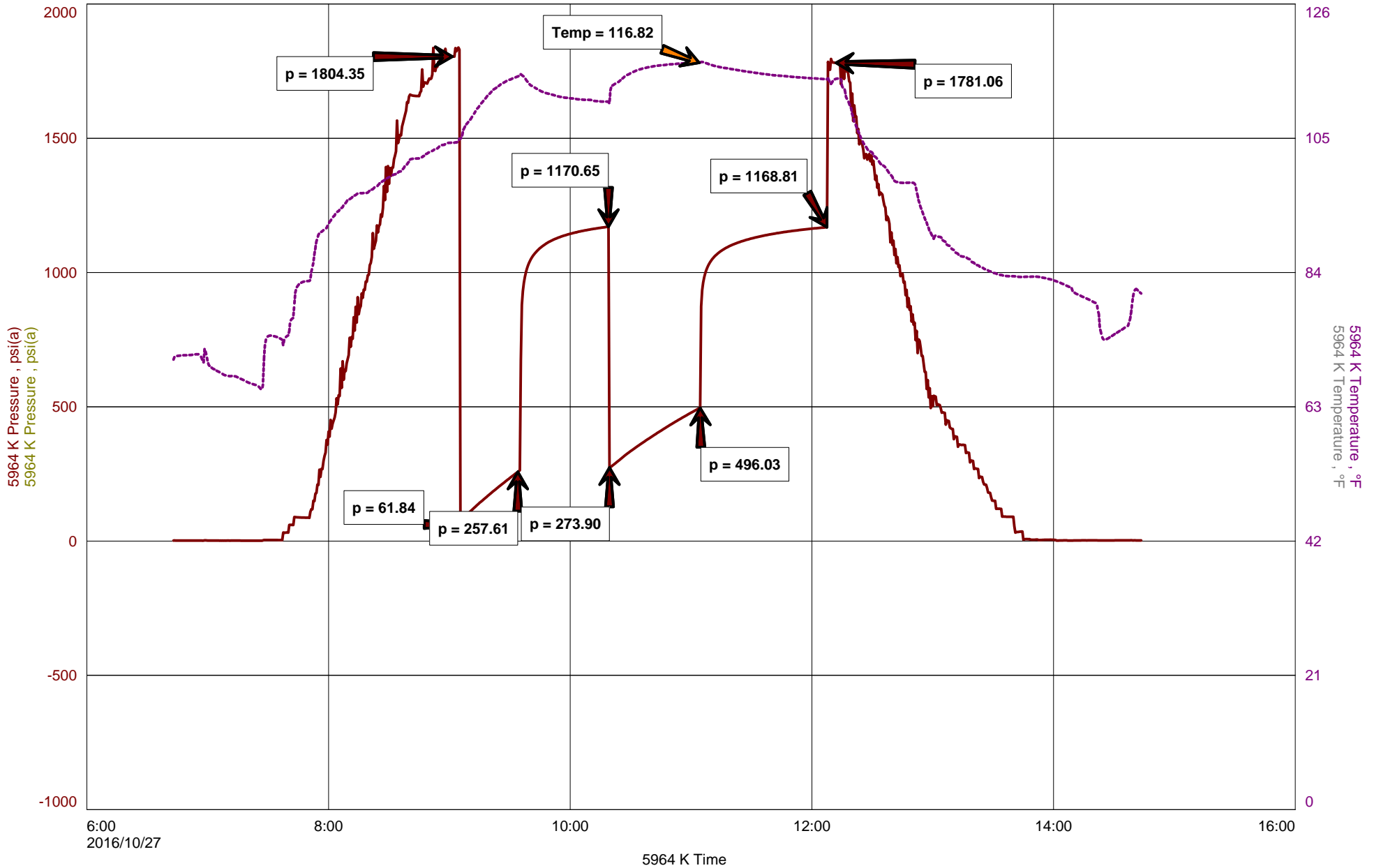


Coachman
DST 1 Lan C,D & E 3846-3932
Start Test Date: 2016/10/27
Final Test Date: 2016/10/27

Mitchek 1-35-13-35
Formation: Lan C,D & E
Job Number: W250

Mitchek 1-35-13-35 DST 1





Diamond Testing General Report

Wilbur Steinbeck
TESTER
CELL: 620-282-1573

General Information

Company Name	Coachman	Mac Armstrong	Job Number	W250
Contact		Mitchek 1-35-13-35	Representative	Wilbur Steinbeck
Well Name		DST 1 Lan C,D & E 3846-3932	Well Operator	Duke 7
Unique Well ID		35-13s-35w Logan/Kan	Report Date	2016/10/27
Surface Location		Wildcat	Prepared By	Wilbur Steinbeck
Field			Qualified By	Mac Armstrong

Test Information

Test Type	Conventional		
Formation	Lan C,D & E		
Well Fluid Type	01 Oil		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2016/10/27	Start Test Time	06:43:00
Final Test Date	2016/10/27	Final Test Time	14:43:00

Test Recovery

Recovery
 1100' MCW 15%M 85%W
 1100' Total Fluid

Tool Sample=MCW 100%M 90%W

Sampler= PSI would not register, 3000ML MCW 5%M 95%W with slight oil scim

RW=39000ppm



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: Mitckek 1-35 DST 1

TIME ON: 6:43
TIME OFF: 14:43

Company Cynosure Energy LLC Lease & Well No. Mitckek 1-35
Contractor Duke 7 Charge to Coachman
Elevation 2973 KB Formation Lan C,D & E Effective Pay _____ Ft. Ticket No. W250
Date 10/27/16 Sec. 35 Twp. 13 S Range 35 W County Logan State KANSAS
Test Approved By Mac Armstrong Diamond Representative Wilbur Steinbeck

Formation Test No. 1 Interval Tested from 3846 ft. to 3932 ft. Total Depth 3932 ft.
Packer Depth 3841 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 3846 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3832 ft. Recorder Number 5965 Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside) 3847 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 60 Drill Collar Length 180 ft. I.D. 2 1/4 in.
Weight 8.7 Water Loss 7.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 2800 P.P.M. Drill Pipe Length 3810 ft. I.D. 3 1/2 in.

Jars: Make STERLING Serial Number _____ J/J, Sampler, 2 Shale Packers Test Tool Length 36 ft. Tool Size 3 1/2-IF in.
Did Well Flow? Yes Reversed Out No Anchor Length 86 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 5 min No Return
2nd Open: BOB in 6 min No Return

Recovered 1100 ft. of MCW 15%M 85%W
Recovered 1100 ft. of Total Fluid
Recovered _____ ft. of _____
Recovered _____ ft. of _____

Recovered _____ ft. of _____	100 Miles RT	Price Job
Recovered _____ ft. of _____		Other Charges
Remarks: <u>Tool Sample=MCW 10%M 90%W</u>		Insurance
<u>Sampler= PSI wouldn't register, 3000ml MCW 5%M 95%W</u>		
<u>RW=39000ppm</u>		Total

Time Set Packer(s) 9:05 A.M. P.M. Time Started Off Bottom 12:05 A.M. P.M. Maximum Temperature 117

Initial Hydrostatic Pressure..... (A) 1804 P.S.I.
Initial Flow Period..... Minutes 30 (B) 62 P.S.I. to (C) 258 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 1171 P.S.I.
Final Flow Period..... Minutes 45 (E) 274 P.S.I. to (F) 496 P.S.I.
Final Closed In Period..... Minutes 60 (G) 1169 P.S.I.
Final Hydrostatic Pressure..... (H) 1781 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.