



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: timothy1-16dst1

TIME ON: 00:50
TIME OFF: 10:27

Company Berexco LLC Lease & Well No. Timothy #1-16
Contractor Beredco Rig #2 Charge to Berexco LLC
Elevation 2970 KB Formation Toronto Effective Pay -- Ft. Ticket No. S0363
Date 7-27-13 Sec. 16 Twp. 22 S Range 34 W County Finn State KANSAS
Test Approved By Ed Greives Diamond Representative Jacob McCallie

Formation Test No. 1 Interval Tested from 3810 ft. to 3830 ft. Total Depth 3830 ft.

Packer Depth 3805 ft. Size 6 3/4 in. Packer depth -- ft. Size 6 3/4 in.

Packer Depth 3810 ft. Size 6 3/4 in. Packer depth -- ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3791 ft. Recorder Number 8471 Cap. 10,000 P.S.I.

Bottom Recorder Depth (Outside) 3814 ft. Recorder Number 5965 Cap. 5,000 P.S.I.

Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 49 Drill Collar Length 525 ft. I.D. 2 1/4 in.

Weight 9.2 Water Loss 8.0 cc. Weight Pipe Length -- ft. I.D. 2 7/8 in

Chlorides 4,000 P.P.M. Drill Pipe Length 4469 ft. I.D. 3 1/2 in

Jars: Make STERLING Serial Number 3 Test Tool Length 34 ft. Tool Size 3 1/2-IF in

Did Well Flow? NO Reversed Out NO Anchor Length 20 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: WSB- Built to 5" in 30 min NOBB

2nd Open: WSB- Built to 4 1/4" in 60 min NOBB

Recovered 325 ft. of HWCM 40% W 60% M

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: Water had sulfur smell

Tool Sample: 3% O 60%W 37% M

Time Set Packer(s) 3:34 AM ^{A.M.}/_{P.M.} Time Started Off Bottom 8:04 AM ^{A.M.}/_{P.M.} Maximum Temperature 104

Initial Hydrostatic Pressure..... (A) 1816 P.S.I.

Initial Flow Period..... Minutes 30 (B) 8 P.S.I. to (C) 58 P.S.I.

Initial Closed In Period..... Minutes 60 (D) 847 P.S.I.

Final Flow Period..... Minutes 60 (E) 60 P.S.I. to (F) 145 P.S.I.

Final Closed In Period..... Minutes 120 (G) 523 P.S.I.

