



**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: Ivan 1-1 Dst 4

TIME ON: 19: 56 May 21  
TIME OFF: 03:47 May 22

Company L.D Drilling Inc. Lease & Well No. Ivan 1-1  
Contractor Petromark Drilling Charge to L.D Drilling Inc.  
Elevation 1930 KB Formation \_\_\_\_\_ Simp/Arb \_\_\_\_\_ Effective Pay \_\_\_\_\_ Ft. Ticket No. R003  
Date 05/21/2014 Sec. 1 Twp. \_\_\_\_\_ 23 S Range \_\_\_\_\_ 14 W County \_\_\_\_\_ Stafford State KANSAS  
Test Approved By Kim Shoemaker Diamond Representative RICKY RAY

Formation Test No. 4 Interval Tested from 3800 ft. to 3868 ft. Total Depth 3868 ft.  
Packer Depth 3795 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Packer Depth 3800 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

Depth of Selective Zone Set \_\_\_\_\_  
Top Recorder Depth (Inside) 3781 ft. Recorder Number 0062 Cap. 5000 P.S.I.  
Bottom Recorder Depth (Outside) 3865 ft. Recorder Number 11047 Cap. 5075 P.S.I.  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.  
Mud Type CHEMICAL Viscosity 44 Drill Collar Length 116 ft. I.D. 2 1/4 in.  
Weight 9 Water Loss 16 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.  
Chlorides 13800 P.P.M. Drill Pipe Length 3646 ft. I.D. 3 1/2 in.  
Jars: Make STERLING Serial Number 8 Test Tool Length 33 ft. Tool Size 3 1/2-IF in.  
Did Well Flow? NA Reversed Out NA Anchor Length 68 A(37.5P) 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: WSB Built to 7 inches in 30 mins NOBB  
2nd Open: 1/4 Blow Built to 9 inches in 45 mins NOBB

Recovered 10 ft. of SLO & HMW 2% O 50% W 48% M  
Recovered 124 ft. of M 100% M  
Recovered 116 ft. of HWM 48% W 52% M  
Recovered 240 ft. of Total Fluid

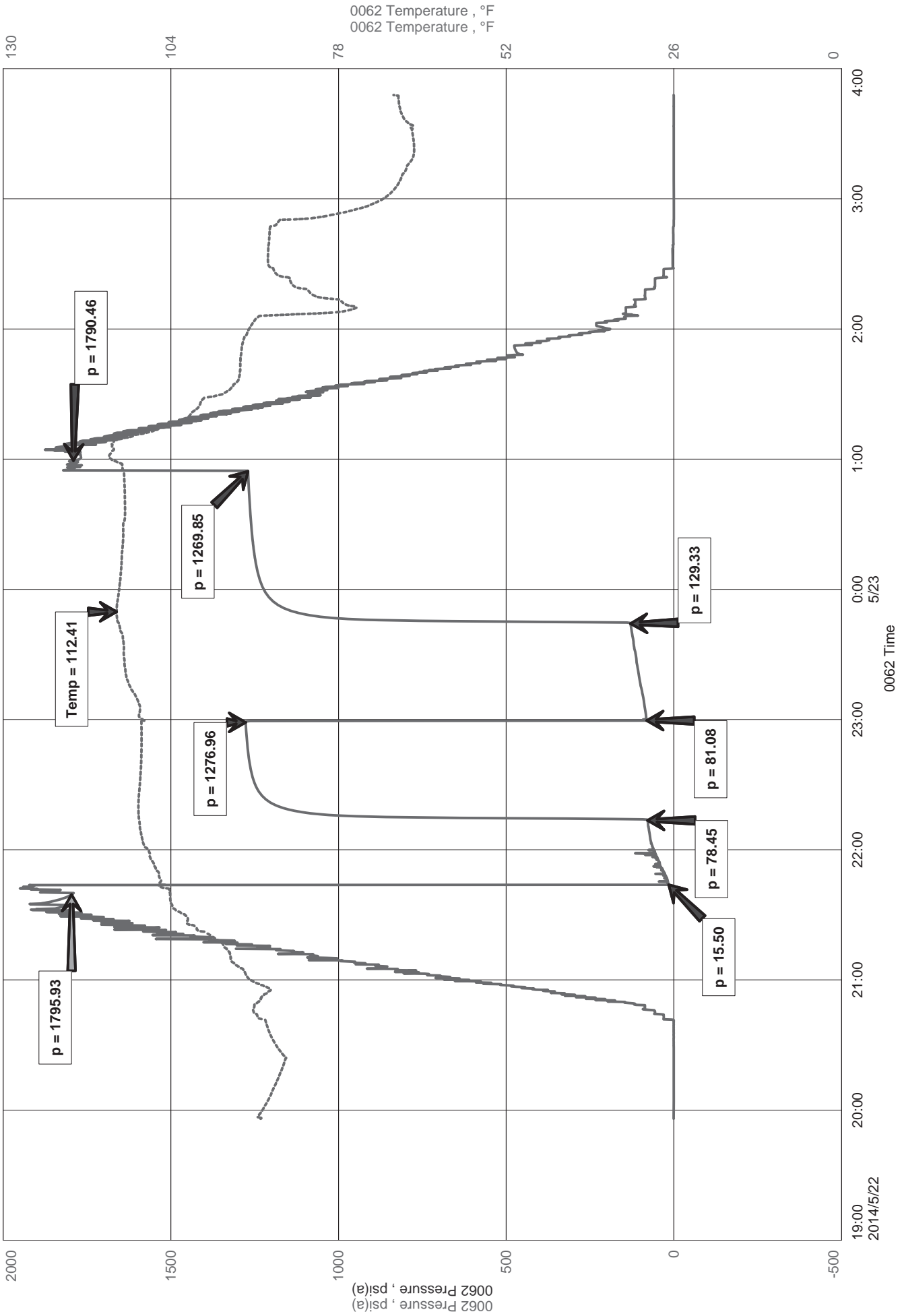
Recovered _____ ft. of _____	RW: .32 @ 69 DEG	Price Job
Recovered _____ ft. of _____	PH: 9	Other Charges
Remarks: _____	Chlorides: 183,000	Insurance
_____	_____	Total

