



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

TIME ON: 20:15 Sep 2
TIME OFF: 02:35 Sep 3

Company RJM Company Lease & Well No. Karrie 1
Contractor Southwind Drilling Rig 2 Charge to RJM Company
Elevation 1792 sur Formation _____ Lan "G" Effective Pay _____ Ft. Ticket No. RR078
Date 09/02/2014 Sec. 18 Twp. _____ 19 S Range _____ 11 W County _____ Barton State KANSAS
Test Approved By Client Musgrove Diamond Representative RICKY RAY

Formation Test No. 3 Interval Tested from 3170 ft. to 3207 ft. Total Depth 3207 ft.
Packer Depth 3160 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 3170 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3160 ft. Recorder Number 0062 Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside) 3171 ft. Recorder Number 5954 Cap. 5000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 40 Drill Collar Length 0 ft. I.D. 2 1/4 in.
Weight 9.2 Water Loss 15.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 6000 P.P.M. Drill Pipe Length 3147 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number na Test Tool Length 23 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NA Reversed Out NA Anchor Length 37 P 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 Built to 4 1/4" in 30 mins NOBB
2nd Open: WSB Built to 4 1/2" in 45 mins NOBB

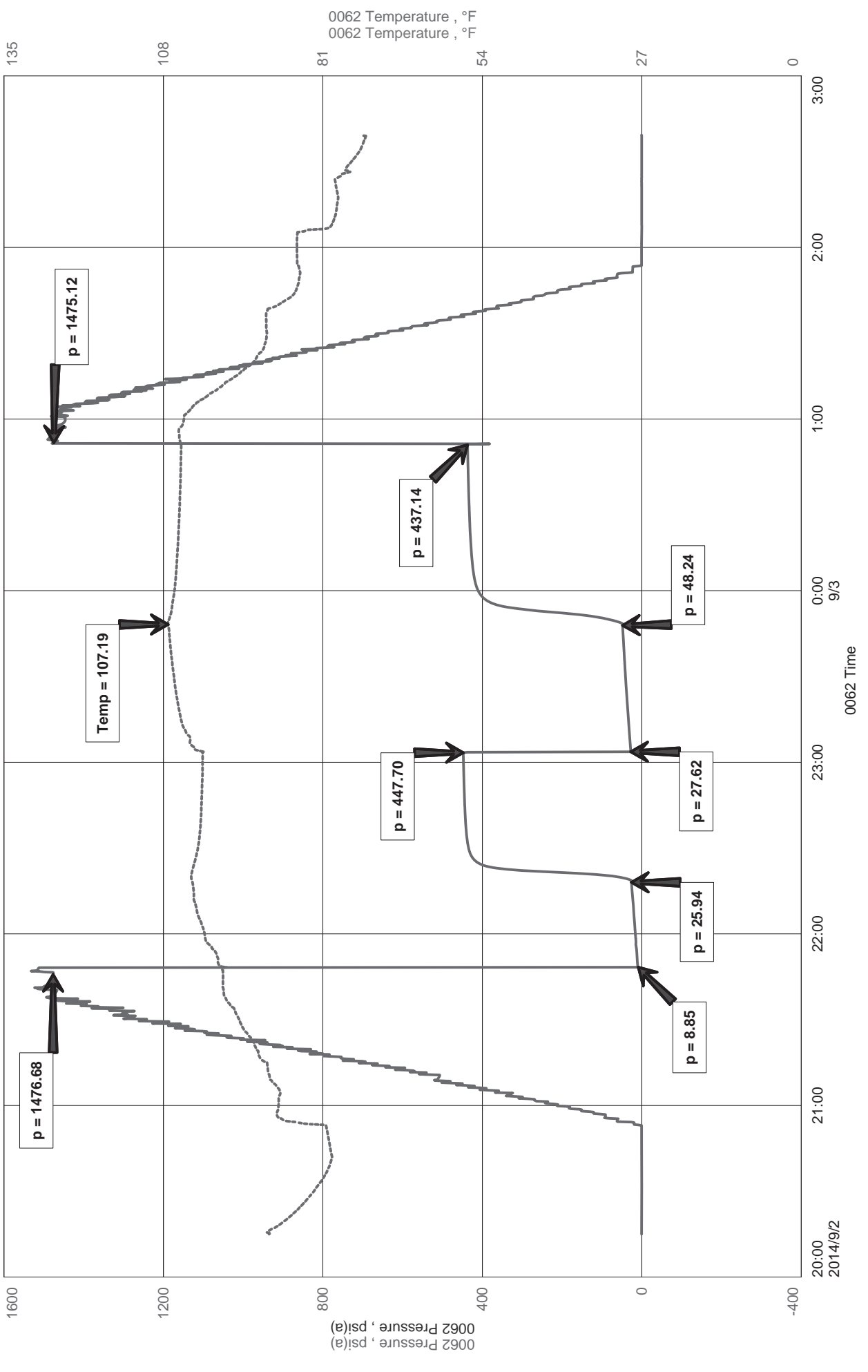
Recovered <u>17</u> ft. of <u>GIP</u>	
Recovered <u>107</u> ft. of <u>MW</u> <u>80% W</u> <u>20% M</u>	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	RW: <u>.16 @ 74 Deg</u>
Recovered _____ ft. of _____	Chlorides: <u>57,000 PPM</u> Price Job
Recovered _____ ft. of _____	PH: <u>7</u> Other Charges
Remarks: Tool Sample: <u>1% O</u> <u>77% W</u> <u>22% M</u>	Insurance
	Total

