

DIAMOND TESTING

General Information Report

General Information

Company Name RITCHIE EXPLORATION, INC.
Contact JUSTIN CLEGG
Well Name BODECKER 28 B #1
Unique Well ID DST #1, LANSING "E-F", 4115-4162
Surface Location SEC 28-17S-35W, WICHITA CO. KS.
Field WILDCAT
Well Type Vertical
Test Type CONVENTIONAL
Formation DST #1, LANSING "E-F", 4115-4162
Well Fluid Type 01 Oil

Representative TIM VENTERS
Well Operator RITCHIE EXPLORATION, INC.
Report Date 2014/05/06
Prepared By TIM VENTERS
Qualified By ADAM ELDANI

Start Test Date 2014/05/06
Final Test Date 2014/05/06

Start Test Time 05:08:00
Final Test Time 12:45:00

Test Recovery:

RECOVERED: 240' MCW, 75% WATER, 25% MUD
945' SMCW, 98% WATER, 2% MUD
1185' TOTAL FLUID

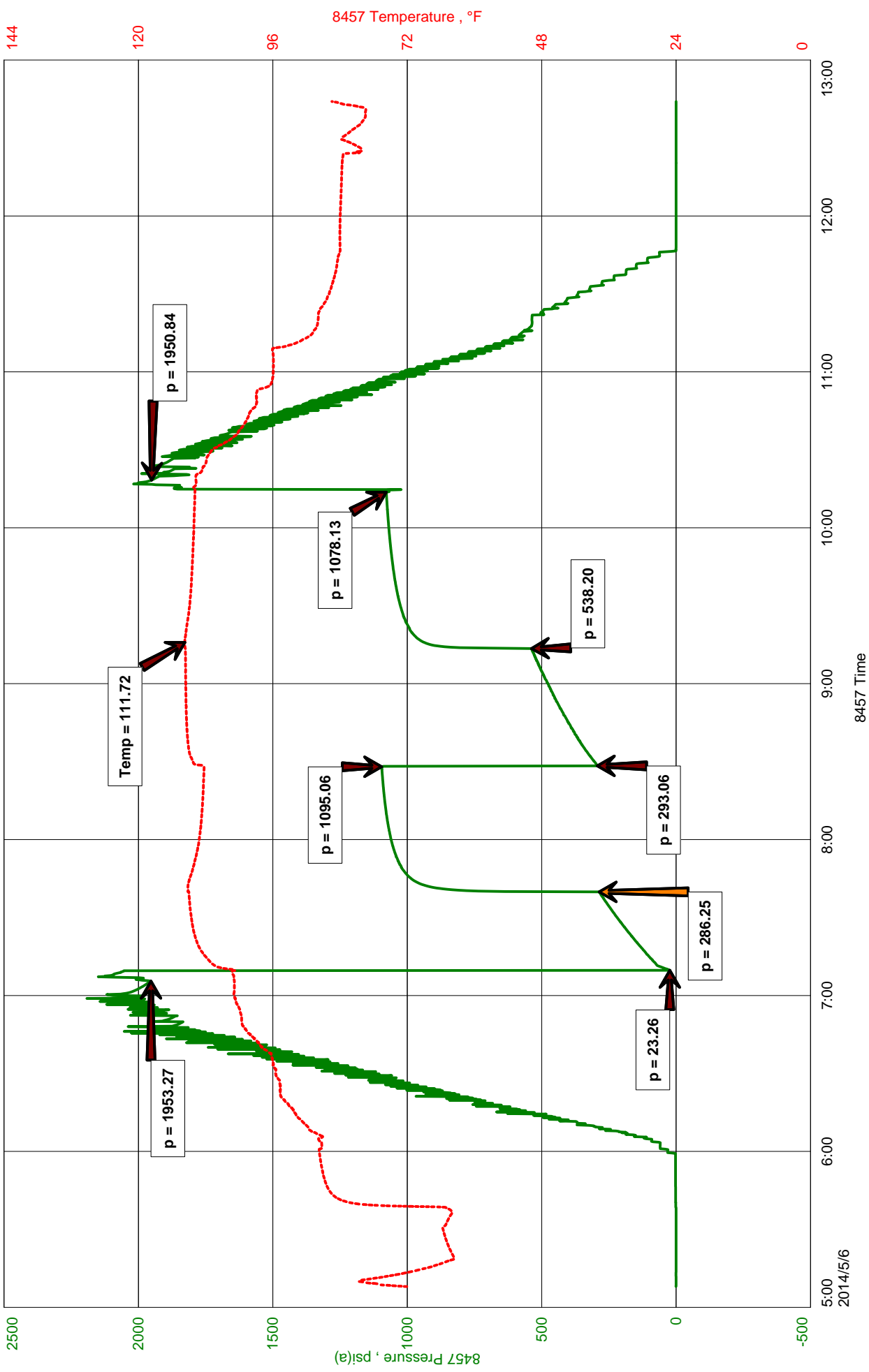
TOOL SAMPLE: SPOTTY OIL, 74% WATER, 26% MUD

CHLORIDES: 37,000 ppm
PH: 7.0
RW: .22 @ 74 deg.