Time Set Packer(s) 9:42 PM May 21 <sup>A.M.</sup>/<sub>P.M.</sub> Time Started Off Bottom 12:42 AM May 22 <sup>A.M.</sup>/<sub>P.M.</sub> Maximum Temperature 112

Initial Hydrostatic Pressure..... (A) 1796 P.S.I.  
Initial Flow Period..... Minutes 30 (B) 16 P.S.I. to (C) 78 P.S.I.  
Initial Closed In Period..... Minutes 45 (D) 1277 P.S.I.  
Final Flow Period..... Minutes 45 (E) 81 P.S.I. to (F) 129 P.S.I.  
Final Closed In Period..... Minutes 60 (G) 1270 P.S.I.  
Final Hydrostatic Pressure..... (H) 1790 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.

# Ivan 1-1





Diamond Testing LLC  
 P.O. Box 157  
 HoisingtonKS 67544

**Ricky Ray - Tester**  
**(620) 617-7261**

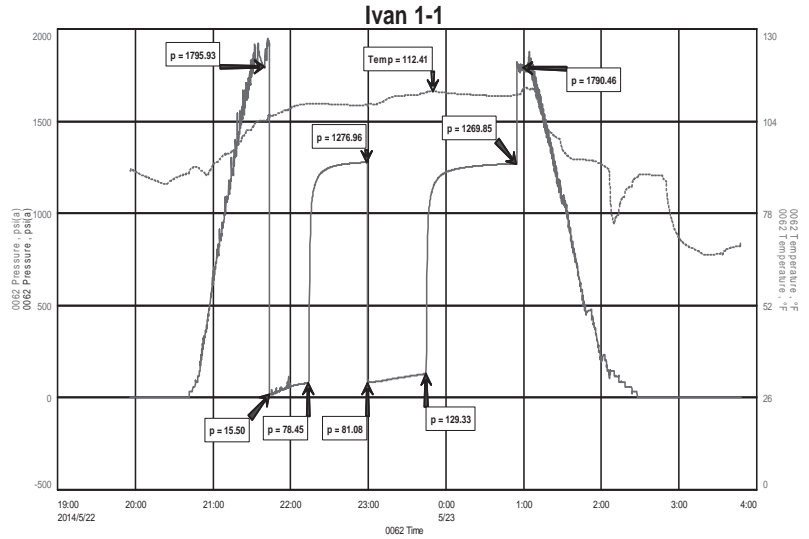
# Wellsite Report

## General Information

Company Name	L.D Drilling Inc
Contact	L.D Davis
Well Operator	L.D Drilling Inc
Well Name	Ivan 1-1
Surface Location	Sec: 1-223s-14w (Stafford County)
Field	unknown
Well Type	Vertical
Pool	Infield
Test Purpose (AEUB)	Initial Test
Qualified By	Kim Shoemaker
Gauge Name	0062

## Test Information

Job Number	R003
Test Type	Drill Stem Test
Well Fluid Type	01 Oil
Formation	Dst 4 Simp/Arb (3800-3868)
Start Test Date	2014/05/21 YYYY/MM/DD
Start Test Time	19:56:00 HH:mm:ss
Final Test Date	2014/05/22 YYYY/MM/DD
Final Test Time	03:47:00 HH:mm:ss



## Test Results

### Recovery:

10'	SLO&HMW	2% O	50% W	48% M
124'	M	100% M		
116'	HWM	48% W	52%W	
240'	Total Fluid			

Tool Sample: 1% O 39% W 60% M

RW: .32 @ 69 DEG  
 PH: 9  
 chlorides: 182,000