Time Set Packer(s) 9:43 PM Sep 2 ^{A.M.}/_{P.M.} Time Started Off Bottom 12:43 AM Sep 3 ^{A.M.}/_{P.M.} Maximum Temperature 107

Initial Hydrostatic Pressure..... (A) 1478 P.S.I.
Initial Flow Period..... Minutes 30 (B) 9 P.S.I. to (C) 26 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 448 P.S.I.
Final Flow Period..... Minutes 45 (E) 28 P.S.I. to (F) 48 P.S.I.
Final Closed In Period..... Minutes 60 (G) 437 P.S.I.
Final Hydrostatic Pressure..... (H) 1475 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.

Karrie 1





Diamond Testing LLC
 P.O. Box 157
 HoisingtonKS 67544

Ricky Ray - Tester
(620) 617-7261

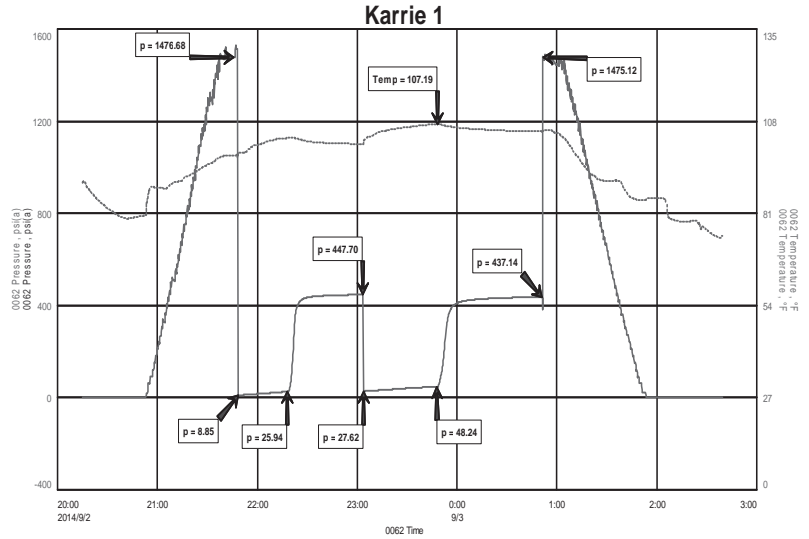
Wellsite Report

General Information

Company Name	RJM Company
Contact	Chris Hoffman
Well Operator	RJM Company
Well Name	Karrie 1
Surface Location	Sec: 18-19s-11w (Barton County)
Field	Cheyenne View Southeast
Well Type	Vertical
Pool	Infield
Test Purpose (AEUB)	Initial Test
Qualified By	Client Musgrove
Gauge Name	0062

Test Information

Job Number	RR078
Test Type	Drill Stem Test
Well Fluid Type	01 Oil
Formation	Dst 3 Lan "G" (3170-3207)
Start Test Date	2014/09/02 YYYY/MM/DD
Start Test Time	20:15:00 HH:mm:ss
Final Test Date	2014/09/03 YYYY/MM/DD
Final Test Time	02:35:00 HH:mm:ss



Test Results

Recovery:

17'	GIP		
107'	MW	80% W	20% M

Tool Sample:	1% O	77% W	22% M
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RW: .16 @ 74 Deg
 Chlorides: 57,000 PPM
 PH: 7