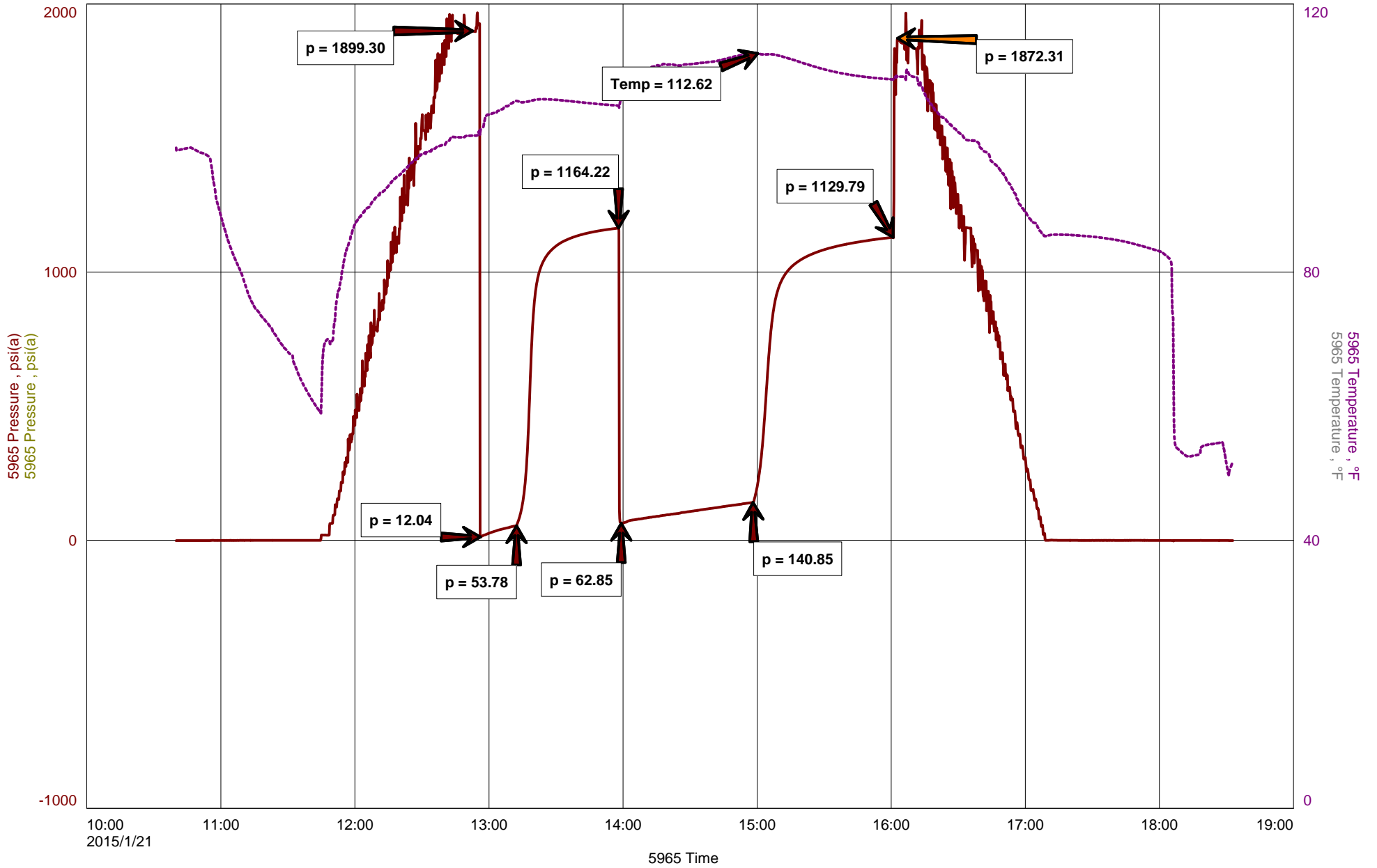


Box Farms 33-1 DST 4





Diamond Testing General Report

Wilbur Steinbeck
TESTER
CELL: 620-282-1573

General Information

Company Name	IA Operating Inc	Jeff Lawler	Job Number	W159
Contact			Representative	Wilbur Steinbeck
Well Name	Box Farms 33-1		Well Operator	Southwind 70
Unique Well ID	DST 4 LKC E&F 4003-4090		Report Date	2015/01/21
Surface Location	33-1s-32w Rawlins/Kan		Prepared By	Wilbur Steinbeck
Field	Wildcat		Qualified By	Jeff Lawler

Test Information

Test Type	Conventional
Formation	LKC E&F
Well Fluid Type	01 Oil
Test Purpose (AEUB)	Initial Test

Start Test Date	2015/01/21	Start Test Time	10:40:00
Final Test Date	2015/01/21	Final Test Time	18:35:00

Test Recovery

Recovery 90' Gassy Free Oil
 260' GMCO 15%G 25%M 60%O
 350' Total Fluid
 120' GIP

Tool Sample GMCO 10%G 15%M 75%O

Corrected Gravity=38.2



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: Box Farms 33-1 DST 4

TIME ON: 10:40
TIME OFF: 18:35

Company IA Operating Inc Lease & Well No. Box Farms 33-1
Contractor Southwind 70 Charge to IA Operating Inc
Elevation GL 2946 Formation LKC E&F Effective Pay _____ Ft. Ticket No. W159
Date 1-21-15 Sec. 33 Twp. 1 S Range 32 W County Rawlins State KANSAS
Test Approved By _____ Diamond Representative Wilbur Steinbeck

Formation Test No. 4 Interval Tested from 4003 ft. to 4090 ft. Total Depth 4090 ft.
Packer Depth 3998 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 4003 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3989 ft. Recorder Number 5965 Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 4004 ft. Recorder Number 5446 Cap. 5,000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chem Viscosity 51 Drill Collar Length 0 ft. I.D. 2 1/4 in.
Weight 9.2 Water Loss 7.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 2300 P.P.M. Drill Pipe Length 3970 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number 07 Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
Did Well Flow? Yes Reversed Out No Anchor Length 87 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 12 min No Return
2nd Open: BOB in 11 min Built to 3 1/2"

Recovered 90 ft. of Gassy Free Oil
Recovered 260 ft. of GMCO 15%G 25%M 60%O Ruined packer rubber
Recovered 350 ft. of Total Fluid
Recovered 120 ft. of GIP

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	100 Miles RT
Remarks: _____	Insurance
Tool Sample Mud <u>GMCO 10%G 15%M 75%O</u>	
Corrected Gravity= <u>38.2</u>	Total

Time Set Packer(s) 13:00 A.M. P.M. Time Started Off Bottom 16:00 A.M. P.M. Maximum Temperature 113
Initial Hydrostatic Pressure..... (A) 1899 P.S.I.
Initial Flow Period..... Minutes 15 (B) 12 P.S.I. to (C) 54 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 1164 P.S.I.
Final Flow Period..... Minutes 60 (E) 63 P.S.I. to (F) 141 P.S.I.
Final Closed In Period..... Minutes 60 (G) 1130 P.S.I.
Final Hydrostatic Pressure..... (H) 1872 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.