

DIAMOND TESTING GENERAL REPORT

Jake Fahrenbruch, Tester

Cell: (620) 282-8977 / Office: (800) 542-7313



TEST INFORMATION

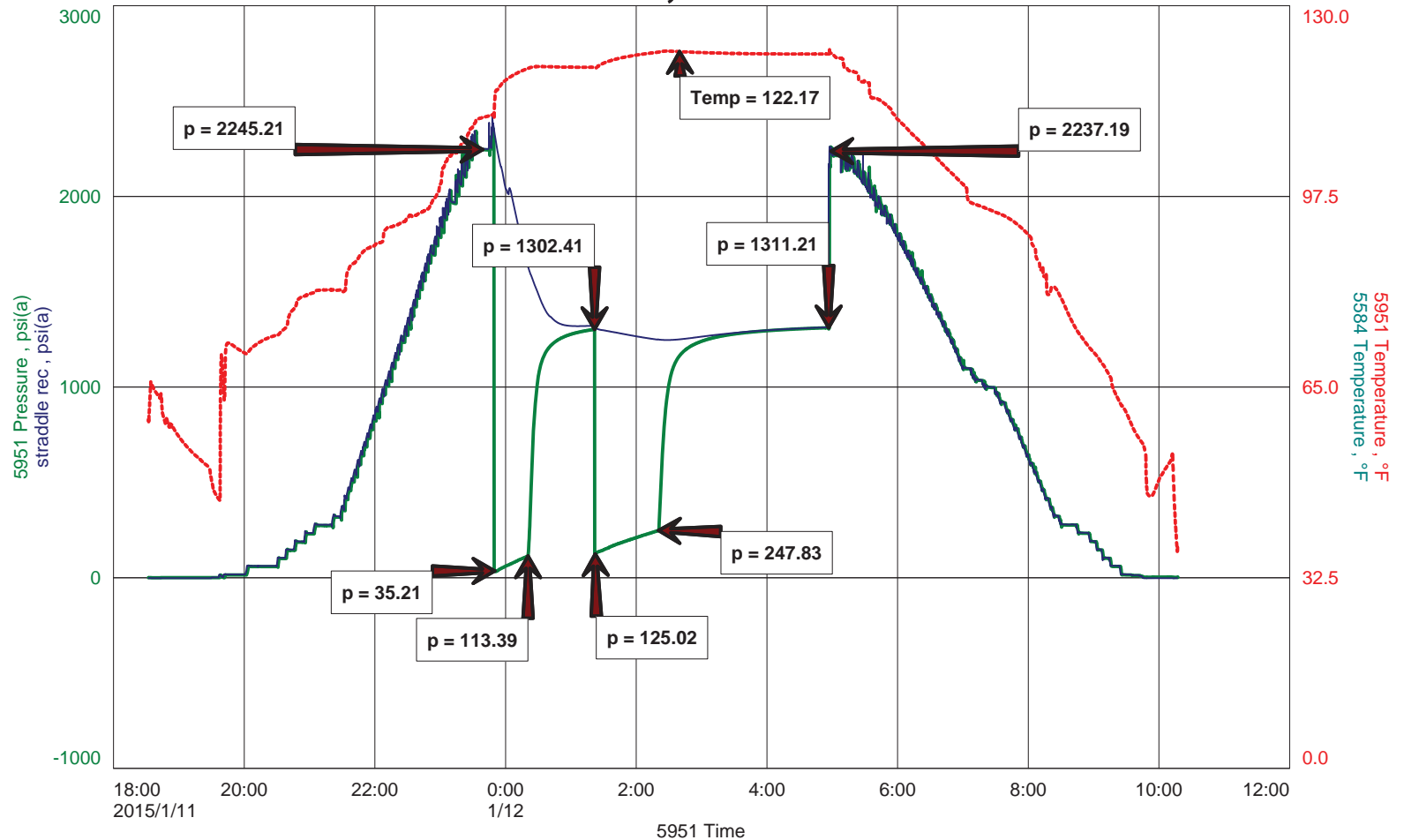
Well Name	Stacy #1-24
Company Name	Berexco, LLC
Formation	Pawnee 4634'-4644' (TD 4660')
Test Type	Straddle w/jars,s.jnt.,sh.pkr.
Surface Location	Sec 24-26s-34w-Finney Co.-KS
KB Elevation (SL)	2946.000
Gauge Name	5951
Start Test Date	2015/01/11
Start Test Time	18:32:00
Final Test Date	2015/01/12
Final Test Time	10:19:00
Job Number	F368
Contact	Evan Mayhew
Site Contact	Ed Grieves

TEST RESULTS

Initial flow, BOB in 6.5 minutes. Blowback @ 2".
 Final flow, BOB 11 minutes, Blowback @ 11".

