



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: Waymaster 1 Dst 5

TIME ON: 02:27
TIME OFF: 08:56

Company RJM Company Lease & Well No. Waymaster 1
Contractor Southwind Rig 6 Charge to RJM Company
Elevation 1776 Surveyed Formation _____ Arb Effective Pay _____ Ft. Ticket No. RR047
Date 06/14/2014 Sec. 2 Twp. 15 S Range 13 W County Russell State KANSAS
Test Approved By Client Musgrove Diamond Representative RICKY RAY

Formation Test No. 5 Interval Tested from 3196 ft. to 3263 ft. Total Depth 3263 ft.
Packer Depth 3191 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 3196 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3185 ft. Recorder Number 0062 Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside) 3260 ft. Recorder Number 11048 Cap. 5400 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 48 Drill Collar Length 00 ft. I.D. 2 1/4 in.
Weight 9.5 Water Loss 9.2 cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
Chlorides 7000 P.P.M. Drill Pipe Length 3172 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number Na Test Tool Length 24 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NA Reversed Out NA Anchor Length 67A (36.5P) 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: 3/4" Blow Built to 10 inches in 30 mins NOBB
2nd Open: No Blow Built to 10 1/2 inches in 45 mins NOBB

Recovered 5 ft. of M 100% M
Recovered 189 ft. of HMW 51% W 49% M
Recovered 194 ft. of Total Fluid

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	RW: <u>46 @ 78 Deg</u>
Remarks: _____	Chlorides: <u>145,000 PPM</u>
	PH: <u>7</u>
Tool Sample: <u>30% W</u> <u>70% M</u>	Total

Time Set Packer(s) 4:06 AM A.M. P.M. Time Started Off Bottom 7:06 AM A.M. P.M. Maximum Temperature 103

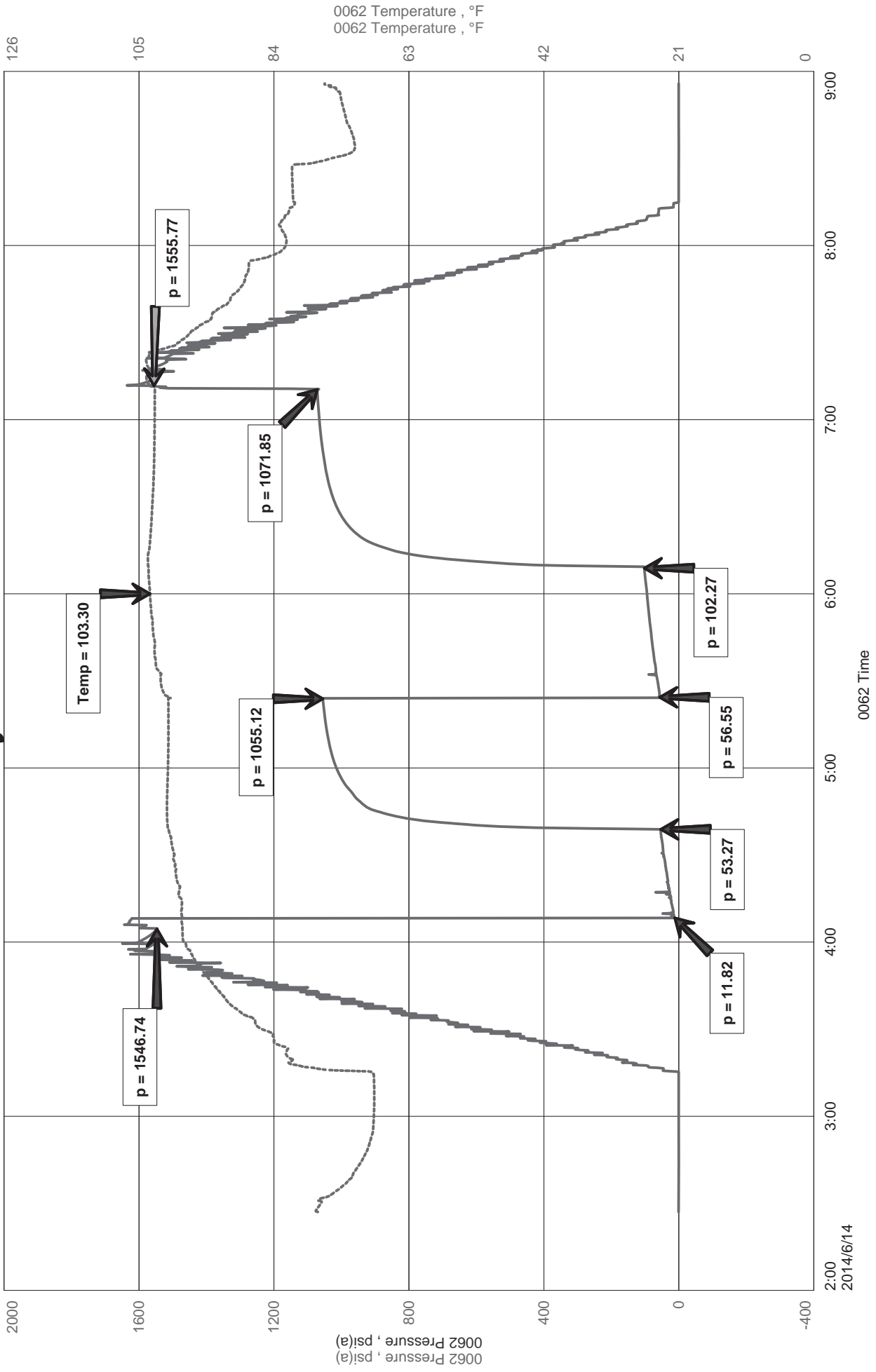
Initial Hydrostatic Pressure..... (A) 1547 P.S.I.
Initial Flow Period..... Minutes 30 (B) 12 P.S.I. to (C) 53 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 1055 P.S.I.
Final Flow Period..... Minutes 45 (E) 57 P.S.I. to (F) 102 P.S.I.
Final Closed In Period..... Minutes 60 (G) 1072 P.S.I.
Final Hydrostatic Pressure..... (H) 1556 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 5 Arbuckle (3196-3263)
Start Test Date: 2014/06/14
Final Test Date: 2014/06/14

