

DIAMOND TESTING, LLC

TESTER : TIM VENTERS
CELL # 620-388-6333

General Information

Company Name	RITCHIE EXPLORATION, INC.	Job Number	T540
Contact	JUSTIN CLEGG	Representative	TIM VENTERS
Well Name	YORK 34D #1	Well Operator	RITCHIE EXPLORATION, INC.
Unique Well ID	DST #7, CHEROKEE, 4506-4611	Report Date	2016/06/27
Surface Location	SEC 34-17S-32W, SCOTT CO. KS.	Prepared By	TIM VENTERS
Well License Number			
Field	WILDCAT		
Well Type	Vertical		

Test Information

Test Type	CONVENTIONAL
Formation	DST #7, CHEROKEE, 4506-4611
Well Fluid Type	01 Oil
Test Purpose	Initial Test

Start Test Date	2016/06/26	Start Test Time	19:07:00
Final Test Date	2016/06/27	Final Test Time	01:20:00

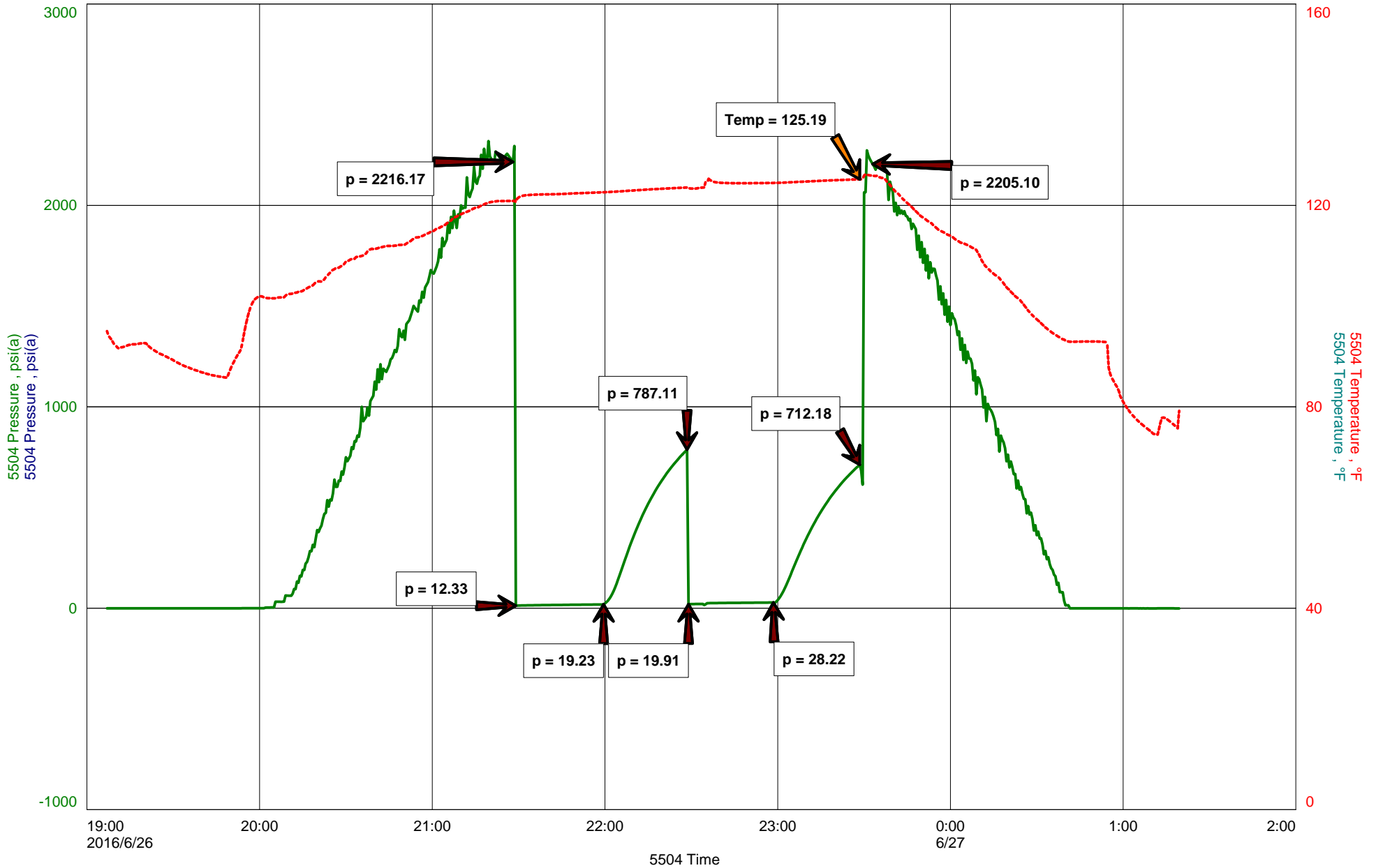
Gauge Name	5504
------------	------

Test Results

RECOVERED: 20' MUD

TOOL SAMPLE: TRACE OIL, 100% MUD

YORK 34D #1





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: YORK34D1DST7

TIME ON: 19:07 6-26-16
TIME OFF: 01:20 6-27-16

Company RITCHIE EXPLORATION, INC. Lease & Well No. YORK 34D #1
Contractor WW DRILLING, LLC RIG #2 Charge to RITCHIE EXPLORATION, INC.
Elevation 2985 KB Formation CHEROKEE Effective Pay _____ Ft. Ticket No. T540
Date 6-26-16 Sec. 34 Twp. 17 S Range 32 W County SCOTT State KANSAS
Test Approved By JOHN GOLDSMITH Diamond Representative TIM VENTERS

Formation Test No. 7 Interval Tested from 4506 ft. to 4611 ft. Total Depth 4611 ft.
Packer Depth 4501 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 4506 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
Top Recorder Depth (Inside) 4487 ft. Recorder Number 5504 Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 4608 ft. Recorder Number 11029 Cap. 5,025 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 64 Drill Collar Length 119 ft. I.D. 2 1/4 in.
Weight 9.3 Water Loss 8.8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 4,700 P.P.M. Drill Pipe Length 4354 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 42 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. ^{63' DP IN ANCHOR} Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: WEAK 1/4 INCH BLOW, DECREASING TO A SURFACE BLOW. (NO BB)
2nd Open: VERY WEAK SURFACE BLOW, LASTING 2 MIN. (NO BB)

Recovered 20 ft. of MUD
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____

Remarks: <u>WE FLUSHED TOOL 5 MIN. INTO FINAL FLOW AND GOT A WEAK SURFACE BLOW THAT LASTED 9 MIN.</u> <u>TOOL SAMPLE: TRACE OIL, 100% MUD</u>	Price Job
	Other Charges
	Insurance
	Total

Time Set Packer(s) 9:29 PM ^{A.M.}/_{P.M.} Time Started Off Bottom 11:29 PM ^{A.M.}/_{P.M.} Maximum Temperature 125 deg.

Initial Hydrostatic Pressure..... (A) 2216 P.S.I.
Initial Flow Period..... Minutes 30 (B) 12 P.S.I. to (C) 19 P.S.I.
Initial Closed In Period..... Minutes 30 (D) 787 P.S.I.
Final Flow Period..... Minutes 30 (E) 20 P.S.I. to (F) 28 P.S.I.
Final Closed In Period..... Minutes 30 (G) 712 P.S.I.
Final Hydrostatic Pressure..... (H) 2205 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.