

DIAMOND TESTING, LLC

TESTER : TIM VENTERS
CELL # 620-388-6333

General Information

Company Name	RITHCIE EXPLORATION, INC.	Job Number	T611
Contact	JUSTIN CLEGG	Representative	TIM VENTERS
Well Name	SCHROEDER 22C #1	Well Operator	RITCHIE EXPLORATION, INC.
Unique Well ID	DST #3, LANSING "E", 4156-4179	Report Date	2017/05/19
Surface Location	SEC 22-15S-36W, LOGAN CO. KS.	Prepared By	TIM VENTERS
Well License Number			
Field	WILDCAT		
Well Type	Vertical		

Test Information

Test Type	CONVENTIONAL
Formation	DST #3, LANSING "E", 4156-4179
Well Fluid Type	01 Oil
Test Purpose	Initial Test

Start Test Date	2017/05/19	Start Test Time	12:45:00
Final Test Date	2017/05/19	Final Test Time	18:17:00

Gauge Name	5504
------------	------

Test Results

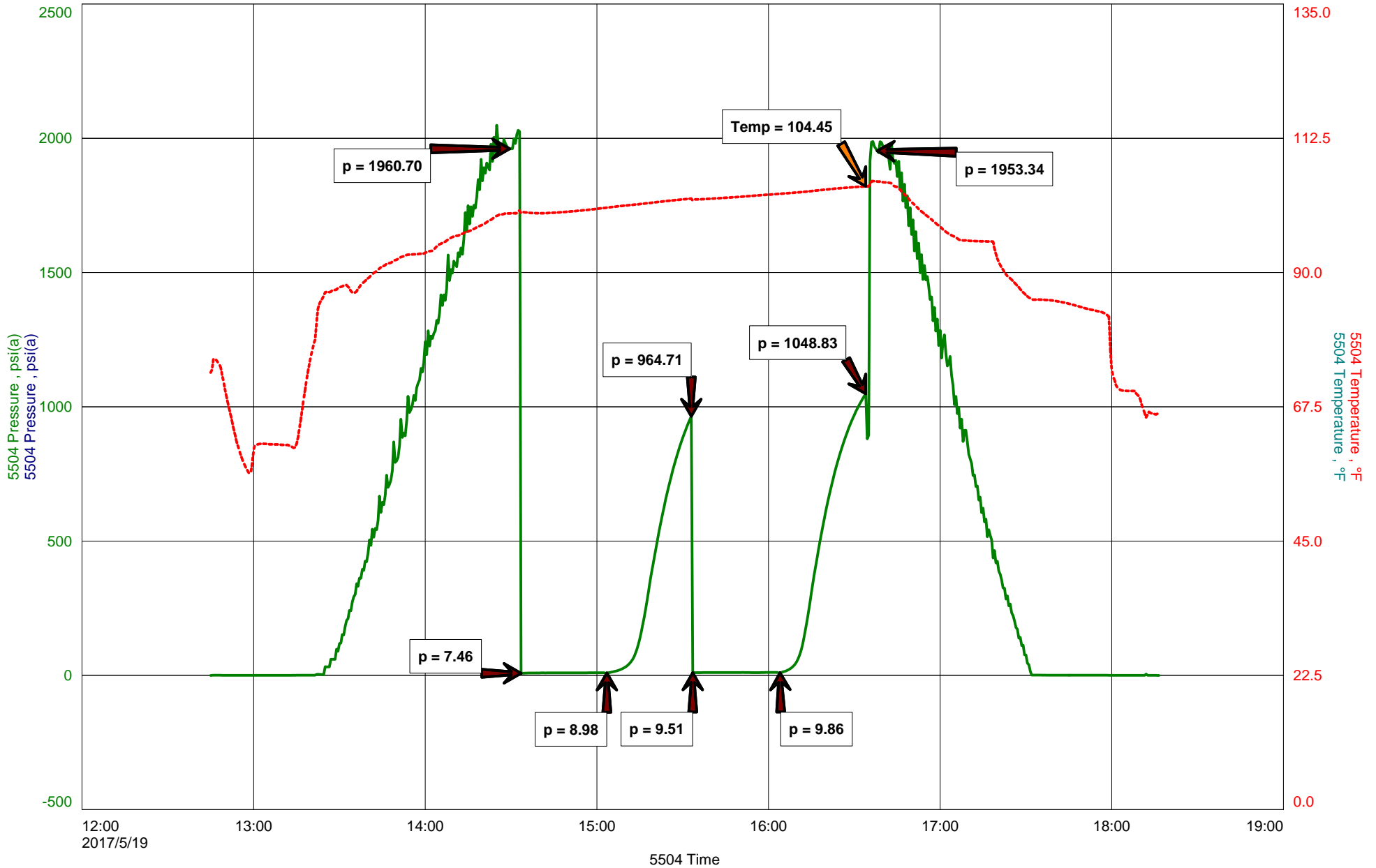
RECOVERED: 2' MUD

TOOL SAMPLE: OIL SPECKS, 100% MUD

RITHCIE EXPLORATION, INC.
DST #3, LANSING "E", 4156-4179
Start Test Date: 2017/05/19
Final Test Date: 2017/05/19

SCHROEDER 22C #1
Formation: DST #3, LANSING "E", 4156-4179
Pool: WILDCAT
Job Number: T611

SCHROEDER 22C #1





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

TIME ON: 12:45
 TIME OFF: 18:17

DRILL-STEM TEST TICKET
 FILE: SCHROEDER22C1DST3

Company RITCHIE EXPLORATION, INC. Lease & Well No. SCHROEDER 22C #1
 Contractor WW DRILLING, LLC RIG #10 Charge to RITCHIE EXPLORATION, INC.
 Elevation 3304 KB Formation LANSING "E" Effective Pay _____ Ft. Ticket No. T611
 Date 5-19-17 Sec. 22 Twp. _____ 15 S Range _____ 36 W County LOGAN State KANSAS