Waymaster 1
Formation: Dst 5 Arbuckle (3196-3263)
Pool: Infield
Job Number: RR047

Waymaster 1





Diamond Testing LLC
 P.O. Box 157
 HoisingtonKS 67544

Ricky Ray - Tester
 (620) 617-7261

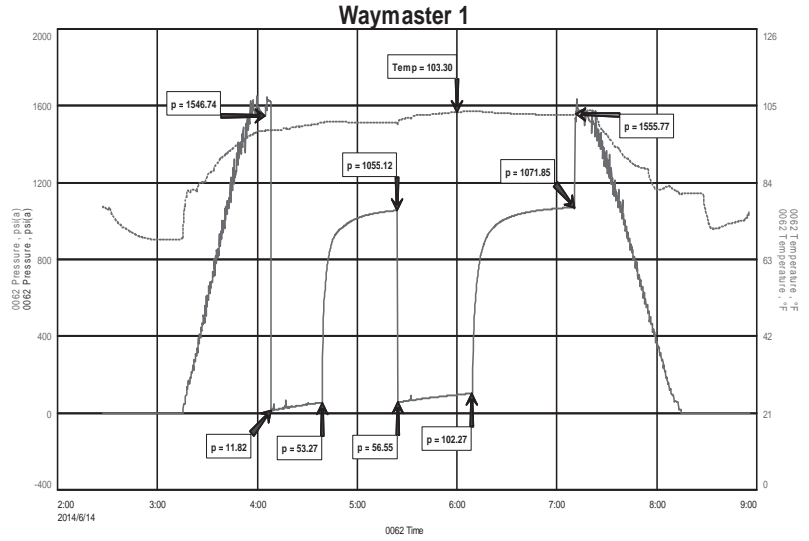
Wellsite Report

General Information

Company Name	RJM Company
Contact	Chris Hoffman
Well Operator	RJM Company
Well Name	Waymaster 1
Surface Location	Sec: 2-15s-12w (Russell County)
Field	Hali Gumey
Well Type	Vertical
Pool	Infield
Test Purpose (AEUB)	Initial Test
Qualified By	Wyatt Urban
Gauge Name	0062

Test Information

Job Number	RR047
Test Type	Drill Stem Test
Well Fluid Type	01 Oil
Formation	Dst 5 Arbuckle (3196-3263)
Start Test Date	2014/06/14 YYYY/MM/DD
Start Test Time	02:27:00 HH:mm:ss
Final Test Date	2014/06/14 YYYY/MM/DD
Final Test Time	08:56:00 HH:mm:ss



Test Results

Recovery:

5'	M	100% M	
189'	HMW	51% W	49% M
194'	Total Fluid		

Tool Sample: 30% 70% M

RW: .46 @ 78 Deg
 Chlorides: 145,000 PPM
 PH: 7