TOTAL FLUID RECOVERED: 470' GIP: 1100'
 45' Clean Oil, 100% oil, 38 gravity @ 60F
 85' OSWM, 3% oil, 40% wtr, 57% mud
 340' Water, 100% wtr
 Chlorides: 124,000 PPM, RW: .08 ohm @ 60F, PH: 7.5

DST #2, PAWNEE





DIAMOND TESTING

P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313

DRILL-STEM TEST TICKET
FILE: STACY1 DST2

ON LOCATION:	<u>17:18</u>	<u>1-11</u>
START RECORDERS:	<u>18:32</u>	<u>1-11</u>
STOP RECORDERS:	<u>10:19</u>	<u>1-12</u>

Company BEREXCO, LLC Lease & Well No. STACY #1-24
 Contractor BEREXCO, LLC REG #1 Charge to BEREXCO, LLC
 Elevation 2946' NB Formation PAWNEE Effective Pay _____ Ft. Ticket No. F368
 Date 1-12-15 Sec. 24 Twp. 26S Range 34W County FINNEY State KANSAS
 Test Approved By ED GRIEVES Diamond Representative JAKE FAHRENBRUCH

Formation Test No. 2 Interval Tested from 4634 ft. to 4644 ft. Total Depth 4660 ft.
 Packer Depth 4629 ft. Size 6 3/4 in. Packer depth 4644 ft. Size 6 3/4 in.
 Packer Depth 4634 SHAVE ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Depth of Selective Zone Set _____

Top Recorder Depth (Inside) _____ ft. Recorder Number _____ Cap. _____ P.S.I.
 Bottom Recorder Depth (Outside) 4635 ft. Recorder Number 5951 Cap. 5000 P.S.I.
 Below Straddle Recorder Depth 4647 ft. Recorder Number 5584 Cap. 5000 P.S.I.

Mud Type CHEMICAL Viscosity 57 (3" x 2cm) Drill Collar Length 622 ft. I.D. 2 1/4 in.
 Weight 9.2 Water Loss 8.4 cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
 Chlorides 3600 P.P.M. Drill Pipe Length 3979 ft. I.D. 3 1/2 in.
 Jars: Make STERLING #5 Serial Number J.J. Sh Pkr, Strad Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? _____ Reversed Out _____ Anchor Length 10 ft. Size 4 1/2-FH in.
 Main Hole Size 7 7/8 Tool Joint Size 4 1/2" x 4 in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: BOB 6 1/2 MIN. BB @ 2"
 2nd Open: BOB 11 MIN. BB @ 11"

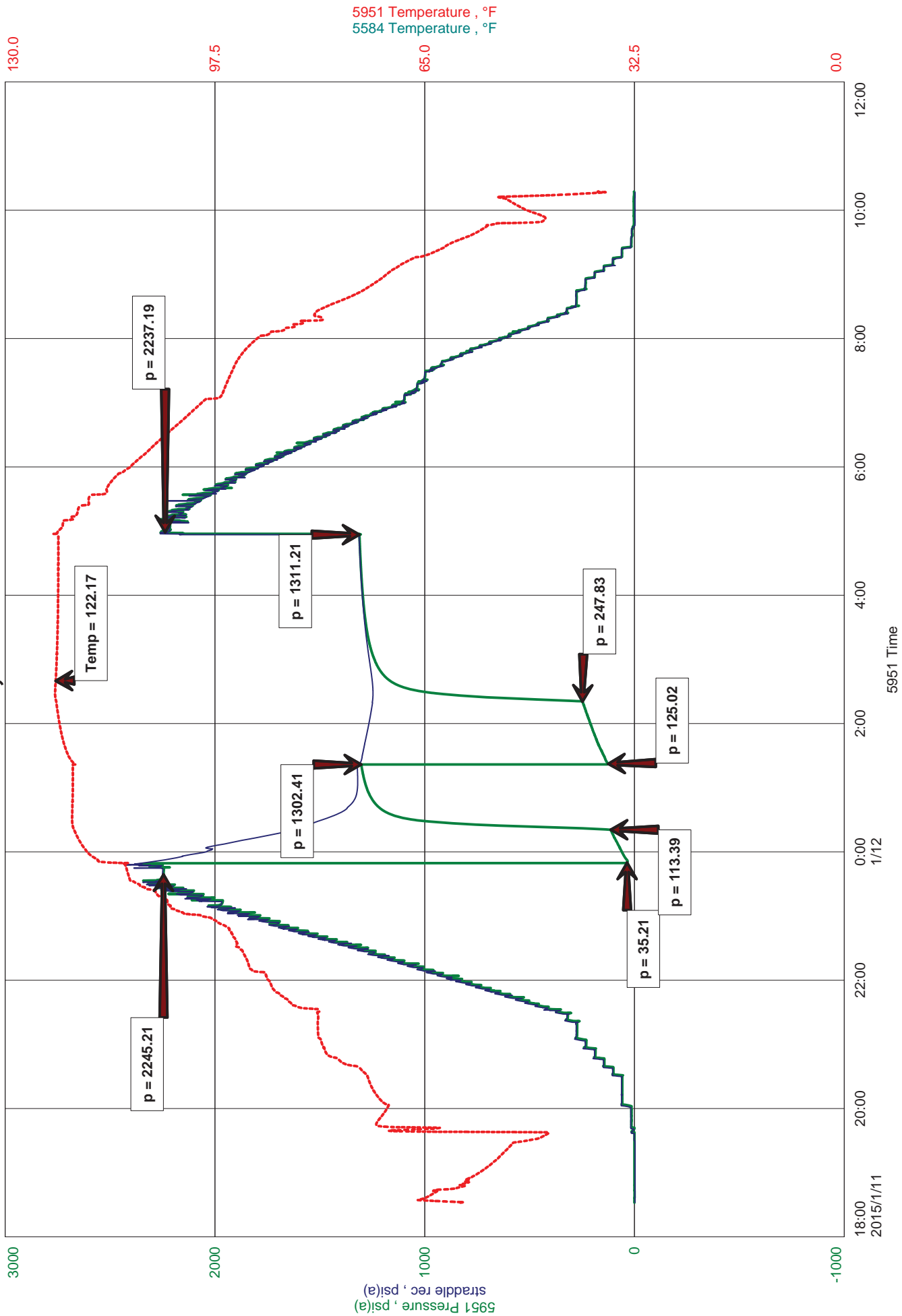
Recovered 45 ft. of CLEAN OIL 100" OIL
 Recovered 85 ft. of OSWM 3" OIL, 40" WTR, 57" MUD
 Recovered 340 ft. of WATER 100" WTR
 Recovered _____ ft. of 1100' GAS IN PIPE
 Recovered _____ ft. of 470' TOTAL RECOVERED FLUID
 Recovered _____ ft. of GRAVITY @ 60°F = 38

