

# Diamond Testing

## General information Report

### General Information

**Company Name** MID-CONTINENT OPERATING CO.

<b>Contact</b>	RICHARD SAENZ	<b>Job Number</b>	
<b>Well Name</b>	JAMES #1-15	<b>Representative</b>	ROGER D. FRIEDLY
<b>Unique Well ID</b>	DST #2 LANS 220' 4,270' - 4,325'	<b>Well Operator</b>	MID-CONTINENT OPERATING CO.
<b>Surface Location</b>	SEC 15-18S-29W LANE COUNTY, KS	<b>Report Date</b>	2010/12/12
<b>Well License Number</b>		<b>Prepared By</b>	ROGER D. FRIEDLY
<b>Field</b>	WILDCAT		
<b>Well Type</b>	Vertical		

<b>Test Type</b>	CONVENTIONAL TEST		
<b>Formation</b>	DST #2 LANS 220' 4,270' - 4,325'		
<b>Well Fluid Type</b>	01 Oil	<b>Start Test Time</b>	19:30:00
		<b>Final Test Time</b>	05:22:00
<b>Start Test Date</b>	2010/12/11		
<b>Final Test Date</b>	2010/12/12		
<b>Gauge Name</b>	1150		
<b>Gauge Serial Number</b>			

### Test Results

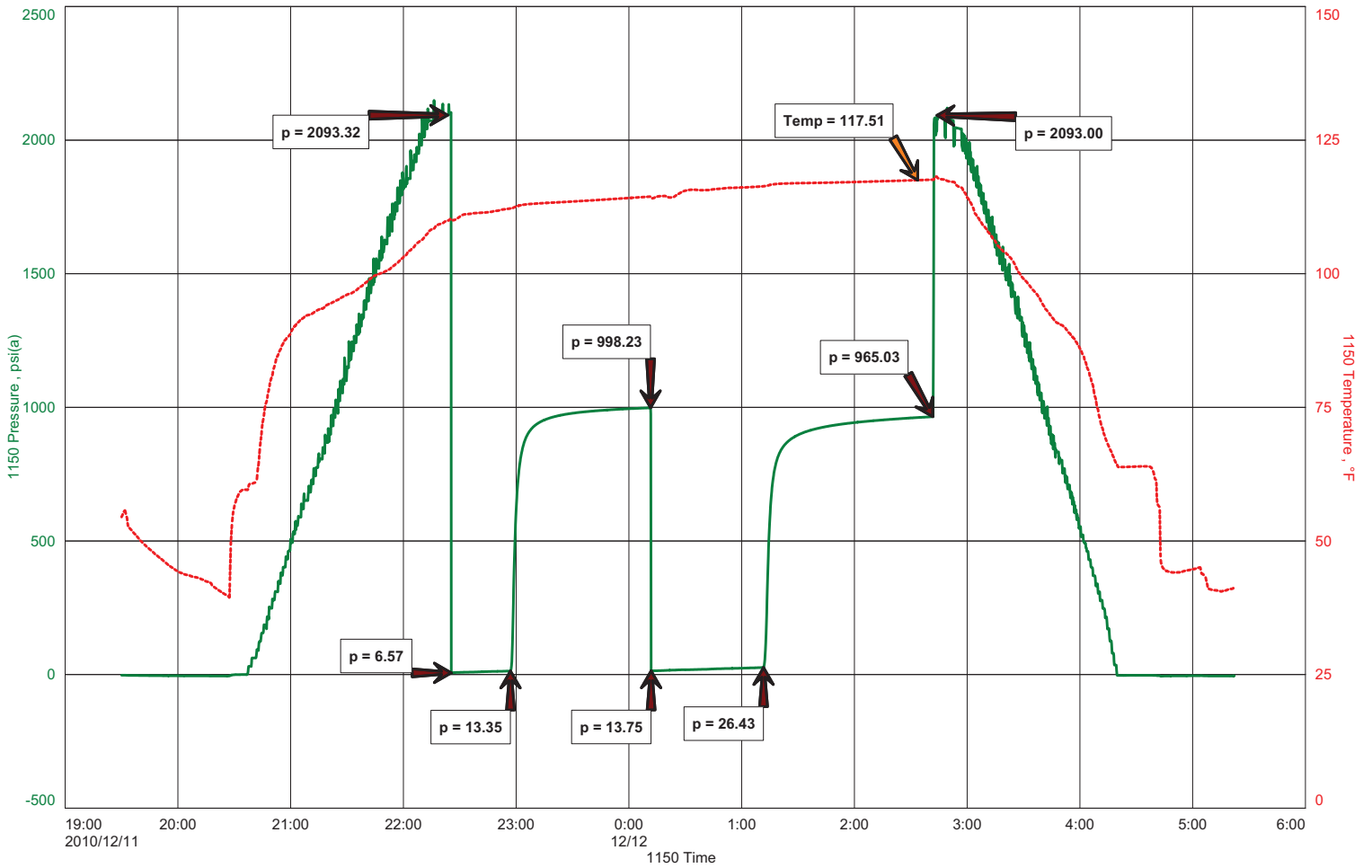
RECOVERED: 45' DM 100% MUD

TOOL SAMPLE: 100% DM WITH GOOD OIL SPECKS

MID-CONTINENT OPERATING CO.  
DST #2 LANS 220' 4,270' - 4,325'  
Start Test Date: 2010/12/11  
Final Test Date: 2010/12/12

JAMES #1-15  
Formation: DST #2 LANS 220' 4,270' - 4,325'

### JAMES #1-15





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

CLOCK ON: 19:30  
CLOCK OFF: 05:22(12-12)

**DRILL -STEM TEST TICKET**

Company MID-CONTINENT OPERATING CO. Lease & Well No. JAMES #1-15  
Contractor VAL RIG #4 Charge to MID-CONTINENT OPERATING CO.  
Elevation 2,805 KB Formation LANSING 220' Effective Pay \_\_\_\_\_ Ft. Ticket No. \_\_\_\_\_  
Date 12.11.10 Sec. 15 Twp. \_\_\_\_\_ 18 S Range 29 W County LANE State KANSAS  
Test Approved By KEVIN KESSLER Diamond Representative ROGER D. FRIEDLY

