



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: Reif 1 Dst 3

TIME ON: 12:14
TIME OFF: 18:07

Company RJM Company Lease & Well No. Reif 1
Contractor Southwind Drilling Rig 3 Charge to RJM Company
Elevation 1880 KB Formation _____ Arbuckle Effective Pay _____ Ft. Ticket No. RR192
Date Aug-16-2015 Sec. 1 Twp. _____ 17 S Range _____ 12 W County _____ Barton State KANSAS
Test Approved By Wyatt Urban Diamond Representative RICKY RAY

Formation Test No. 3 Interval Tested from 3311 ft. to 3348 ft. Total Depth 3348 ft.
Packer Depth 3306 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 3311 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3319 ft. Recorder Number 5954 Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside) 3345 ft. Recorder Number 13498 Cap. 6000 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 9.3 Water Loss 9.6 cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
Chlorides 6500 P.P.M. Drill Pipe Length 3291 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number NA Test Tool Length 20 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NA Reversed Out NA 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: 1/4" Blow (BOB in 10 mins) 3/4" BB
2nd Open: 1/4" Blow (BOB in 13 mins) NOBB

Recovered 376 ft. of GW w/ HMO 7% G 44% O 14% W 35% M
Recovered 124 ft. of OMW 10% O 65% W 25% M
Recovered 500 ft. of Total Fluid

Recovered _____ ft. of _____ PH: 7
Recovered _____ ft. of _____ RW: .45 @ 92 Deg Price Job _____
Recovered _____ ft. of _____ Chlorides: 12,000 PPM Other Charges _____
Remarks: Tool Sample: 97% O 3% w Insurance _____
Total _____

Time Set Packer(s) 1:30 PM A.M. P.M. Time Started Off Bottom 4:15 PM A.M. P.M. Maximum Temperature 109

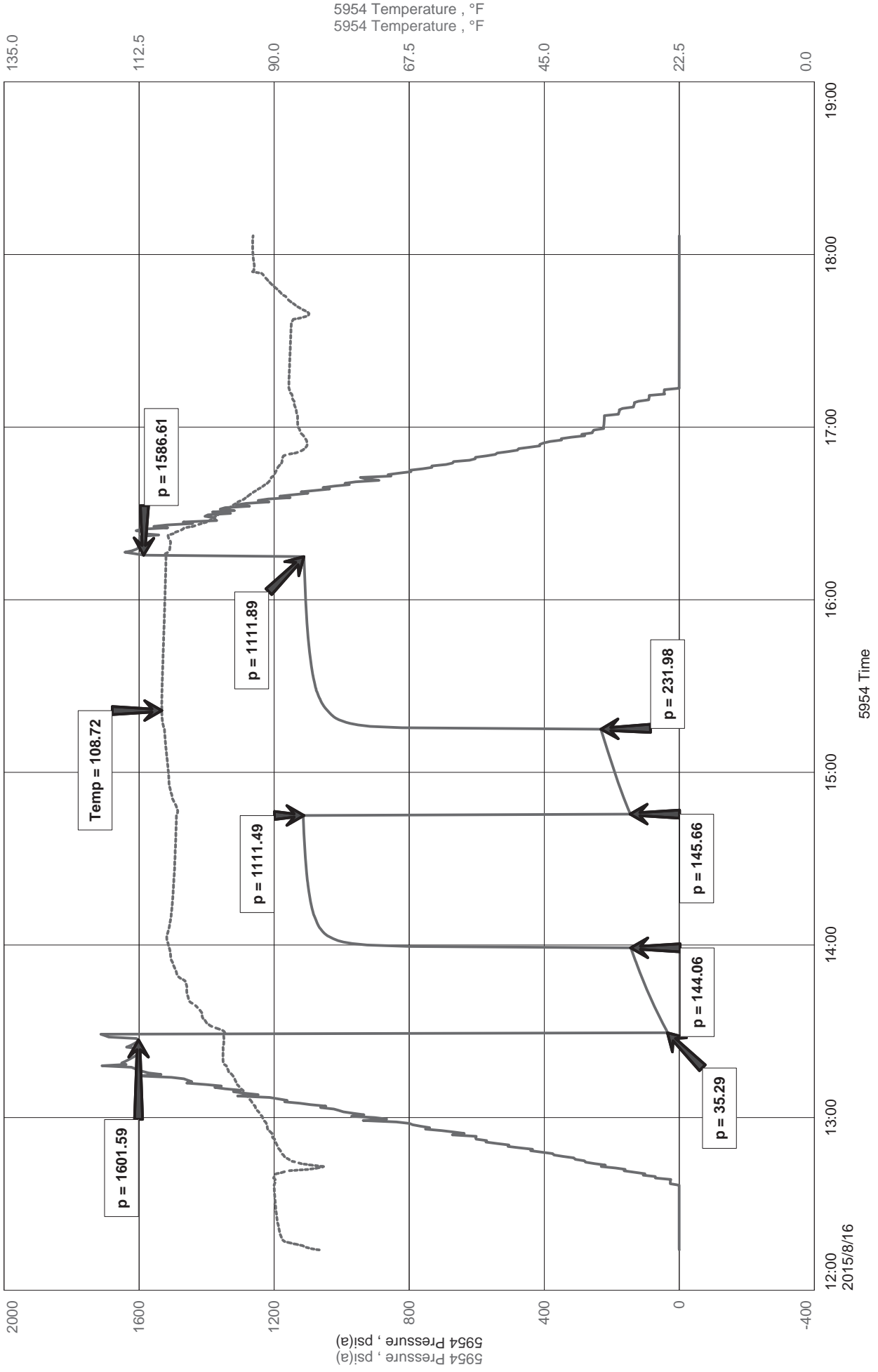
Initial Hydrostatic Pressure..... (A) 1602 P.S.I.
Initial Flow Period..... Minutes 30 (B) 35 P.S.I. to (C) 144 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 1111 P.S.I.
Final Flow Period..... Minutes 30 (E) 146 P.S.I. to (F) 232 P.S.I.
Final Closed In Period..... Minutes 60 (G) 1112 P.S.I.
Final Hydrostatic Pressure..... (H) 1587 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.