RITCHIE EXPLORATION, INC.
DST #1, LANSING "E-F", 4115-4162
Start Test Date: 2014/05/06
Final Test Date: 2014/05/06

BODECKER 28 B #1
Formation: DST #1, LANSING "E-F", 4115-4162
Pool: WILDCAT
Job Number: T342

BODECKER 28 B #1





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: BODECKER28B1DST1

TIME ON: 05:08
TIME OFF: 12:45

Company RITCHIE EXPLORATION, INC. Lease & Well No. BODECKER 28 B #1
Contractor WW DRILLING, LLC RIG #2 Charge to RITCHIE EXPLORATION, INC.
Elevation 3214 KB Formation LANSING "E-F" Effective Pay _____ Ft. Ticket No. T342
Date 5-6-14 Sec. 28 Twp. _____ 17 S Range _____ 35 W County WICHITA State KANSAS
Test Approved By ADAM ELDANI Diamond Representative TIMOTHY T. VENTERS

Formation Test No. 1 Interval Tested from 4115 ft. to 4162 ft. Total Depth 4162 ft.
Packer Depth 4110 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 4115 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4096 ft. Recorder Number 8457 Cap. 10,000 P.S.I.
Bottom Recorder Depth (Outside) 4159 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 48 Drill Collar Length 124 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 6,500 P.P.M. Drill Pipe Length 3958 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number 2 Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 16 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 INCH BLOW, BUILDING, REACHING BOB 5 1/2 MIN. (NO BB)
2nd Open: WEAK SURFACE BLOW, BUILDING, REACHING BOB 7 MIN. (NO BB)

Recovered 240 ft. of MCW, 75% WATER, 25% MUD
Recovered 945 ft. of SMCW, 98% WATER, 2% MUD
Recovered 1185 ft. of TOTAL FLUID

| | |
|--|---------------|
| Recovered _____ ft. of _____ | Price Job |
| Recovered _____ ft. of _____ | Other Charges |
| Recovered _____ ft. of _____ | Insurance |
| Remarks: _____ | |
| TOOL SAMPLE: <u>SPOTTY OIL, 74% WATER, 26% MUD</u> | Total |

Time Set Packer(s) 7:09 AM ^{A.M.} P.M. Time Started Off Bottom 10:13 AM ^{A.M.} P.M. Maximum Temperature 112 deg.

Initial Hydrostatic Pressure..... (A) 1953 P.S.I.
Initial Flow Period..... Minutes 30 (B) 23 P.S.I. to (C) 286 P.S.I.
Initial Closed In Period..... Minutes 49 (D) 1095 P.S.I.
Final Flow Period..... Minutes 45 (E) 293 P.S.I. to (F) 538 P.S.I.
Final Closed In Period..... Minutes 60 (G) 1078 P.S.I.
Final Hydrostatic Pressure..... (H) 1951 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 BODECKER 28B #1
Unique Well ID DST #2, LANSING "H,I,J", 4239-4350
Surface Location SEC 28-17S-35W, WICHITA CO. KS.
Field WILDCAT
Well Type Vertical
Test Type CONVENTIONAL
Formation DST #2, LANSING "H,I,J", 4239-4350
Well Fluid Type 01 Oil

Representative TIM VENTERS
Well Operator RITCHIE EXPLORATION, INC.
Report Date 2014/05/07
Prepared By TIM VENTERS
Qualified By ADAM ELDANI

Start Test Date 2014/05/07
Final Test Date 2014/05/07

Start Test Time 10:12:00
Final Test Time 18:03:00

Test Recovery:

RECOVERED: 50' MUD
250' WCM, 36% WATER, 64% MUD
1325' MCW, 66% WATER, 34% MUD
565' SMCW, 88% WATER, 12% MUD
2190' TOTAL FLUID

