

DIAMOND TESTING

General Information Report

General Information

Company Name RITCHIE EXPLORATION, INC.
Contact JUSTIN CLEGG
Well Name FORD FEED YARD #1
Unique Well ID DST #1, HUCK & MISS., 4928-4985
Surface Location SEC 29-27S-22W, FORD CO. KS.
Field WILDCAT
Well Type Vertical
Test Type CONVENTIONAL
Formation DST #1, HUCK & MISS., 4928-4985
Well Fluid Type 01 Oil

Start Test Date 2012/12/31
Final Test Date 2012/12/31

Representative TIM VENTERS
Well Operator RITCHIE EXPLORATION, INC.
Report Date 2012/12/31
Prepared By TIM VENTERS
Qualified By MAC ARMSTRONG

Start Test Time 02:06:00
Final Test Time 10:05:00

Test Recovery:

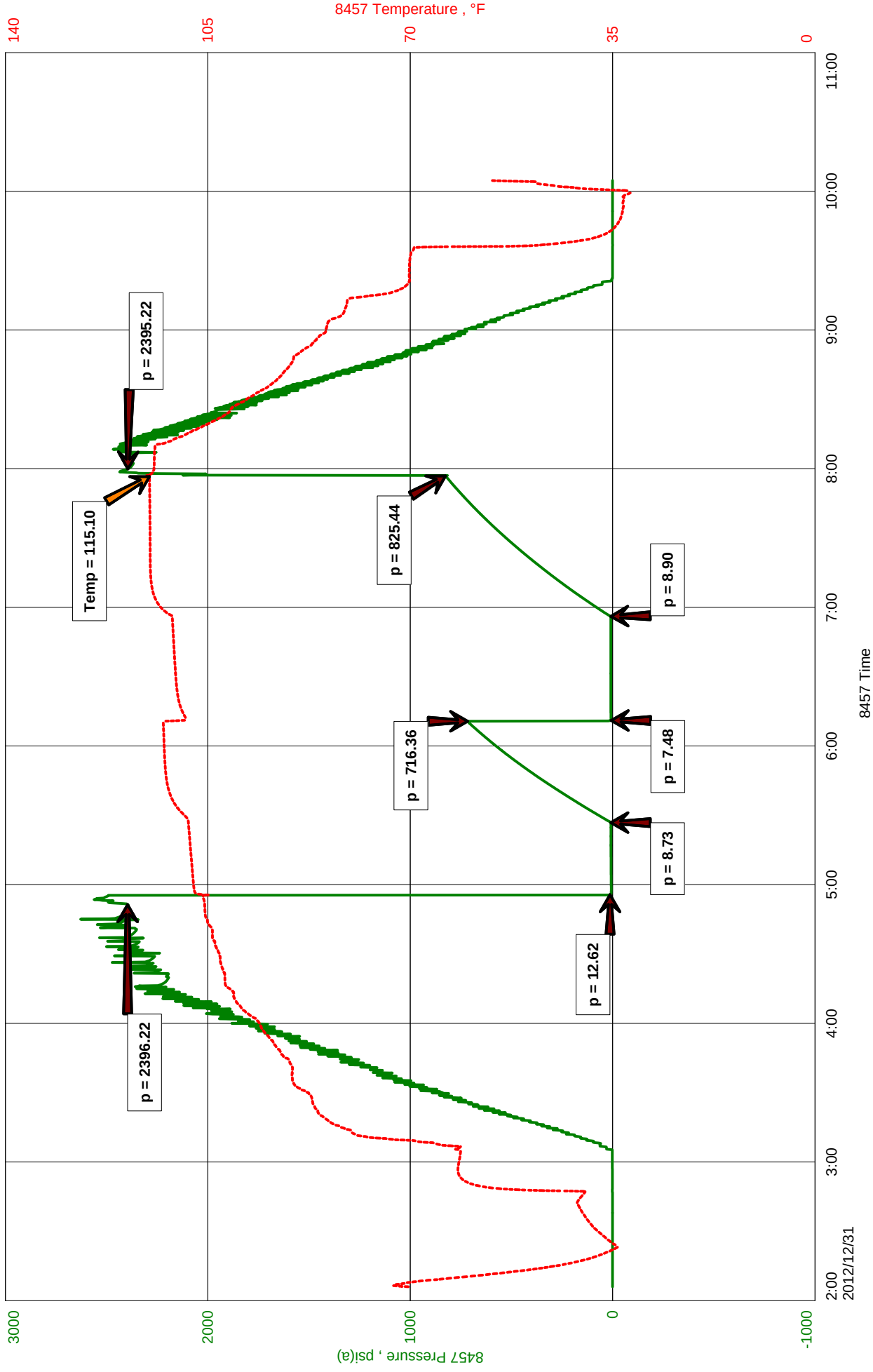
RECOVERED: 175' GAS IN PIPE
15' MUD

TOOL SAMPLE: 100% MUD

RITCHIE EXPLORATION, INC.
DST #1, HUCK & MISS., 4928-4985
Start Test Date: 2012/12/31
Final Test Date: 2012/12/31