RJM Company
Dst 3 (Arbuckel) 3311-3348
Start Test Date: 2015/08/16
Final Test Date: 2015/08/16

Reif 1
Formation: Dst 3 (Arbuckel) 3311-3348
Pool: Infield
Job Number: RR192

Reif 1





Diamond Testing LLC

P.O. Box 157

HoisingtonKS 67544

Ricky Ray - Tester

(620) 617-7261

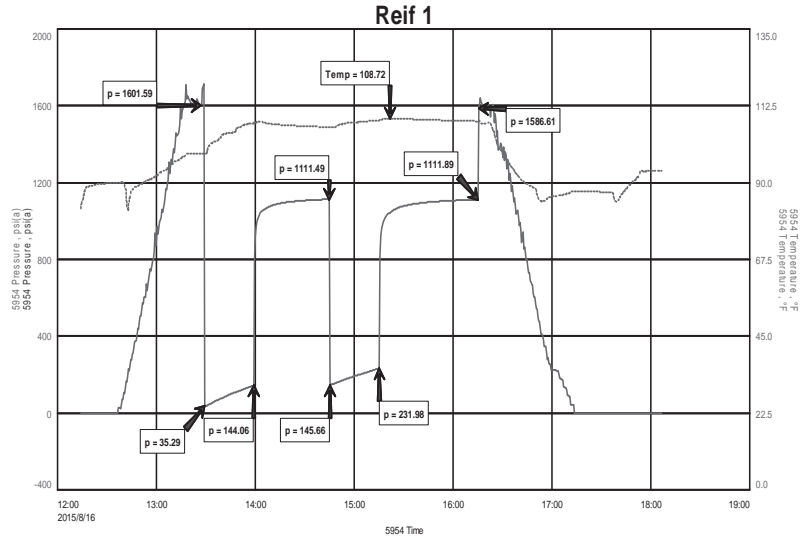
Wellsite Report

General Information

Company Name	RJM Company
Contact	Chris Hoffman
Well Operator	RJM Company
Well Name	Reif 1
Surface Location	Sec: 1-17s-12w (Barton County)
Field	Odin East
Well Type	Vertical
Pool	Infield
Test Purpose (AEUB)	Initial Test
Qualified By	Wyatt Urban
Gauge Name	5954

Test Information

Job Number	RR192
Test Type	Drill Stem Test
Well Fluid Type	01 Oil
Formation	Dst 3 (Arbuckel) 3311-3348
Start Test Date	2015/08/16 YYYY/MM/DD
Start Test Time	12:14:00 HH:mm:ss
Final Test Date	2015/08/16 YYYY/MM/DD
Final Test Time	18:07:00 HH:mm:ss



Test Results

Recovery:

376'	GW w/ HMO	7% G	44% O	14% W	35% M
124'	OMW	10% O	65% W	25% M	
500'	Total Fluid				

Tool Sample: 97% O 3% W

PH: 7
 RW: .45 @ 92 Deg
 Chlorides: 12,000 PPM