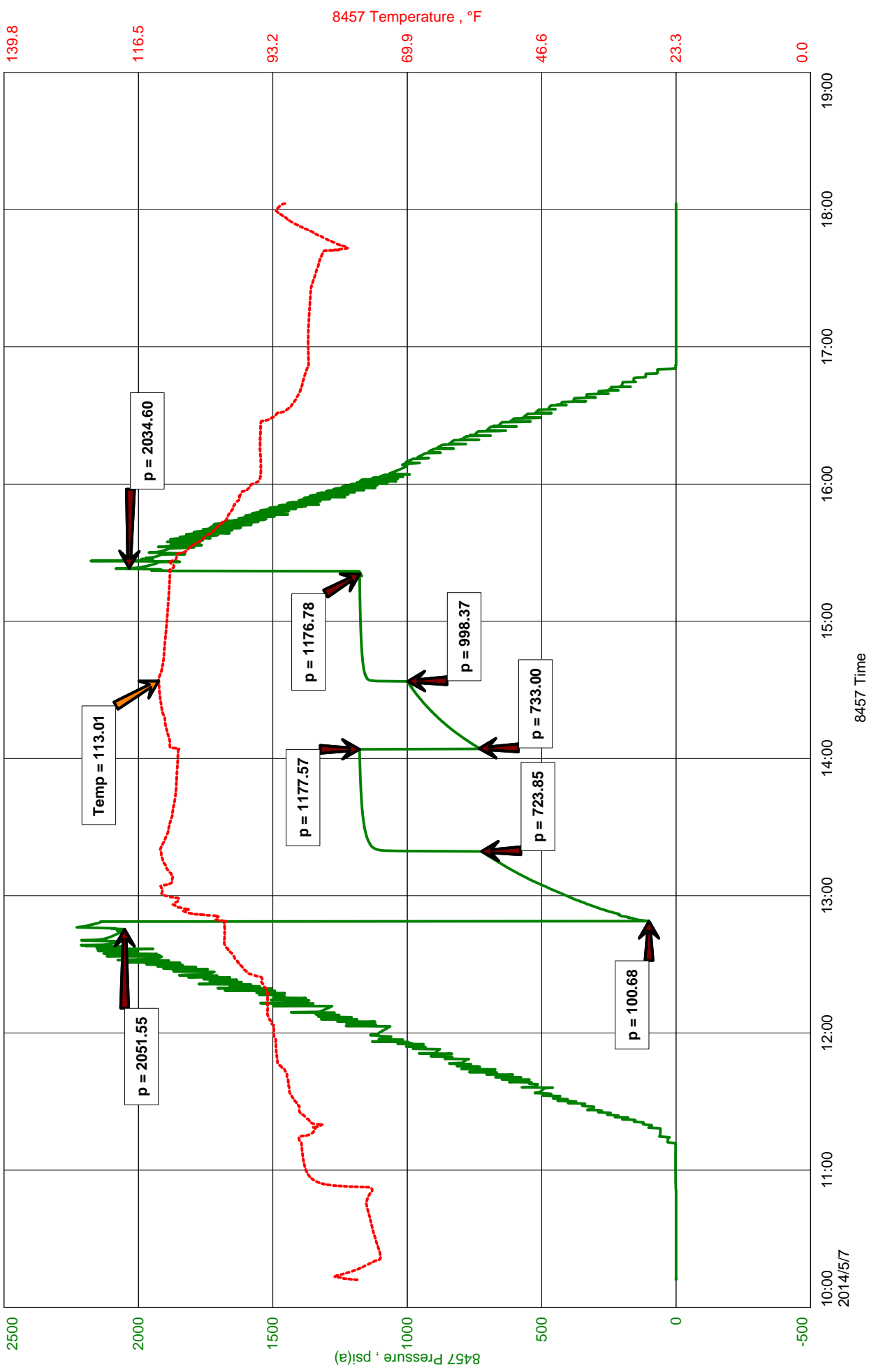
TOOL SAMPLE: 100% WATER

CHLORIDES: 27,000 ppm
PH: 7.5
RW: .23 @ 82 deg.

RITCHE EXPLORATION, INC.
DST #2, LANSING "H,I,J", 4239-4350
Start Test Date: 2014/05/07
Final Test Date: 2014/05/07

BODECKER 28B #1
Formation: DST #2, LANSING "H,I,J", 4239-4350
Pool: WILDCAT
Job Number: T343

BODECKER 28B #1





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: BODECKER28B1DST2

TIME ON: 10:12
TIME OFF: 18:03

Company RITCHIE EXPLORATION, INC. Lease & Well No. BODECKER 28 B #1
Contractor WW DRILLING, LLC RIG #2 Charge to RITCHIE EXPLORATION, INC.
Elevation 3214 KB Formation LANSING "H,I,J" Effective Pay _____ Ft. Ticket No. T343
Date 5-7-14 Sec. 28 Twp. _____ 17 S Range _____ 35 W County WICHITA State KANSAS
Test Approved By ADAM ELDANI Diamond Representative TIMOTHY T. VENTERS

Formation Test No. 2 Interval Tested from 4239 ft. to 4350 ft. Total Depth 4350 ft.
Packer Depth 4234 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 4239 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
Top Recorder Depth (Inside) 4220 ft. Recorder Number 8457 Cap. 10,000 P.S.I.
Bottom Recorder Depth (Outside) 4347 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 60 Drill Collar Length 124 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 8,000 P.P.M. Drill Pipe Length 4082 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number 2 Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 16 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. ^{95' DP IN ANCHOR} Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: GOOD 2 INCH BLOW, BUILDING, REACHING BOB 2 MIN. (NO BB)
2nd Open: WEAK 1/2 INCH BLOW, BUILDING, REACHING BOB 3 MIN. (NO BB)

Recovered 50 ft. of MUD
Recovered 250 ft. of WCM, 36% WATER, 64% MUD
Recovered 1325 ft. of MCW, 66% WATER, 34% MUD
Recovered 565 ft. of SMCW, 88% WATER, 12% MUD

| | |
|---|---------------|
| Recovered <u>2190</u> ft. of <u>TOTAL FLUID</u> | Price Job |
| Recovered _____ ft. of _____ | Other Charges |
| Remarks: _____ | Insurance |
| _____ | Total |

TOOL SAMPLE: 100% WATER
Time Set Packer(s) 12:48 PM A.M. P.M. Time Started Off Bottom 3:18 PM A.M. P.M. Maximum Temperature 113 deg.

Initial Hydrostatic Pressure..... (A) 2052 P.S.I.
Initial Flow Period..... Minutes 30 (B) 101 P.S.I. to (C) 724 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 1178 P.S.I.
Final Flow Period..... Minutes 30 (E) 733 P.S.I. to (F) 998 P.S.I.
Final Closed In Period..... Minutes 45 (G) 1177 P.S.I.
Final Hydrostatic Pressure..... (H) 2035 P.S.I.

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DIAMOND TESTING

General Information Report

General Information

Company Name RITCHIE EXPLORATION, INC.
Contact JUSTIN CLEGG
Well Name BODECKER 28B #1
Unique Well ID DST #3, LANSING "L", 4382-4422
Surface Location SEC 28-17S-35W, WICHITA CO. KS.
Field WILDCAT
Well Type Vertical
Test Type CONVENTIONAL
Formation DST #3, LANSING "L", 4382-4422
Well Fluid Type 01 Oil

Representative TIM VENTERS
Well Operator RITCHIE EXPLORATION, INC.
Report Date 2014/05/08
Prepared By TIM VENTERS
Qualified By ADAM ELDANI

Start Test Date 2014/05/08
Final Test Date 2014/05/08

Start Test Time 04:32:00
Final Test Time 11:54:00

Test Recovery:

RECOVERED: 75' MUD
60' WCM, 28% WATER, 72% MUD
135' TOTAL FLUID

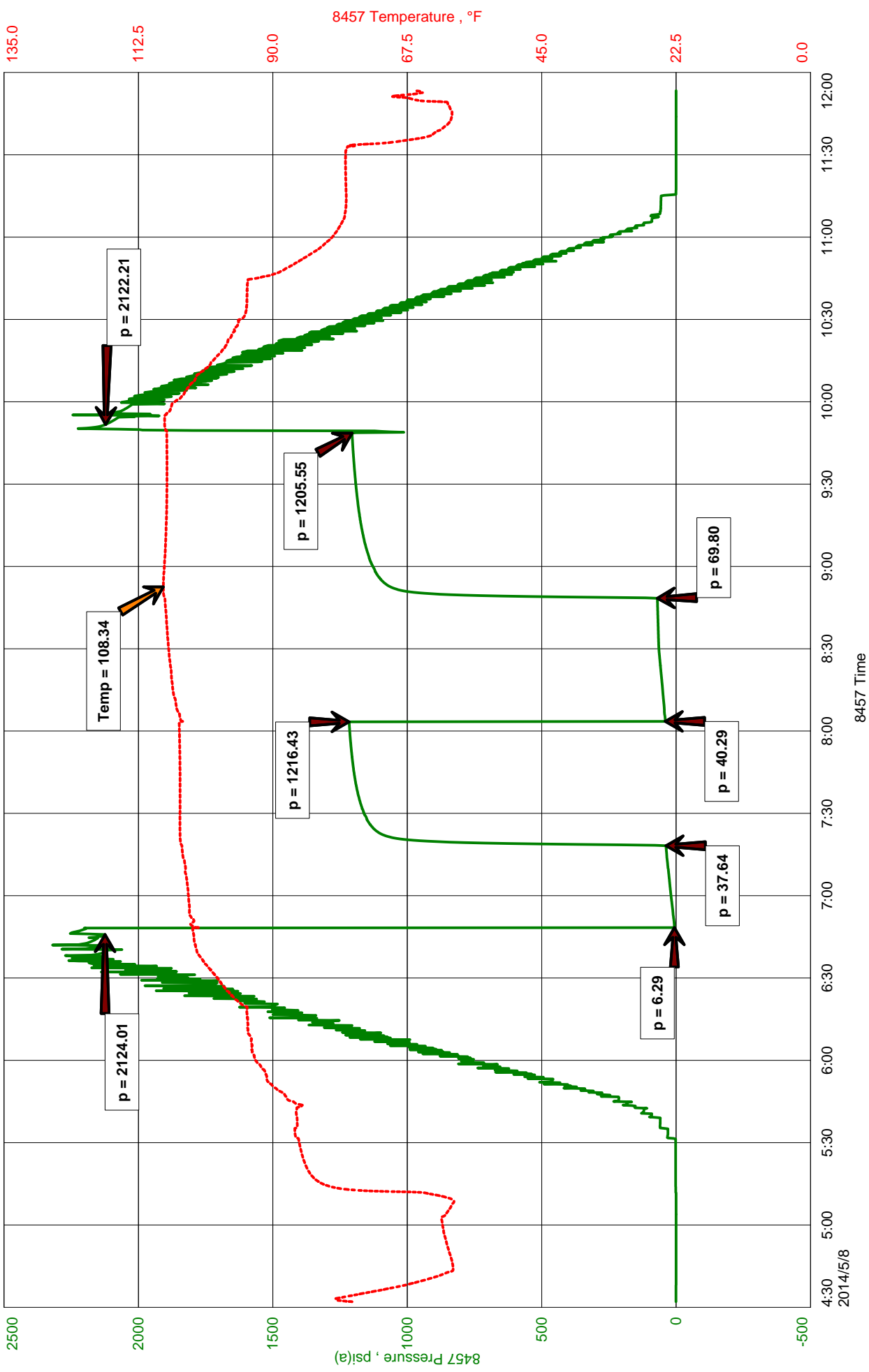
TOOL SAMPLE: SPOTTY OIL, 16% WATER, 84% MUD

CHLORIDES: 19,000 ppm
PH: 7.5
RW: .38 @ 68 deg.

RITCHIE EXPLORATION, INC.
DST #3, LANSING "L", 4382-4422
Start Test Date: 2014/05/08
Final Test Date: 2014/05/08

BODECKER 28B #1
Formation: DST #3, LANSING "L", 4382-4422
Pool: WILDCAT
Job Number: T344

BODECKER 28B #1





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: BODECKER28B1DST3

TIME ON: 04:32
TIME OFF: 11:54

Company RITCHIE EXPLORATION, INC. Lease & Well No. BODECKER 28 B #1
Contractor WW DRILLING, LLC RIG #2 Charge to RITCHIE EXPLORATION, INC.
Elevation 3214 KB Formation LANSING "L" Effective Pay _____ Ft. Ticket No. T344
Date 5-8-14 Sec. 28 Twp. 17 S Range 35 W County WICHITA State KANSAS
Test Approved By ADAM ELDANI Diamond Representative TIMOTHY T. VENTERS

Formation Test No. 3 Interval Tested from 4382 ft. to 4422 ft. Total Depth 4422 ft.
Packer Depth 4377 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 4382 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
Top Recorder Depth (Inside) 4363 ft. Recorder Number 8457 Cap. 10,000 P.S.I.
Bottom Recorder Depth (Outside) 4419 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 52 Drill Collar Length 124 ft. I.D. 2 1/4 in.
Weight 9.4 Water Loss 9.6 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 8,500 P.P.M. Drill Pipe Length 4225 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number 2 Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 40 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. (NO BB)
2nd Open: VERY WEAK SURFACE BLOW, BUILDING TO 1 1/2 INCHES. (NO BB)

Recovered 75 ft. of MUD
Recovered 60 ft. of WCM, 28% WATER, 72% MUD
Recovered 135 ft. of TOTAL FLUID

| | |
|--|---------------|
| Recovered _____ ft. of _____ | Price Job |
| Recovered _____ ft. of _____ | Other Charges |
| Recovered _____ ft. of _____ | Insurance |
| Remarks: _____ | |
| _____ | |
| TOOL SAMPLE: <u>SPOTTY OIL, 16% WATER, 84% MUD</u> | Total |

Time Set Packer(s) 6:48 AM A.M. P.M. Time Started Off Bottom 9:48 AM A.M. P.M. Maximum Temperature 108 deg.