FORD FEED YARD #1
Formation: DST #1, HUCK & MISS., 4928-4985
Pool: WILDCAT
Job Number: T143

FORD FEED YARD #1





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: FORDFEEDYARD1DST1

TIME ON: 02:06
TIME OFF: 10:05

Company RITCHIE EXPLORATION, INC. Lease & Well No. FORD FEED YARD #1
Contractor DUKE DRILLING CO., INC. RIG #1 Charge to RITCHIE EXPLORATION, INC.
Elevation 2382 KB Formation HUCK & MISS. Effective Pay _____ Ft. Ticket No. T143
Date 12-31-12 Sec. 29 Twp. 27 S Range 22 W County FORD State KANSAS
Test Approved By MAC ARMSTRONG Diamond Representative TIMOTHY T. VENTERS

Formation Test No. 1 Interval Tested from 4928 ft. to 4985 ft. Total Depth 4985 ft.
Packer Depth 4923 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 4928 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 4909 ft. Recorder Number 8457 Cap. 10,000 P.S.I.
Bottom Recorder Depth (Outside) 4982 ft. Recorder Number 11030 Cap. 5,025 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 51 Drill Collar Length _____ ft. I.D. 2 1/4 in.
Weight 9.15 Water Loss 9.6 cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
Chlorides 9,900 P.P.M. Drill Pipe Length 4895 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 25 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 1 INCH BLOW, BUILDING, REACHING BOB 17 MIN. (NOBB)
2nd Open: VERY STRONG BLOW, HITTING BOB INSTANTANEOUSLY. (NOBB)

Recovered 175 ft. of GAS IN PIPE

Recovered 15 ft. of MUD

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: _____

TOOL SAMPLE: 100% MUD

Time Set Packer(s) 4:55 AM A.M. P.M. Time Started Off Bottom 7:55 AM A.M. P.M. Maximum Temperature 115 deg.

Initial Hydrostatic Pressure _____ (A) 2396 P.S.I.

Initial Flow Period _____ Minutes 30 (B) 13 P.S.I. to (C) 9 P.S.I.

Initial Closed In Period _____ Minutes 45 (D) 716 P.S.I.

Final Flow Period _____ Minutes 45 (E) 7 P.S.I. to (F) 9 P.S.I.

Final Closed In Period _____ Minutes 60 (G) 825 P.S.I.

Final Hydrostatic Pressure _____ (H) 2395 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.

DIAMOND TESTING

General Information Report

General Information

Company Name RITCHIE EXPLORATION, INC.
Contact JUSTIN CLEGG
Well Name FORD FEED YARD #1
Unique Well ID DST #2, MISSISSIPPIAN, 4983-5021
Surface Location SEC 29-27S-22W, FORD CO. KS.
Field WILDCAT
Well Type Vertical
Test Type CONVENTIONAL
Formation DST #2, MISSISSIPPIAN, 4983-5021
Well Fluid Type 01 Oil

Start Test Date 2012/12/31
Final Test Date 2013/01/01

Representative TIM VENTERS
Well Operator RITCHIE EXPLORATION, INC.
Report Date 2013/01/01
Prepared By TIM VENTERS
Qualified By MAC ARMSTRONG

Start Test Time 19:46:00
Final Test Time 04:29:00

Test Recovery:

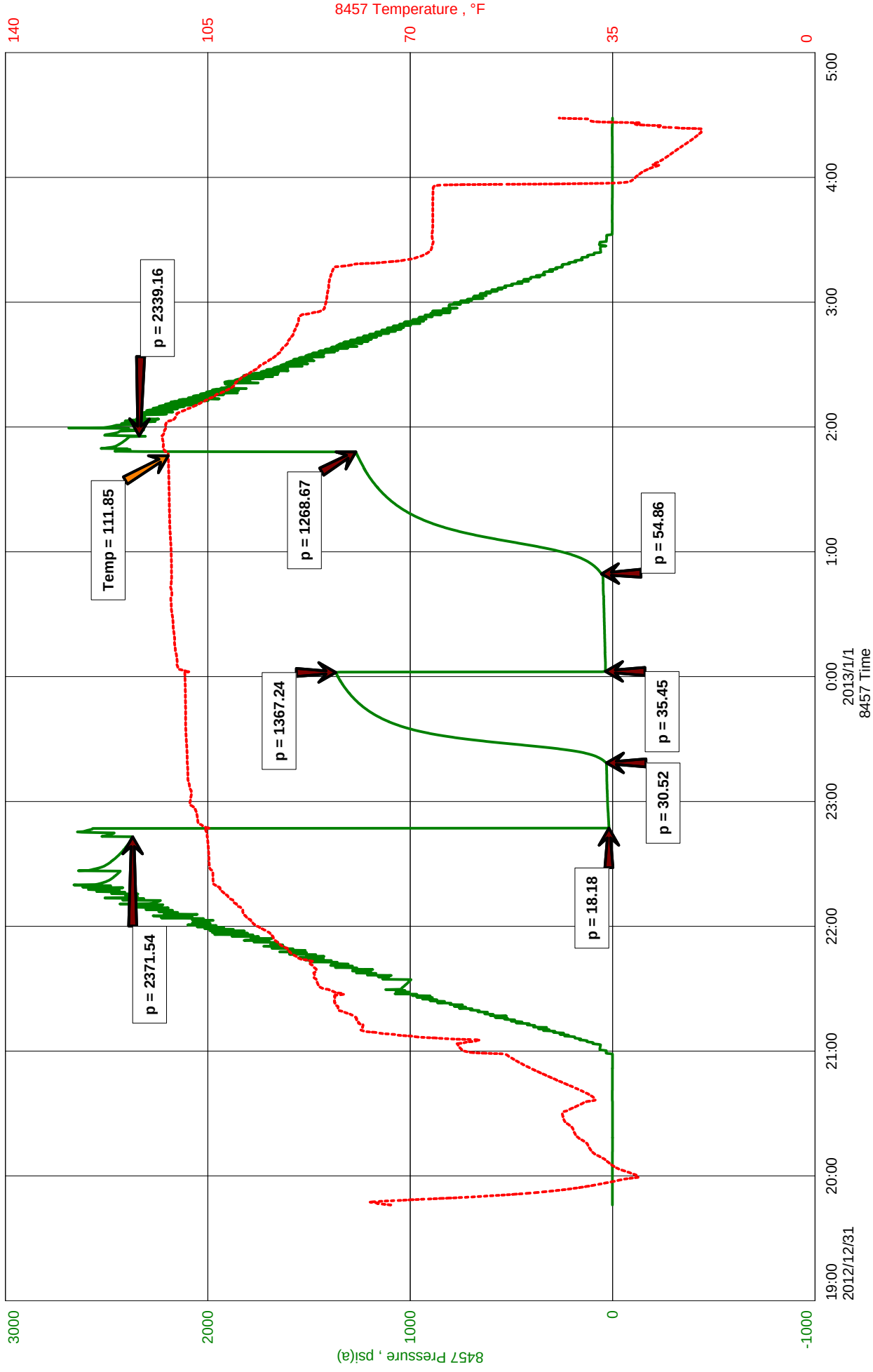
RECOVERED: 90' MUD

TOOL SAMPLE: TRACE OIL, 100% MUD

RITCHIE EXPLORATION, INC.
DST #2, MISSISSIPPIAN, 4983-5021
Start Test Date: 2012/12/31
Final Test Date: 2013/01/01

FORD FEED YARD #1
Formation: DST #2, MISSISSIPPIAN, 4983-5021
Pool: WILDCAT
Job Number: T144

FORD FEED YARD #1





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: FORDFEEDYARD1DST2

TIME ON: 19:46 12-31-12
TIME OFF: 04:29 1-1-13

Company RITCHIE EXPLORATION, INC. Lease & Well No. FORD FEED YARD #1
Contractor DUKE DRILLING CO., INC. RIG #1 Charge to RITCHIE EXPLORATION, INC.
Elevation 2382 KB Formation MISSISSIPPIAN Effective Pay _____ Ft. Ticket No. T144
Date 12-31-12 Sec. 29 Twp. 27 S Range 22 W County FORD State KANSAS
Test Approved By MAC ARMSTRONG Diamond Representative TIMOTHY T. VENTERS