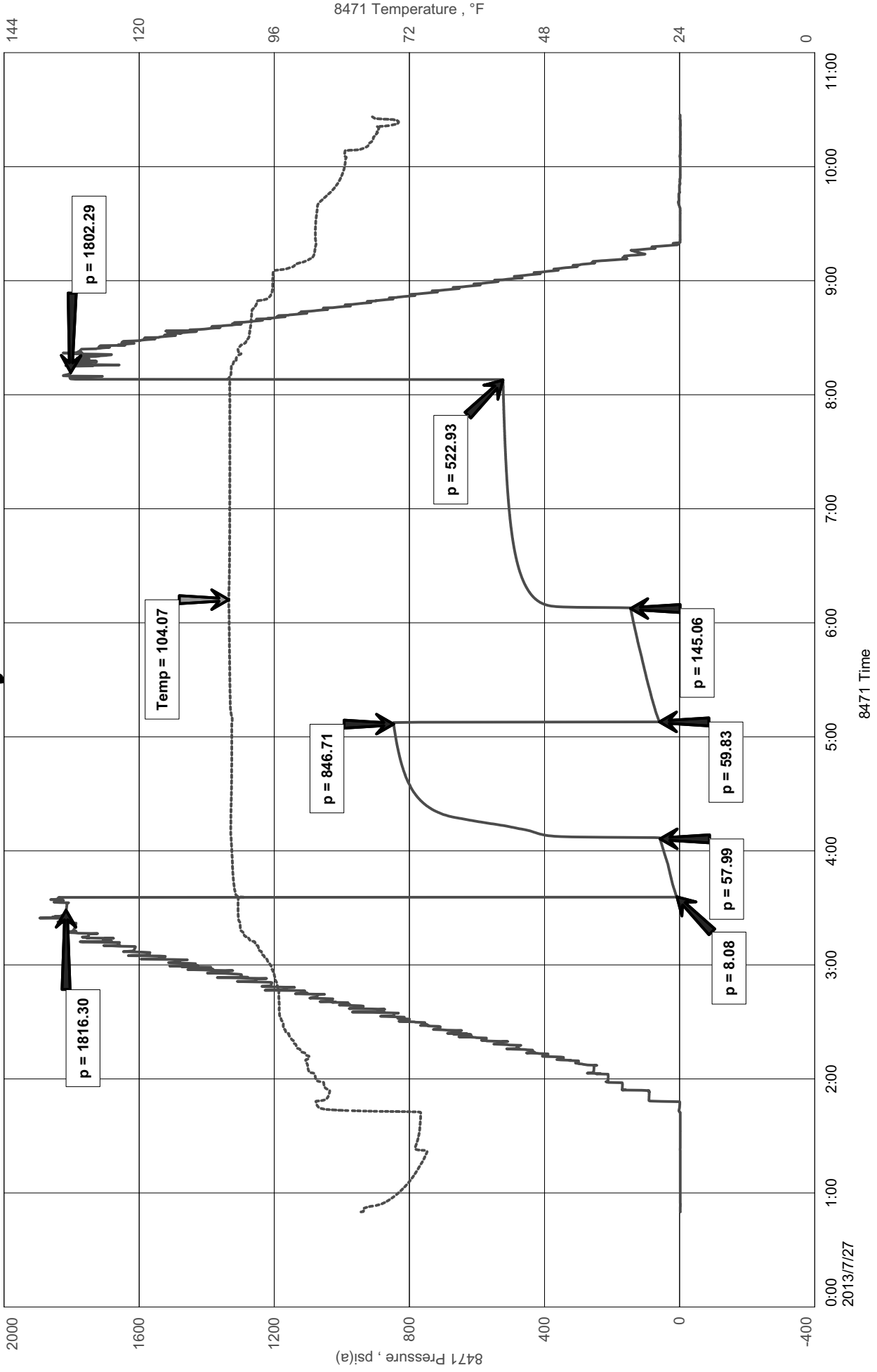
Final Hydrostatic Pressure..... (H) 1802 P.S.I.

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.

Berexco LLC
DST #1 Toronto 3810-3830'
Start Test Date: 2013/07/27
Final Test Date: 2013/07/27

Timothy #1-16
Formation: DST #1 Toronto 3810-3830'
Pool: Wildcat
Job Number: S0363

Timothy #1-16



Diamond Testing

General information Report

General Information

Company Name Berexco LLC

Contact	Greg Claus	Job Number	S0363
Well Name	Timothy #1-16	Representative	Jacob McCallie
Unique Well ID	DST #1 Toronto 3810-3830'	Well Operator	Berexco LLC
Surface Location	SEC 16-22S-34W Finny County	Report Date	2013/07/27
Well License Number		Prepared By	Jacob McCallie
Field	Wildcat		
Well Type	Vertical		

Test Type	Drill Stem Test		
Formation	DST #1 Toronto 3810-3830'		
Well Fluid Type	06 Water	Start Test Time	00:50:00
		Final Test Time	10:27:00
Start Test Date	2013/07/27		
Final Test Date	2013/07/27		
Gauge Name	8471		
Gauge Serial Number			

Test Results

RECOVERED:
325' HWCM 40% W 60% M

PH: 7
RW: .27 @ 80 degrees F
Chlorides: 20,000

Water had sulfur smell
TOOL SAMPLE:
3% O 60% W 37% M