



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: SC-LR 1-33 Dst 2

TIME ON: 05:52
TIME OFF: 14:52

Company Grand Mesa Operating Company Lease & Well No. SC-LR 1-33
Contractor Duke Drilling Company Charge to Grand Mesa Operating Company
Elevation 3034 Est Formation Ultimon/Pawnee Effective Pay _____ Ft. Ticket No. RR122
Date 11/21/2014 Sec. 33 Twp. 16 S Range 33 W County Scott State KANSAS
Test Approved By Bob Schreiber Diamond Representative RICKY RAY

Formation Test No. 2 Interval Tested from 4457 ft. to 4506 ft. Total Depth 4506 ft.
Packer Depth 4452 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 4506 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
Top Recorder Depth (Inside) 4439 ft. Recorder Number 0062 Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside) 4492 ft. Recorder Number 5954 Cap. 5000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.
Mud Type CHEM Viscosity 54 Drill Collar Length _____ ft. I.D. 2 1/4 in.
Weight 9.2 Water Loss 8 cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
Chlorides 6000 P.P.M. Drill Pipe Length 4425 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number 8 Test Tool Length 32 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NA Reversed Out NA Anchor Length 49A(19P) 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: 1/4" Blow (BOB in 21 mins) 1/4" BB
2nd Open: WSB (BOB in 33 mins) 3 1/4 inch BB

Recovered 169 ft. of GIP
Recovered 294 ft. of O 100% O 24 Gravity @ 60 Deg
Recovered 31 ft. of GMO 10 % G 75 % O 15 % M
Recovered 325 ft. of Total Fluid

| | |
|---|---------------|
| Recovered _____ ft. of _____ | Price Job |
| Recovered _____ ft. of _____ | Other Charges |
| Remarks: Tool Sample: <u>55% O</u> <u>5% W</u> <u>40% M</u> | Insurance |
| Diesel in Bucket | Total |

Time Set Packer(s) 8:44 AM A.M. P.M. Time Started Off Bottom 12:39 PM A.M. P.M. Maximum Temperature 122

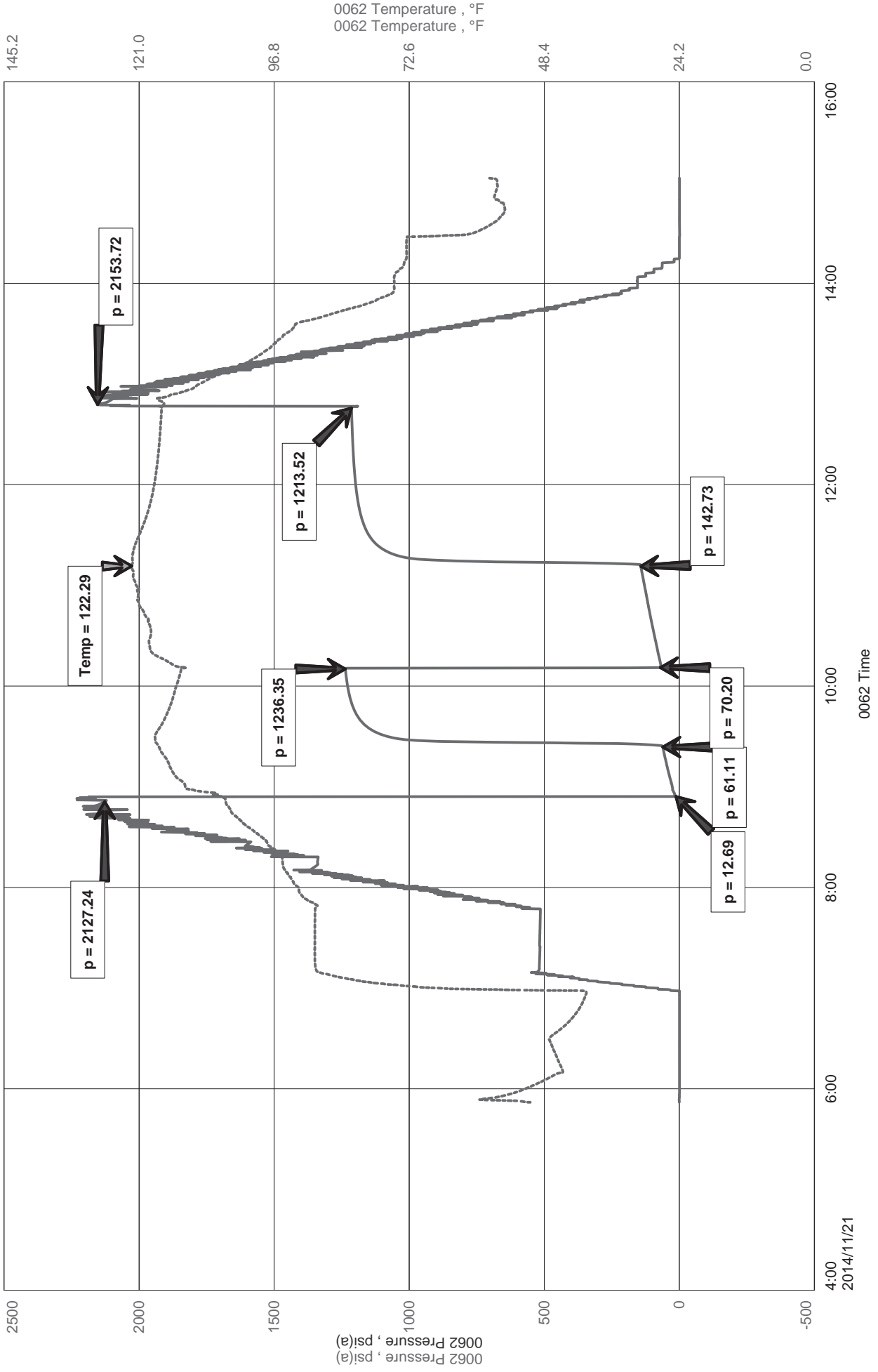
Initial Hydrostatic Pressure..... (A) 2127 P.S.I.
Initial Flow Period..... Minutes 30 (B) 13 P.S.I. to (C) 61 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 1236 P.S.I.
Final Flow Period..... Minutes 60 (E) 70 P.S.I. to (F) 143 P.S.I.
Final Closed In Period..... Minutes 90 (G) 1214 P.S.I.
Final Hydrostatic Pressure..... (H) 2154 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.

