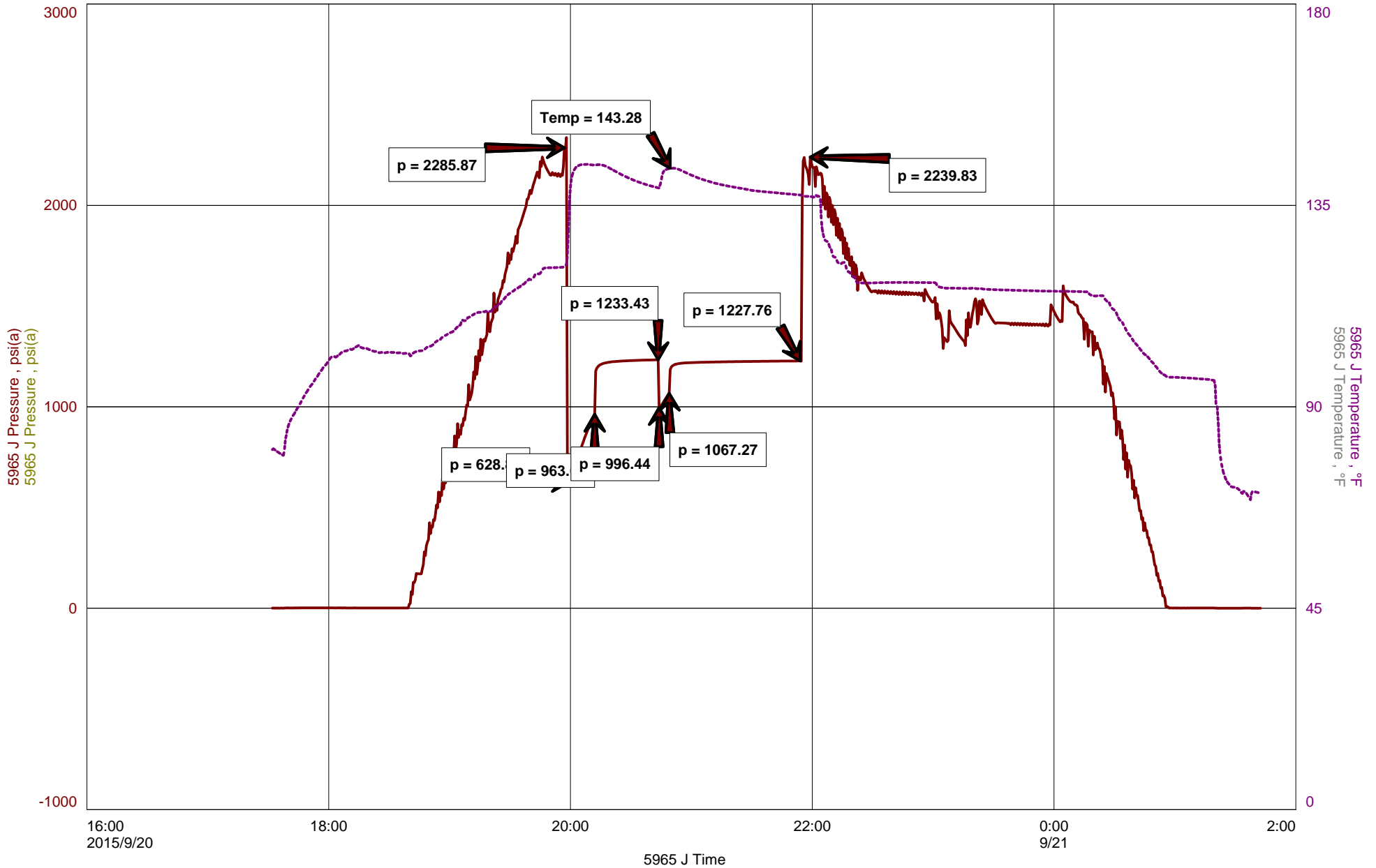


John A 2-20 DST 3





Diamond Testing General Report

Wilbur Steinbeck
TESTER
CELL: 620-282-1573

General Information

Company Name	Val Energy	Harley Sayles	Job Number	W210
Contact		John A 2-20	Representative	Wilbur Steinbeck
Well Name		DST 3 Pawnee 4508-4559	Well Operator	WW 2
Unique Well ID		20-8s-35w Thomas/Kans	Report Date	2015/09/20
Surface Location		Wildcat	Prepared By	Wilbur Steinbeck
Field			Qualified By	Harley Sayles

Test Information

Test Type	Conventional		
Formation	Pawnee		
Well Fluid Type	01 Oil		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2015/09/20	Start Test Time	17:32:00
Final Test Date	2015/09/21	Final Test Time	01:42:00

Test Recovery

Recovery 3000' Gassy Free Oil
 180' GMCO 10%G 35%M 55%O
 3180' Total Fluid
 Gas to surface

Tool Sample MCO 15%M 85%O

Corrected Gravity=38.6



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: John A 2-20 DST 3

TIME ON: 17:32
TIME OFF: 1:42

Company Val Energy Inc Lease & Well No. John A 2-20
Contractor WW 2 Charge to Val
Elevation 3320 KB Formation Pawnee Effective Pay _____ Ft. Ticket No. W210
Date 9-20-15 Sec. 20 Twp. _____ 8 S Range _____ 35 W County _____ Thomas State KANSAS
Test Approved By Harley Sayles Diamond Representative Wilbur Steinbeck

Formation Test No. 3 Interval Tested from 4508 ft. to 4559 ft. Total Depth 4559 ft.
Packer Depth 4503 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 4508 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4494 ft. Recorder Number 5965 Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside) 4509 ft. Recorder Number 5587 Cap. 5,000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chem Viscosity 57 Drill Collar Length 117 ft. I.D. 2 1/4 in.
Weight 9.3 Water Loss 9.6 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 5000 P.P.M. Drill Pipe Length 4358 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number 7 Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
Did Well Flow? Yes Reversed Out Yes Anchor Length 51 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: BOB in 10 sec BOB in 1 min
2nd Open: BOB in 16 sec BOB in 45 sec

Recovered 3000 ft. of Gassy Free Oil
Recovered 180 ft. of GMCO 10%G 35%M 55%O
Recovered 3180 ft. of Total Fluid
Recovered _____ ft. of Gas To Surface

Recovered _____ ft. of _____	25 Miles RT	Price Job
Recovered _____ ft. of _____		Other Charges
Remarks: _____		Insurance
Tool Sample= <u>MCO 15%M 85%O</u>		
Corrected Gravity= <u>38.6</u>		Total

Time Set Packer(s) 19:57 A.M. P.M. Time Started Off Bottom 21:47 A.M. P.M. Maximum Temperature 143

Initial Hydrostatic Pressure..... (A) 2286 P.S.I.
Initial Flow Period..... Minutes 15 (B) 629 P.S.I. to (C) 964 P.S.I.
Initial Closed In Period..... Minutes 30 (D) 1233 P.S.I.
Final Flow Period..... Minutes 5 (E) 996 P.S.I. to (F) 1067 P.S.I.
Final Closed In Period..... Minutes 60 (G) 1228 P.S.I.
Final Hydrostatic Pressure..... (H) 2240 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.