

# DIAMOND TESTING

## General Information Report

### General Information

**Company Name** GRAND MESA OPERATING CO.  
**Contact** MICHAEL REILLY  
**Well Name** GRIFFITH #2-23  
**Unique Well ID** DST #3, LKC "E", 4006-4029  
**Surface Location** SEC 23-16S-33W, SCOTT CO. KS.  
**Field** WILDCAT  
**Well Type** Vertical  
**Test Type** CONVENTIONAL  
**Formation** DST #3, LKC "E", 4006-4029  
**Well Fluid Type** 01 Oil

**Representative** TIM VENTERS  
**Well Operator** GRAND MESA OPERATING CO.  
**Report Date** 2013/10/12  
**Prepared By** TIM VENTERS  
**Qualified By** KENT MATSON

**Start Test Date** 2013/10/11  
**Final Test Date** 2013/10/12

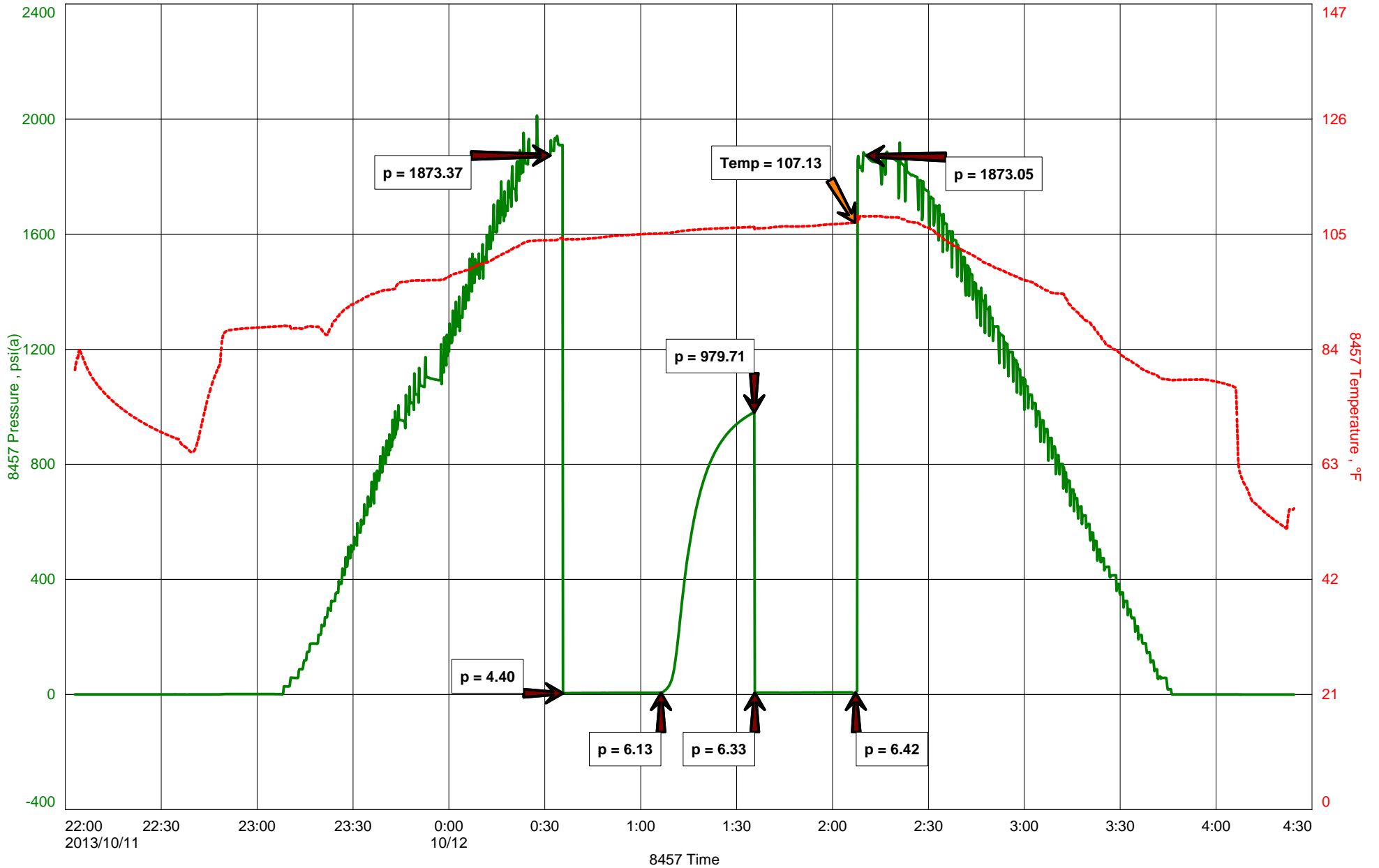
**Start Test Time** 10:03:00  
**Final Test Time** 04:25:00

### Test Recovery:

RECOVERED: 5' MUD

TOOL SAMPLE: 100% MUD

# GRIFFITH #2-23





**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: GRIFFITH2-23DST3

TIME ON: 22:03 10-11-13  
TIME OFF: 04:25 10-12-13

Company GRAND MESA OPERATING CO. Lease & Well No. GRIFFITH #2-23  
Contractor DUKE DRILLING CO., INC. RIG #4 Charge to GRAND MESA OPERATING CO.  
Elevation 2978 KB Formation LKC "E" Effective Pay \_\_\_\_\_ Ft. Ticket No. T266  
Date 10-12-13 Sec. 23 Twp. \_\_\_\_\_ 16 S Range \_\_\_\_\_ 33 W County SCOTT State KANSAS  
Test Approved By KENT MATSON Diamond Representative TIMOTHY T. VENTERS

Formation Test No. 3 Interval Tested from 4006 ft. to 4029 ft. Total Depth 4029 ft.  
Packer Depth 4001 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Packer Depth 4006 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 3987 ft. Recorder Number 8457 Cap. 10,000 P.S.I.  
Bottom Recorder Depth (Outside) 4026 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 54 Drill Collar Length \_\_\_\_\_ ft. I.D. 2 1/4 in.  
Weight 9.1 Water Loss 7.2 cc. Weight Pipe Length \_\_\_\_\_ ft. I.D. 2 7/8 in.  
Chlorides 4,000 P.P.M. Drill Pipe Length 3973 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 23 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 SURFACE BLOW THROUGHOUT PERIOD. (NO BB)  
2nd Open: NO BLOW THROUGHOUT PERIOD. (NO BB)

Recovered 5 ft. of MUD  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered _____ ft. of _____	Price Job
Remarks: _____	Other Charges
TOOL SAMPLE: 100% MUD	Insurance
	Total

Time Set Packer(s) 12:35 AM A.M. P.M. Time Started Off Bottom 2:05 AM A.M. P.M. Maximum Temperature 107 deg.

Initial Hydrostatic Pressure..... (A) 1873 P.S.I.  
Initial Flow Period..... Minutes 30 (B) 4 P.S.I. to (C) 6 P.S.I.  
Initial Closed In Period..... Minutes 30 (D) 980 P.S.I.  
Final Flow Period..... Minutes 30 (E) 6 P.S.I. to (F) 6 P.S.I.  
Final Closed In Period..... Minutes 0 (G) N/A P.S.I.  
Final Hydrostatic Pressure..... (H) 1873 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.