Formation Test No. 2 Interval Tested from 4983 ft. to 5021 ft. Total Depth 5021 ft.
Packer Depth 4978 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 5018 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 4964 ft. Recorder Number 8457 Cap. 10,000 P.S.I.
Bottom Recorder Depth (Outside) 5018 ft. Recorder Number 11030 Cap. 5,025 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.
Mud Type CHEMICAL Viscosity 58 Drill Collar Length 0 ft. I.D. 2 1/4 in.
Weight 9.1 Water Loss 10.4 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 10,200 P.P.M. Drill Pipe Length 4950 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 38 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 BUILDING TO 2 INCHES. (NOBB)
2nd Open: VERY WEAK SURFACE BLOW, BUILDING TO 1 INCH. (NOBB)

Recovered 90 ft. of mud

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: _____

Price Job

Other Charges

Insurance

TOOL SAMPLE: TRACE OIL, 100% MUD

Total

Time Set Packer(s) 10:46 PM A.M. P.M. Time Started Off Bottom 1:46 AM A.M. P.M. Maximum Temperature 112 deg.

Initial Hydrostatic Pressure _____ (A) 2372 P.S.I.

Initial Flow Period _____ Minutes 30 (B) 18 P.S.I. to (C) 31 P.S.I.

Initial Closed In Period _____ Minutes 45 (D) 1367 P.S.I.

Final Flow Period _____ Minutes 45 (E) 35 P.S.I. to (F) 55 P.S.I.

Final Closed In Period _____ Minutes 60 (G) 1269 P.S.I.

Final Hydrostatic Pressure _____ (H) 2339 P.S.I.

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DIAMOND TESTING

General Information Report

General Information

Company Name RITCHIE EXPLORATION, INC.
Contact JUSTIN CLEGG
Well Name FORD FEED YARD #1
Unique Well ID DST #3, MISSISSIPPIAN, 5014-5075
Surface Location SEC 29-27S-22, FORD CO. KS.
Field WILDCAT
Well Type Vertical
Test Type CONVENTIONAL
Formation DST #3, MISSISSIPPIAN, 5014-5075
Well Fluid Type 01 Oil

Start Test Date 2013/01/01
Final Test Date 2013/01/02

Representative TIM VENTERS
Well Operator RITCHIE EXPLORATION, INC.
Report Date 2013/01/02
Prepared By TIM VENTERS
Qualified By MAC ARMSTRONG

Start Test Time 17:39:00
Final Test Time 02:20:00

Test Recovery:

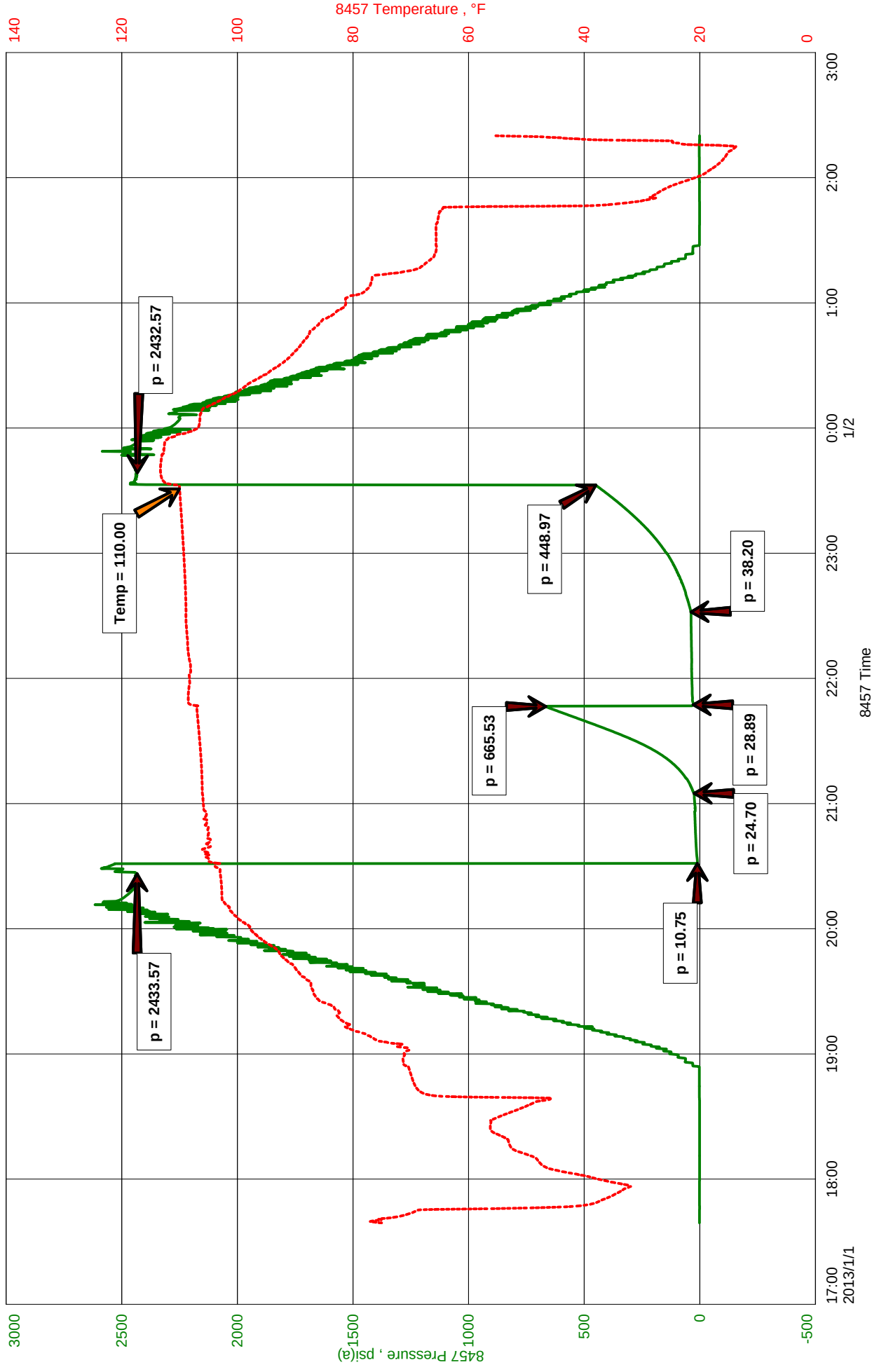
RECOVERED: 70' MUD

TOOL SAMPLE: TRACE OIL, 100% MUD

RITCHIE EXPLORATION, INC.
DST #3, MISSISSIPPIAN, 5014-5075
Start Test Date: 2013/01/01
Final Test Date: 2013/01/02

FORD FEED YARD #1
Formation: DST #3, MISSISSIPPIAN, 5014-5075
Pool: WILDCAT
Job Number: T145

FORD FEED YARD #1





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: FORDFEEDYARD1DST3

TIME ON: 17:39 1-1-13

TIME OFF: 02:20 1-2-13

Company RITCHIE EXPLORATION, INC. Lease & Well No. FORD FEED YARD #1
Contractor DUKE DRILLING CO., INC. RIG #1 Charge to RITCHIE EXPLORATION, INC.
Elevation 2382 KB Formation MISSISSIPPIAN Effective Pay _____ Ft. Ticket No. T145
Date 1-1-13 Sec. 29 Twp. 27 S Range 22 W County FORD State KANSAS
Test Approved By MAC ARMSTRONG Diamond Representative TIMOTHY T. VENTERS

Formation Test No. 3 Interval Tested from 5014 ft. to 5075 ft. Total Depth 5075 ft.
Packer Depth 5009 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 5014 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4995 ft. Recorder Number 8457 Cap. 10,000 P.S.I.
Bottom Recorder Depth (Outside) 5072 ft. Recorder Number 11030 Cap. 5,025 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.
Mud Type CHEMICAL Viscosity 67 Drill Collar Length 0 ft. I.D. 2 1/4 in.
Weight 9.3 Water Loss 14.4 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 10,000 P.P.M. Drill Pipe Length 4950 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 38 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. 31' DP IN ANCHOR Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: WEAK 1/4 INCH BLOW BUILDING TO 2 INCHES. (NOBB)

2nd Open: WEAK SURFACE BLOW, BUILDING TO 1/2 INCH. (NOBB)

Recovered 70 ft. of MUD

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: _____

Price Job

Other Charges

Insurance

TOOL SAMPLE: TRACE OIL, 100% MUD

Total

Time Set Packer(s) 8:31 PM A.M. P.M. Time Started Off Bottom 11:31 PM A.M. P.M. Maximum Temperature 110 deg.

Initial Hydrostatic Pressure..... (A) 2434 P.S.I.
Initial Flow Period..... Minutes 30 (B) 11 P.S.I. to (C) 25 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 665 P.S.I.
Final Flow Period..... Minutes 45 (E) 29 P.S.I. to (F) 38 P.S.I.
Final Closed In Period..... Minutes 60 (G) 449 P.S.I.
Final Hydrostatic Pressure..... (H) 2433 P.S.I.

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