 Test Approved By MAX LOVELY Diamond Representative TIM VENTERS

Formation Test No. 3 Interval Tested from 4156 ft. to 4179 ft. Total Depth 4179 ft.
 Packer Depth 4151 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Packer Depth 4156 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4137 ft. Recorder Number 5504 Cap. 5,000 P.S.I.
 Bottom Recorder Depth (Outside) 4176 ft. Recorder Number 13819 Cap. 5,025 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 52 Drill Collar Length 118 ft. I.D. 2 1/4 in.
 Weight 9.1 Water Loss 8,4 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 3,500 P.P.M. Drill Pipe Length 4005 ft. I.D. 3 1/2 in.
 Jars: Make STERLING Serial Number 4 Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? NO Reversed Out NO Anchor Length 23 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: WEAK SURFACE BLOW THROUGHOUT PERIOD. (NO BB)
 2nd Open: VERY WEAK SURFACE BLOW, LASTING 2 MIN. (NO BB)

Recovered 2 ft. of MUD
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
TOOL SAMPLE: <u>OIL SPECKS, 100% MUD</u>	Total

Time Set Packer(s) 2:33 PM A.M. P.M. Time Started Off Bottom 4:33 PM A.M. P.M. Maximum Temperature 104 deg.

Initial Hydrostatic Pressure..... (A) 1961 P.S.I.
 Initial Flow Period..... Minutes 30 (B) 7 P.S.I. to (C) 9 P.S.I.
 Initial Closed In Period..... Minutes 30 (D) 965 P.S.I.
 Final Flow Period..... Minutes 30 (E) 10 P.S.I. to (F) 10 P.S.I.
 Final Closed In Period..... Minutes 30 (G) 1049 P.S.I.
 Final Hydrostatic Pressure..... (H) 1953 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.