Initial Hydrostatic Pressure..... (A) 2124 P.S.I.
Initial Flow Period..... Minutes 30 (B) 6 P.S.I. to (C) 38 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 1216 P.S.I.
Final Flow Period..... Minutes 45 (E) 40 P.S.I. to (F) 70 P.S.I.
Final Closed In Period..... Minutes 60 (G) 1206 P.S.I.
Final Hydrostatic Pressure..... (H) 2122 P.S.I.

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DIAMOND TESTING

General Information Report

General Information

Company Name RITCHIE EXPLORATION, INC.
Contact JUSTIN CLEGG
Well Name BODECKER 28B #1
Unique Well ID DST #4, REMINGTON, 4431-4455
Surface Location SEC 28-17S-35W, WICHITA CO. KS.
Field WILDCAT
Well Type Vertical
Test Type CONVENTIONAL
Formation DST #4, REMINGTON, 4431-4455
Well Fluid Type 01 Oil

Representative TIM VENTERS
Well Operator RITCHIE EXPLORATION, INC.
Report Date 2014/05/09
Prepared By TIM VENTERS
Qualified By ADAM ELDANI

Start Test Date 2014/05/08
Final Test Date 2014/05/09

Start Test Time 18:57:00
Final Test Time 01:59:00

Test Recovery:

RECOVERED: 100' VHMCW, 52% WATER, 48% MUD
125' MCW, 81% WATER, 19% MUD
225' TOTAL FLUID

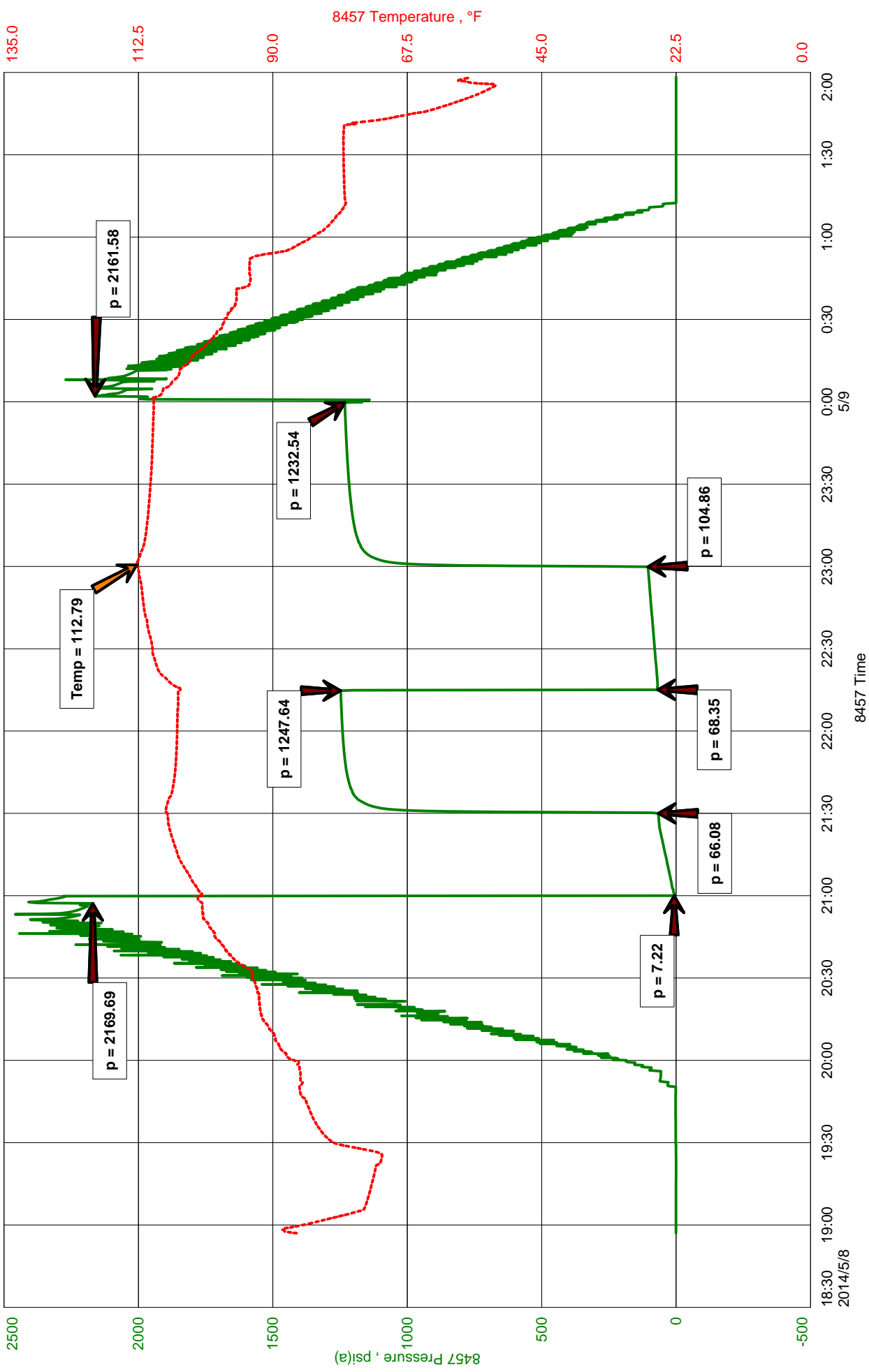
TOOL SAMPLE: 33% WATER, 67% MUD

CHLORIDES: 30,000 ppm
PH: 7.5
RW: .33 @ 66 deg.