Remarks: CHLORIDES = 124,000 PPM
RW: .08 Ω @ 60°F
PA: 7 1/2
 Price Job _____
 Other Charges 16 1/2 HR ON LOC
J.J. Sh Pkr, Straddle
42 MRT (GC)
 Total _____

Time Set Packer(s) 11:51 ^{A.M.}/_{P.M.} Time Started Off Bottom 04:21 ^{A.M.}/_{P.M.} Maximum Temperature 122°F
 Initial Hydrostatic Pressure..... (A) 2245 P.S.I.
 Initial Flow Period..... Minutes 30 (B) 35 P.S.I. to (C) 113 P.S.I.
 Initial Closed In Period..... Minutes 60 (D) 1302 P.S.I.
 Final Flow Period..... Minutes 60 (E) 125 P.S.I. to (F) 248 P.S.I.
 Final Closed In Period..... Minutes 120 (G) 1311 P.S.I. THANKS!
 Final Hydrostatic Pressure..... (H) 2237 P.S.I. Jacob J. Johnson

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.

DST #2, PAWNEE





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: STACY1DST2

TIME ON: 18:32 1/11
TIME OFF: 10:19 1/12

Company Berexco, LLC Lease & Well No. Stacy #1-24
Contractor Beredco, LLC Rig #1 Charge to Berexco, LLC
Elevation 2946' KB Formation Pawnee Effective Pay _____ Ft. Ticket No. F368
Date 1/12/15 Sec. 24 Twp. 26s S Range 34w W County Finney State KANSAS
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Packer Depth 4629 ft. Size 6 3/4 in. Packer depth 4644 ft. Size 6 3/4 in.
Packer Depth 4634 shpk ft. Size 6 3/4 in. Packer depth ----- ft. Size 6 3/4 in.
Depth of Selective Zone Set -----

Top Recorder Depth (Inside) _____ ft. Recorder Number _____ Cap. _____ P.S.I.
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Below Straddle Recorder Depth 4647 ft. Recorder Number 5584 Cap. 5000 P.S.I.

Mud Type Chemical Viscosity 57 (3# LCM) Drill Collar Length 622 ft. I.D. 2 1/4 in.
Weight 9.2 Water Loss 8.4 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 3,600 P.P.M. Drill Pipe Length 3,979 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number #5 J,Jnt,ShPk,Str Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 10 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: BOB 6.5 minutes, BB @ 2"
2nd Open: BOB 11 minutes, BB @ 11"

Recovered 45 ft. of Clean Oil 100% oil
Recovered 85 ft. of OSWM 3% oil, 40% wtr, 57% mud
Recovered 340 ft. of Water 100% wtr

Recovered _____ ft. of <u>1100' GIP</u>	
Recovered _____ ft. of <u>TOTAL RECOVERED FLUID: 470'</u>	Price Job
Recovered _____ ft. of <u>Gravity @ 60 F: 38</u>	Other Charges
Remarks: <u>Chlorides: 124,000 PPM</u>	Insurance
<u>RW: .08 ohm @ 60 F</u>	
<u>PH: 7.5</u>	Total

Time Set Packer(s) 11:51 PM A.M. P.M. Time Started Off Bottom 4:21 AM A.M. P.M. Maximum Temperature 122 F

Initial Hydrostatic Pressure..... (A) 2245 P.S.I.
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Initial Closed In Period..... Minutes 60 (D) 1302 P.S.I.
Final Flow Period..... Minutes 60 (E) 125 P.S.I. to (F) 248 P.S.I.
Final Closed In Period..... Minutes 120 (G) 1311 P.S.I.
Final Hydrostatic Pressure..... (H) 2237 P.S.I.

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