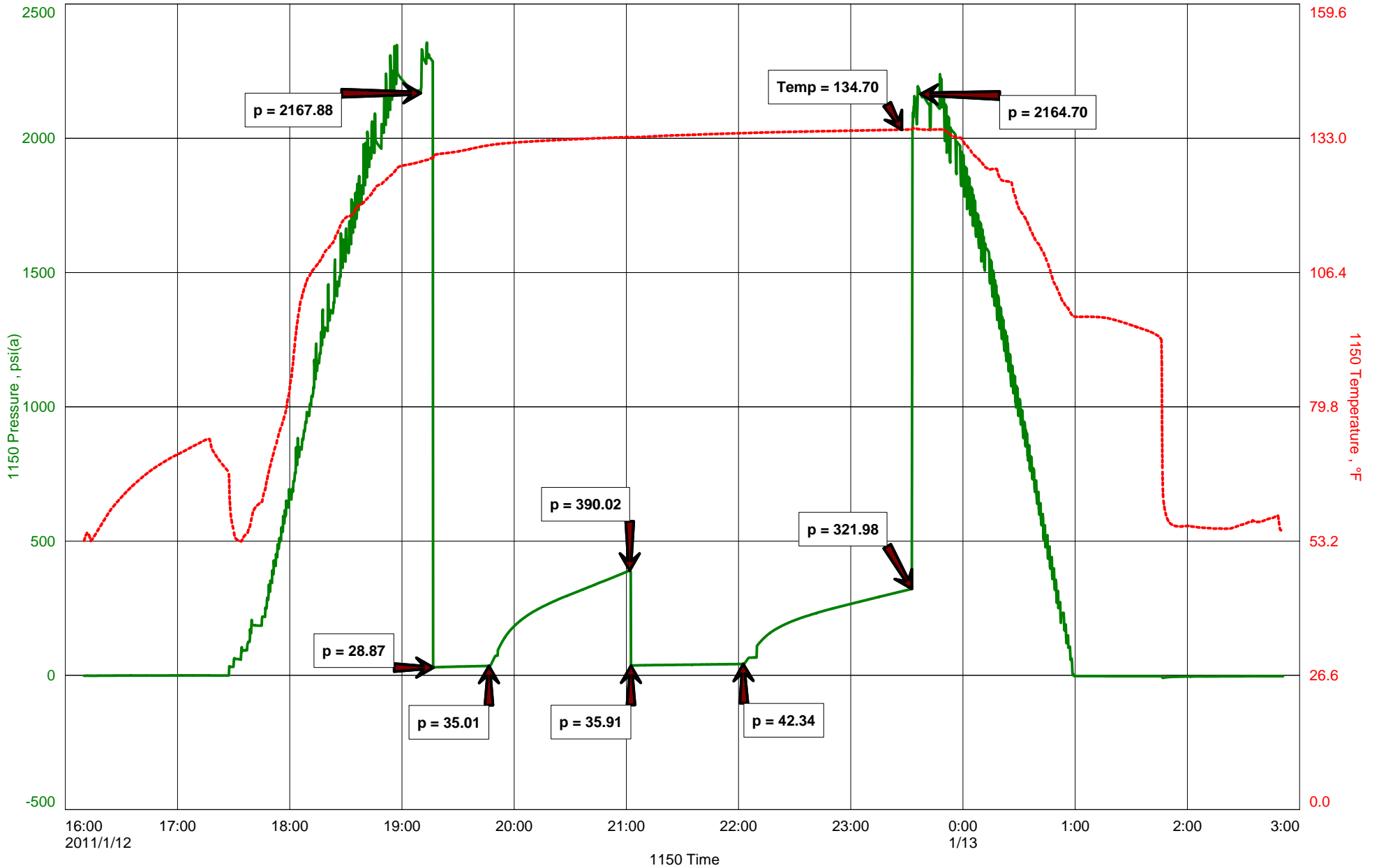
Test Results

RECOVERED: 65' DM 100% MUD

TOOL SAMPLE: 100% DM - GOOD GASSY ODOR

BELOW STRADDLE RECORDER 1,975 PSI @ END

ZWEYGARDT #1-8





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

DRILL -STEM TEST TICKET

Company _____ Lease & Well No. _____
Contractor _____ Charge to _____
Elevation _____ Formation _____ Effective Pay _____ Ft. Ticket No. _____
Date _____ Sec. _____ Twp. _____ S Range _____ W County _____ State KANSAS
Test Approved By _____ Diamond Representative ROGER D. FRIEDLY

Formation Test No. _____ Interval Tested from _____ ft. to _____ ft. Total Depth _____ ft.
Packer Depth _____ ft. Size _____ in. Packer Depth _____ ft. Size _____ in.
Packer Depth _____ ft. Size _____ in. Packer Depth _____ ft. Size _____ in.
Depth of Selective Zone Set _____

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

Mud Type _____ Viscosity _____ Drill Collar Length _____ ft. I.D. 2 1/4 in.
Weight _____ Water Loss _____ cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
Chlorides _____ P.P.M. Drill Pipe Length _____ ft. I.D. 3 1/2 in.
Jars: Make BOWEN Serial Number _____ Test Tool Length _____ ft. Tool Size 3 1/2-IF in.
Did Well Flow? _____ Reversed Out _____ Anchor Length _____ ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: _____
2nd Open: _____

Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____

Remarks: _____ _____	Price Job
	Other Charges
	Insurance
	Total

Time Set Packer(s) _____ A.M. _____ P.M. Time Started Off Bottom _____ A.M. _____ P.M. Maximum Temperature _____
Initial Hydrostatic Pressure (A) _____ P.S.I.
Initial Flow Period Minutes _____ (B) _____ P.S.I. to (C) _____ P.S.I.
Initial Closed In Period Minutes _____ (D) _____ P.S.I.
Final Flow Period Minutes _____ (E) _____ P.S.I. to (F) _____ P.S.I.
Final Closed In Period Minutes _____ (G) _____ P.S.I.
Final Hydrostatic Pressure (H) _____ 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.