RITCHIE EXPLORATION, INC.
 DST #4, REMINGTON, 4431-4455
 Start Test Date: 2014/05/08
 Final Test Date: 2014/05/09

BODECKER 28B #1
 Formation: DST #4, REMINGTON, 4431-4455
 Pool: WILDCAT
 Job Number: T345

BODECKER 28B #1





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: BODECKER28B1DST4

TIME ON: 18:57 5-8-14
TIME OFF: 01:59 5-9-14

Company RITCHIE EXPLORATION, INC. Lease & Well No. BODECKER 28 B #1
Contractor WW DRILLING, LLC RIG #2 Charge to RITCHIE EXPLORATION, INC.
Elevation 3214 KB Formation REMINGTON Effective Pay _____ Ft. Ticket No. T345
Date 5-8-14 Sec. 28 Twp. 17 S Range 35 W County WICHITA State KANSAS
Test Approved By ADAM ELDANI Diamond Representative TIMOTHY T. VENTERS

Formation Test No. 4 Interval Tested from 4431 ft. to 4455 ft. Total Depth 4455 ft.
Packer Depth 4426 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 4431 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
Top Recorder Depth (Inside) 4412 ft. Recorder Number 8457 Cap. 10,000 P.S.I.
Bottom Recorder Depth (Outside) 4452 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 52 Drill Collar Length 124 ft. I.D. 2 1/4 in.
Weight 9.4 Water Loss 9.6 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 8,500 P.P.M. Drill Pipe Length 4279 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number STY. JT. Test Tool Length 28 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 24 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 4 1/2 INCHES. (WS BB)
2nd Open: WEAK SURFACE BLOW, BUILDING TO 6 INCHES. (NO BB)

Recovered 100 ft. of VHMCW, 52% WATER, 48% MUD
Recovered 125 ft. of MCW, 81% WATER, 19% MUD
Recovered 225 ft. of TOTAL FLUID

| | |
|--|---------------|
| Recovered _____ ft. of _____ | Price Job |
| Recovered _____ ft. of _____ | Other Charges |
| Recovered _____ ft. of _____ | Insurance |
| Remarks: _____ | |
| TOOL SAMPLE: <u>33% WATER, 67% MUD</u> | Total |

Time Set Packer(s) 8:59 PM A.M. P.M. Time Started Off Bottom 11:59 PM A.M. P.M. Maximum Temperature 113 deg.

Initial Hydrostatic Pressure..... (A) 2170 P.S.I.
Initial Flow Period..... Minutes 30 (B) 7 P.S.I. to (C) 66 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 1248 P.S.I.
Final Flow Period..... Minutes 45 (E) 68 P.S.I. to (F) 105 P.S.I.
Final Closed In Period..... Minutes 60 (G) 1233 P.S.I.
Final Hydrostatic Pressure..... (H) 2162 P.S.I.

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DIAMOND TESTING

General Information Report

General Information

Company Name RITCHIE EXPLORATION, INC.
Contact JUSTIN CLEGG
Well Name BODECKER 28B #1
Unique Well ID DST #5, MARMATON, 4457-4546
Surface Location SEC 28-17S-35W, WICHITA CO. KS.
Field WILDCAT
Well Type Vertical
Test Type CONVENTIONAL
Formation DST #5, MARMATON, 4457-4546
Well Fluid Type 01 Oil

Representative TIM VENTERS
Well Operator RITCHIE EXPLORATION, INC.
Report Date 2014/05/09
Prepared By TIM VENTERS
Qualified By ADAM ELDANI

Start Test Date 2014/05/09
Final Test Date 2014/05/09

Start Test Time 15:01:00
Final Test Time 21:47:00

Test Recovery:

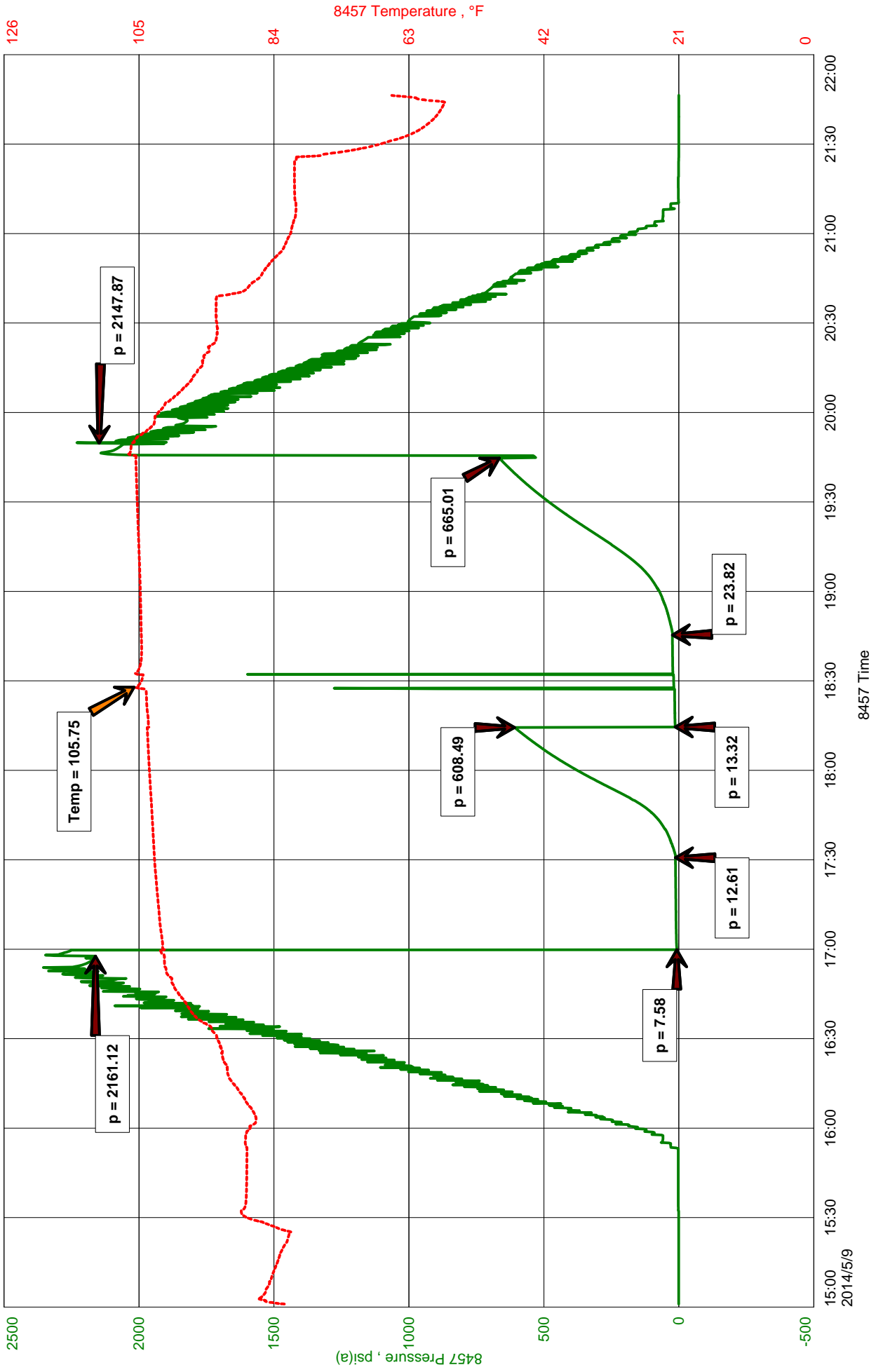
RECOVERED: 10' MUD

TOOL SAMPLE: 100% MUD

RITCHIE EXPLORATION, INC.
DST #5, MARMATON, 4457-4546
Start Test Date: 2014/05/09
Final Test Date: 2014/05/09

BODECKER 28B #1
Formation: DST #5, MARMATON, 4457-4546
Pool: WILDCAT
Job Number: T346

BODECKER 28B #1





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: BODECKER28B1DST5

TIME ON: 15:01
TIME OFF: 21:47

Company RITCHIE EXPLORATION, INC. Lease & Well No. BODECKER 28 B #1
Contractor WW DRILLING, LLC RIG #2 Charge to RITCHIE EXPLORATION, INC.
Elevation 3214 KB Formation MARMATON Effective Pay _____ Ft. Ticket No. T346
Date 5-9-14 Sec. 28 Twp. _____ 17 S Range _____ 35 W County WICHITA State KANSAS
Test Approved By ADAM ELDANI Diamond Representative TIMOTHY T. VENTERS

Formation Test No. 5 Interval Tested from 4457 ft. to 4546 ft. Total Depth 4546 ft.
Packer Depth 4452 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 4457 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4443 ft. Recorder Number 8457 Cap. 10,000 P.S.I.
Bottom Recorder Depth (Outside) 4543 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 53 Drill Collar Length 124 ft. I.D. 2 1/4 in.
Weight 9.1 Water Loss 9.6 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 9,000 P.P.M. Drill Pipe Length 4305 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number STY. JT. Test Tool Length 28 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. ^{64' DP IN ANCHOR} Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: WEAK SURFACE BLOW, BUILDING TO 1/4 INCH. (NO BB)
2nd Open: NO BLOW EXCEPT FOR 30 SEC. AFTER WE FLUSHED TOOL (15 MIN.) (NO BB)

Recovered 10 ft. of MUD
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____

Remarks: WE FLUSHED TOOL 15 MIN. INTO PERIOD AND GOT A SURFACE BLOW
LASTING 30 SEC.
TOOL SAMPLE: 100% MUD

Time Set Packer(s) 4:59 PM ^{A.M.}/_{P.M.} Time Started Off Bottom 7:44 PM ^{A.M.}/_{P.M.} Maximum Temperature 106 deg.

Initial Hydrostatic Pressure..... (A) 2161 P.S.I.
Initial Flow Period..... Minutes 30 (B) 8 P.S.I. to (C) 13 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 608 P.S.I.
Final Flow Period..... Minutes 30 (E) 13 P.S.I. to (F) 24 P.S.I.
Final Closed In Period..... Minutes 60 (G) 665 P.S.I.
Final Hydrostatic Pressure..... (H) 2148 P.S.I.

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DIAMOND TESTING

General Information Report

General Information

Company Name RITCHIE EXPLORATION, INC.
Contact JUSTIN CLEGG
Well Name BODECKER 28B #1
Unique Well ID DST #6, PAWNEE, 4579-4655
Surface Location SEC 28-17S-35W, WICHITA CO. KS.
Field WILDCAT
Well Type Vertical
Test Type CONVENTIONAL
Formation DST #6, PAWNEE, 4579-4655
Well Fluid Type 01 Oil

Representative TIM VENTERS
Well Operator RITCHIE EXPLORATION, INC.
Report Date 2014/05/10
Prepared By TIM VENTERS
Qualified By ADAM ELDANI

Start Test Date 2014/05/10
Final Test Date 2014/05/10

Start Test Time 13:10:00
Final Test Time 19:23:00

Test Recovery:

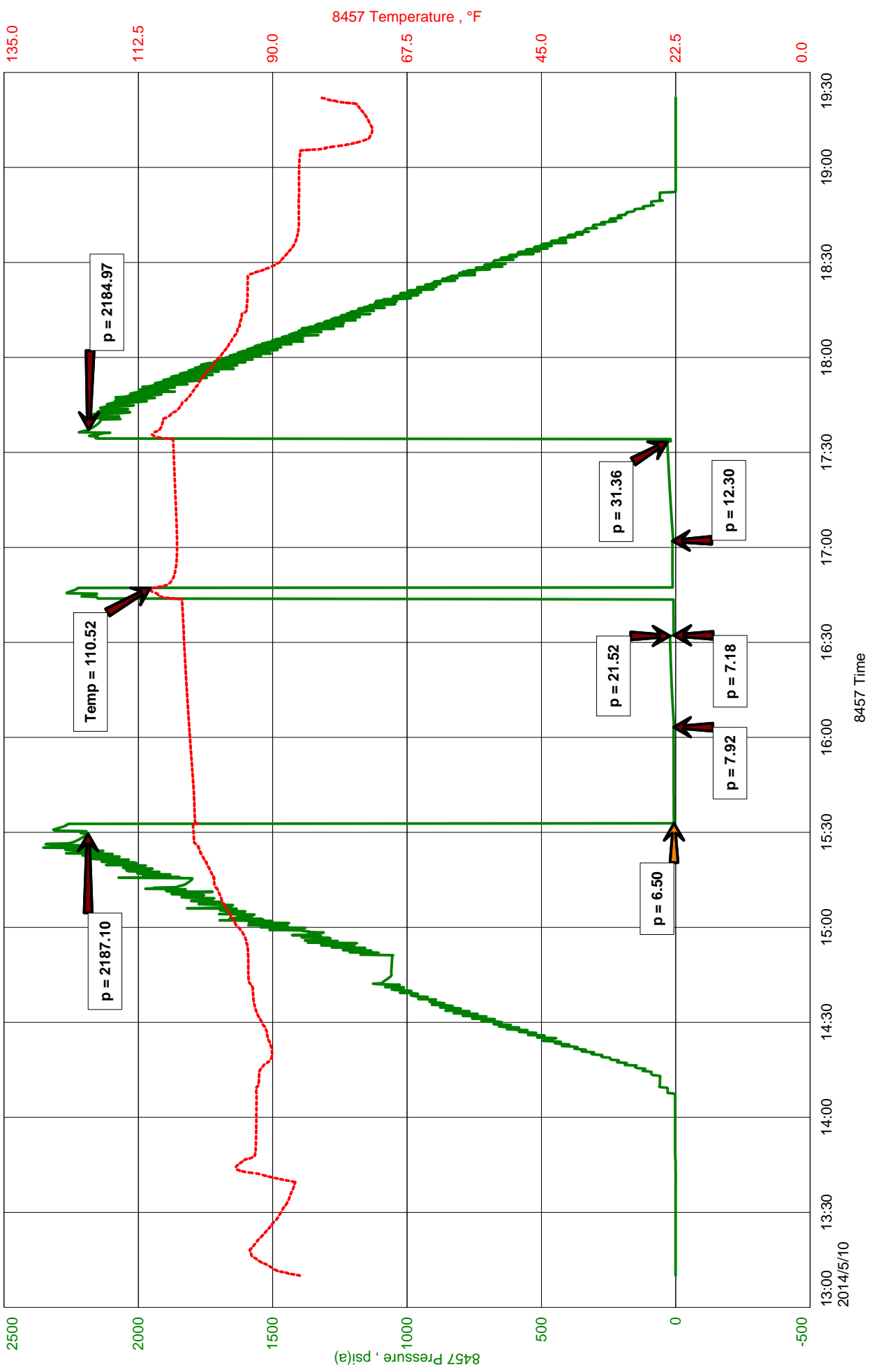
RECOVERED: 5' MUD

TOOL SAMPLE: 100% MUD

RITCHIE EXPLORATION, INC.
 DST #6, PAWNEE, 4579-4655
 Start Test Date: 2014/05/10
 Final Test Date: 2014/05/10

BODECKER 28B #1
 Formation: DST #6, PAWNEE, 4579-4655
 Pool: WILDCAT
 Job Number: T347

BODECKER 28B #1





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: BODECKER28B1DST6

TIME ON: 13:10
TIME OFF: 19:23

Company RITCHIE EXPLORATION, INC. Lease & Well No. BODECKER 28 B #1
Contractor WW DRILLING, LLC RIG #2 Charge to RITCHIE EXPLORATION, INC.
Elevation 3214 KB Formation PAWNEE Effective Pay _____ Ft. Ticket No. T347
Date 5-10-14 Sec. 28 Twp. 17 S Range 35 W County WICHITA State KANSAS
Test Approved By ADAM ELDANI Diamond Representative TIMOTHY T. VENTERS

Formation Test No. 6 Interval Tested from 4579 ft. to 4655 ft. Total Depth 4655 ft.
Packer Depth 4574 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 4579 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4565 ft. Recorder Number 8457 Cap. 10,000 P.S.I.
Bottom Recorder Depth (Outside) 4652 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 68 Drill Collar Length 124 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 9,500 P.P.M. Drill Pipe Length 4427 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number STY. JT. Test Tool Length 28 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 45 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 SURFACE BLOW LASTING 3 MIN. (NO BB)
2nd Open: NO BLOW THROUGHOUT PERIOD. (NO BB)

Recovered 5 ft. of MUD
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____

| | |
|---|---------------|
| Remarks: <u>WE FLUSHED TOOL 10 MIN. INTO FINAL FLOW PERIOD AND JUST GOT THE SURGE BLOW.</u> | Price Job |
| <u>TOOL SAMPLE: 100% MUD</u> | Other Charges |
| | Insurance |
| | Total |

Time Set Packer(s) 3:32 PM ^{A.M.}/_{P.M.} Time Started Off Bottom 5:32 PM ^{A.M.}/_{P.M.} Maximum Temperature 111 deg.

Initial Hydrostatic Pressure..... (A) 2187 P.S.I.
Initial Flow Period..... Minutes 30 (B) 7 P.S.I. to (C) 8 P.S.I.
Initial Closed In Period..... Minutes 30 (D) 22 P.S.I.
Final Flow Period..... Minutes 30 (E) 7 P.S.I. to (F) 12 P.S.I.
Final Closed In Period..... Minutes 30 (G) 31 P.S.I.
Final Hydrostatic Pressure..... (H) 2185 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.