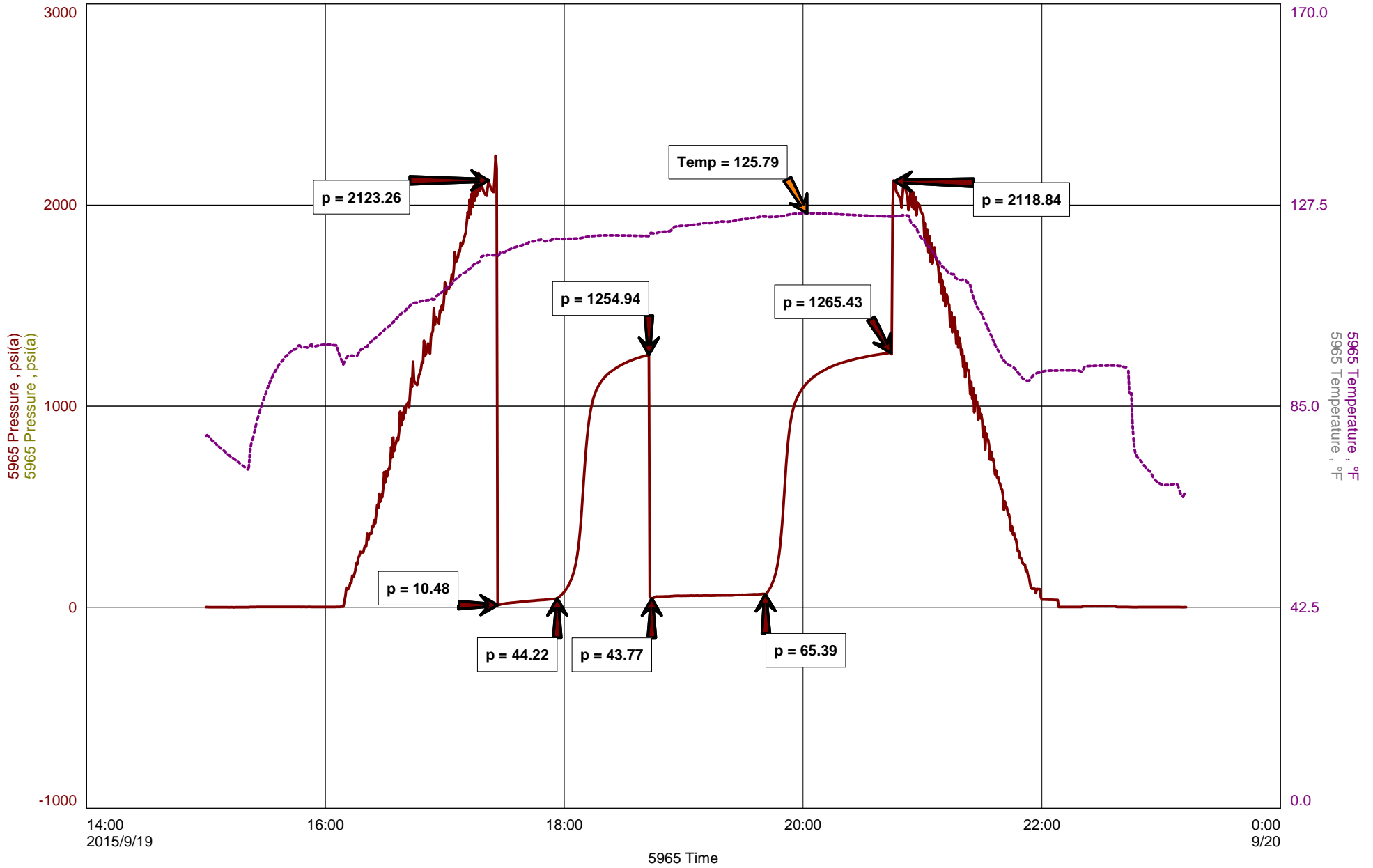


John A 2-20 DST 2





Diamond Testing General Report

Wilbur Steinbeck
TESTER
CELL: 620-282-1573

General Information

| | | | | |
|-------------------------|------------|------------------------------|-----------------------|------------------|
| Company Name | Val Energy | Harley Sayles | Job Number | W209 |
| Contact | | John A 2-20 | Representative | Wilbur Steinbeck |
| Well Name | | DST 2 Lan K 4346-4382 | Well Operator | WW 2 |
| Unique Well ID | | 20-8s-35w Thomas/Kans | Report Date | 2015/09/19 |
| Surface Location | | Wildcat | Prepared By | Wilbur Steinbeck |
| Field | | | Qualified By | Harley Sayles |

Test Information

| | | | |
|----------------------------|--------------|------------------------|----------|
| Test Type | Conventional | | |
| Formation | Lan K | | |
| Well Fluid Type | 01 Oil | | |
| Test Purpose (AEUB) | Initial Test | | |
| Start Test Date | 2015/09/19 | Start Test Time | 15:00:00 |
| Final Test Date | 2015/09/19 | Final Test Time | 23:13:00 |

Test Recovery

Recovery 70' Gassy Free Oil
 80' GWMCO 15%G 10%W 25%M 40%O
 150' Total Fluid
 180' GIP

Tool Sample GWMCO 10%G 10%W 40%M 40%O

Corrected Gravity=38



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

TIME ON: 15:00
TIME OFF: 23:13

Company Val Energy Inc Lease & Well No. John A 2-20
Contractor WW 2 Charge to Val
Elevation 3320 KB Formation _____ Lan K Effective Pay _____ Ft. Ticket No. W209
Date 9-19-15 Sec. 20 Twp. _____ 8 S Range _____ 35 W County _____ Thomas State KANSAS
Test Approved By Harley Sayles Diamond Representative Wilbur Steinbeck

Formation Test No. 2 Interval Tested from 4346 ft. to 4382 ft. Total Depth 4382 ft.
Packer Depth 4341 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 4346 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
Top Recorder Depth (Inside) 4332 ft. Recorder Number 5965 Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside) 4347 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 52 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 4196 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 NO Anchor Length 36 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: Built to 6 1/4" No Return
2nd Open: BOB in 55 min No Return

Recovered 70 ft. of Gassy Free Oil
Recovered 80 ft. of GWMCO 15%G 10%W 35%M 40%O
Recovered 150 ft. of Total Fluid
Recovered 180 ft. of GIP

| | | |
|---|--------------|---------------|
| Recovered _____ ft. of _____ | 130 Miles RT | Price Job |
| Recovered _____ ft. of _____ | | Other Charges |
| Remarks: _____ | | Insurance |
| Tool Sample= <u>GWMCO 10%G 10%W 40%M 40%O</u> | | |
| Corrected Gravity= <u>38</u> | | Total |

Time Set Packer(s) 17:25 A.M. P.M. Time Started Off Bottom 20:40 A.M. P.M. Maximum Temperature 126
Initial Hydrostatic Pressure..... (A) 2123 P.S.I.
Initial Flow Period..... Minutes 30 (B) 10 P.S.I. to (C) 44 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 1255 P.S.I.
Final Flow Period..... Minutes 60 (E) 44 P.S.I. to (F) 65 P.S.I.
Final Closed In Period..... Minutes 60 (G) 1265 P.S.I.
Final Hydrostatic Pressure..... (H) 2119 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.