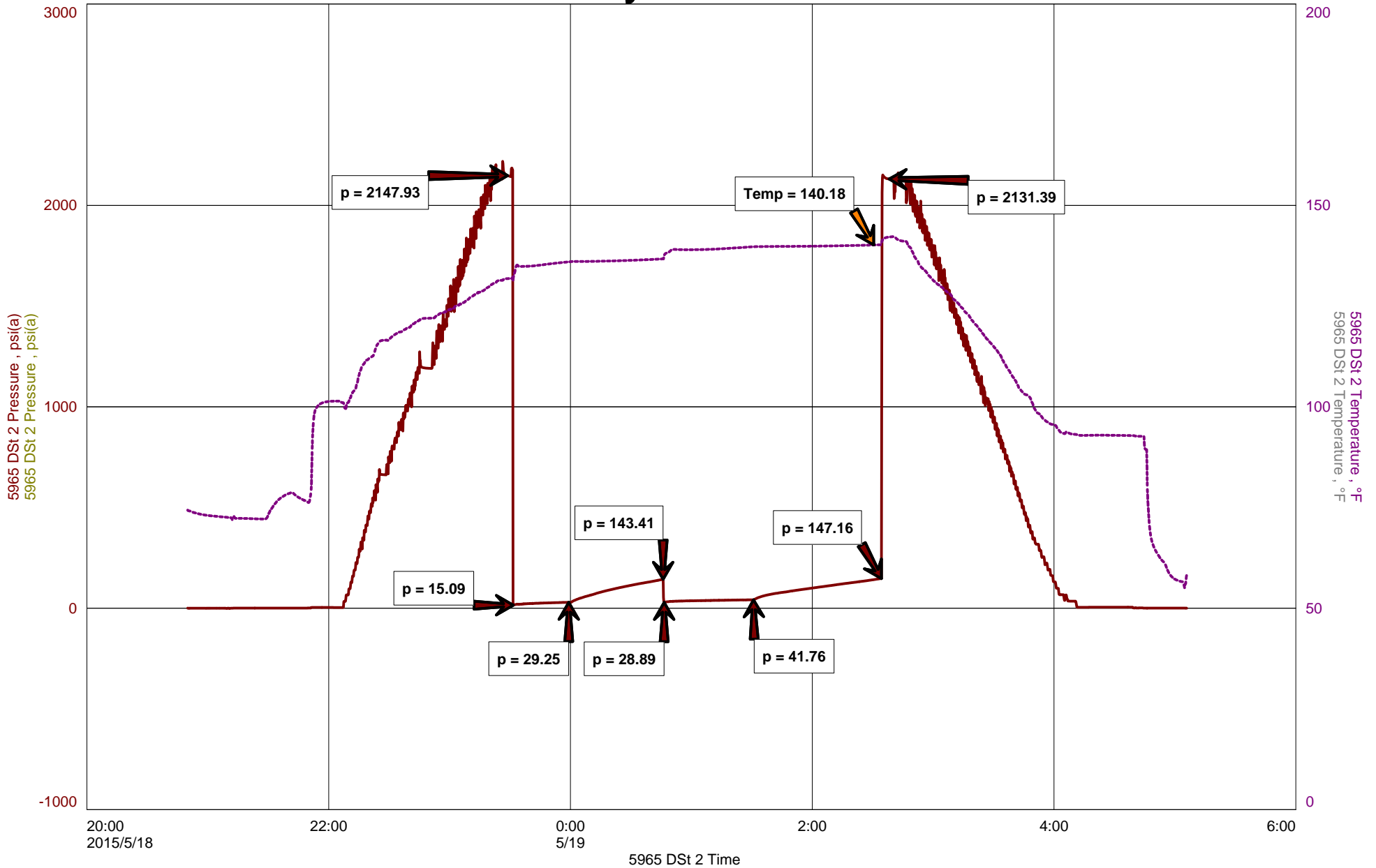


Casey 1-7 DST 2





Diamond Testing General Report

Wilbur Steinbeck
TESTER
CELL: 620-282-1573

General Information

Company Name	LD Drilling	Kim Shoemaker	Job Number	W191
Contact		Casey 1-7	Representative	Wilbur Steinbeck
Well Name		DST 2 Lan H-J 4384-4440	Well Operator	LD 1
Unique Well ID		7-2s-37w Cheyenne/Kans	Report Date	2015/05/18
Surface Location		Wildcat	Prepared By	Wilbur Steinbeck
Field			Qualified By	Kim Shoemaker

Test Information

Test Type	Conventional		
Formation	Lan H-J		
Well Fluid Type	01 Oil		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2015/05/18	Start Test Time	20:50:00
Final Test Date	2015/05/19	Final Test Time	05:05:00

Test Recovery

Recovery 70' GMCO 5%G 45%M 50%O
70' Total Fluid

Tool Sample MCO 50%M 50%O



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: Casey 1-7 DST 2

TIME ON: 20:50
TIME OFF: 5:05

Company LD Drilling Lease & Well No. Casey 1-7
Contractor LD 1 Charge to LD Drilling
Elevation 3251 KB Formation _____ Lan H-J Effective Pay _____ Ft. Ticket No. W191
Date 5-18-15 Sec. 7 Twp. _____ 2 S Range _____ 37 W County _____ Cheyenne State KANSAS
Test Approved By Kim Shoemaker Diamond Representative _____ Wilbur Steinbeck

Formation Test No. 2 Interval Tested from 4384 ft. to 4440 ft. Total Depth 4440 ft.
Packer Depth 4379 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 4384 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4370 ft. Recorder Number 5965 Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside) 4385 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 0 ft. I.D. 2 1/4 in.
Weight 9.2 Water Loss 9.6 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 3000 P.P.M. Drill Pipe Length 4351 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 56 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 17 min No Return
2nd Open: BOB in 44 min Built to 1/2"

Recovered 70 ft. of GMCO 5%G 45%M 50%O
Recovered 70 ft. of Total Fluid
Recovered _____ ft. of _____
Recovered _____ ft. of _____

Recovered _____ ft. of _____	135 Miles RT	Price Job
Recovered _____ ft. of _____		Other Charges
Remarks: <u>Tool Sample MCO 50%M 50%O</u>		Insurance
		Total

Time Set Packer(s) 23:30 A.M. P.M. Time Started Off Bottom 2:30 A.M. P.M. Maximum Temperature 140
Initial Hydrostatic Pressure..... (A) 2148 P.S.I.
Initial Flow Period..... Minutes 30 (B) 15 P.S.I. to (C) 29 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 143 P.S.I.
Final Flow Period..... Minutes 45 (E) 29 P.S.I. to (F) 42 P.S.I.
Final Closed In Period..... Minutes 60 (G) 147 P.S.I.
Final Hydrostatic Pressure..... (H) 2131 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.