Grand Mesa Operating Company
Dst 2 Ultimom/Pawnee (4457-4506)
Start Test Date: 2014/11/21
Final Test Date: 2014/11/21

SC-LC 1-33
Formation: Dst 2 Ultimom/Pawnee (4457-4506)
Pool: Wildcat
Job Number: RR122

SC-LC 1-33





Diamond Testing LLC
P.O. Box 157
HoisingtonKS 67544

Ricky Ray - Tester
(620) 617-7261

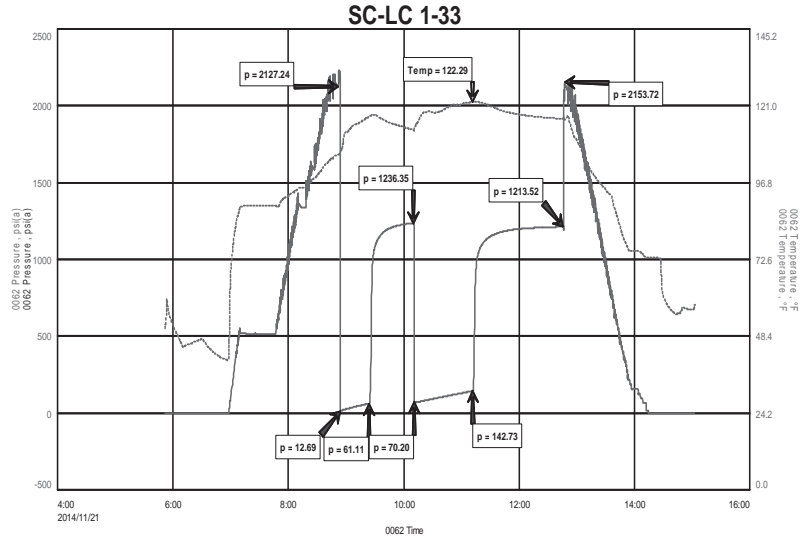
Wellsite Report

General Information

Company Name: Grand Mesa Operating Company
Contact: Michael J Reilly
Well Operator: Grand Mesa Operating Company
Well Name: SC-LC 1-33
Surface Location: Sec: 33-16s-33w (Scott County)
Field: Wildcat
Well Type: Vertical
Pool: Wildcat
Test Purpose (AEUB): Initial Test
Qualified By: Bob Schreiber
Gauge Name: 0062

Test Information

Job Number: RR122
Test Type: Drill Stem Test
Well Fluid Type: 01 Oil
Formation: Dst 2 Ultimon/Pawnee (4457-4506)
Start Test Date: 2014/11/21 YYYY/MM/DD
Start Test Time: 05:20:00 HH:mm:ss
Final Test Date: 2014/11/21 YYYY/MM/DD
Final Test Time: 14:52:00 HH:mm:ss



Test Results

Recovery:

| | | | |
|------|-------------|--------|---------------------|
| 169' | GIP | | |
| 294' | O | 100% O | 24 Gravity @ 60 Deg |
| 31' | GMO | 10% G | 75% O 15% M |
| 325' | Total Fluid | | |

Tool Sample: 55% O 5% W 40% M