Formation Test No. 2 Interval Tested from 4,270 ft. to 4,325 ft. Total Depth 4,325 ft.  
Packer Depth 4,265 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
Packer Depth 4,270 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 4,258 ft. Recorder Number 1150 Cap. 5,000 P.S.I.  
Bottom Recorder Depth (Outside) 4,322 ft. Recorder Number 3851 Cap. 5,700 P.S.I.  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type CHEMICAL Viscosity 49 Drill Collar Length 0 ft. I.D. 2 1/4 in.  
Weight 9.3 Water Loss 7.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.  
Chlorides 2,500 P.P.M. Drill Pipe Length 4,244 ft. I.D. 3 1/2 in.  
Jars: Make BOWEN Serial Number N/A Test Tool Length 26 ft. Tool Size 3 1/2-IF in.  
Did Well Flow? NO Reversed Out NO Anchor Length 55 ft. Size 4 1/2-FH in.  
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. 31'DP IN ANCHOR Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: WEAK 1/4" BLOW INCREASING TO 1 3/4" (NObb)  
2nd Open: WEAK SURFACE BLOW IN 40 MIN - WEAK SURFACE BLOW @ END (NObb)

Recovered 45 ft. of DM 100% MUD

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Remarks: \_\_\_\_\_

**TOOL SAMPLE: 100% DM WITH GOOD OIL SPECKS**

Price Job
Other Charges
Insurance
Total

Time Set Packer(s) 10:25 P.M. A.M. P.M. Time Started Off Bottom 2:40 A.M. A.M. P.M. Maximum Temperature 118

Initial Hydrostatic Pressure ..... (A) 2,093 P.S.I.  
Initial Flow Period ..... Minutes 30 (B) 7 P.S.I. to (C) 13 P.S.I.  
Initial Closed In Period ..... Minutes 75 (D) 998 P.S.I.  
Final Flow Period ..... Minutes 60 (E) 14 P.S.I. to (F) 26 P.S.I.  
Final Closed In Period ..... Minutes 90 (G) 965 P.S.I.  
Final Hydrostatic Pressure ..... (H) 2,093 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.