

# DIAMOND TESTING

## General Information Report

### General Information

**Company Name** RITCHIE EXPLORATION, INC.  
**Contact** JUSTIN CLEGG  
**Well Name** EDWARDS 17B #1  
**Unique Well ID** DST #1, TOPEKA, 3959-3976  
**Surface Location** SEC 17-15S-35W, LOGAN CO. KS.  
**Field** WILDCAT  
**Well Type** Vertical  
**Test Type** CONVENTIONAL  
**Formation** DST #1, TOPEKA, 3959-3976  
**Well Fluid Type** 01 Oil

**Start Test Date** 2015/07/21  
**Final Test Date** 2015/07/22

**Representative** TIM VENTERS  
**Well Operator** RITCHIE EXPLORATION, INC.  
**Report Date** 2015/07/22  
**Prepared By** TIM VENTERS  
**Qualified By** MAX LOVELY

**Start Test Time** 21:26:00  
**Final Test Time** 04:38:00

### Test Recovery:

RECOVERED: 20' MCW, 67% WATER, 33% MUD  
60' HWCW, 41% WATER, 59% MUD  
80' TOTAL FLUID

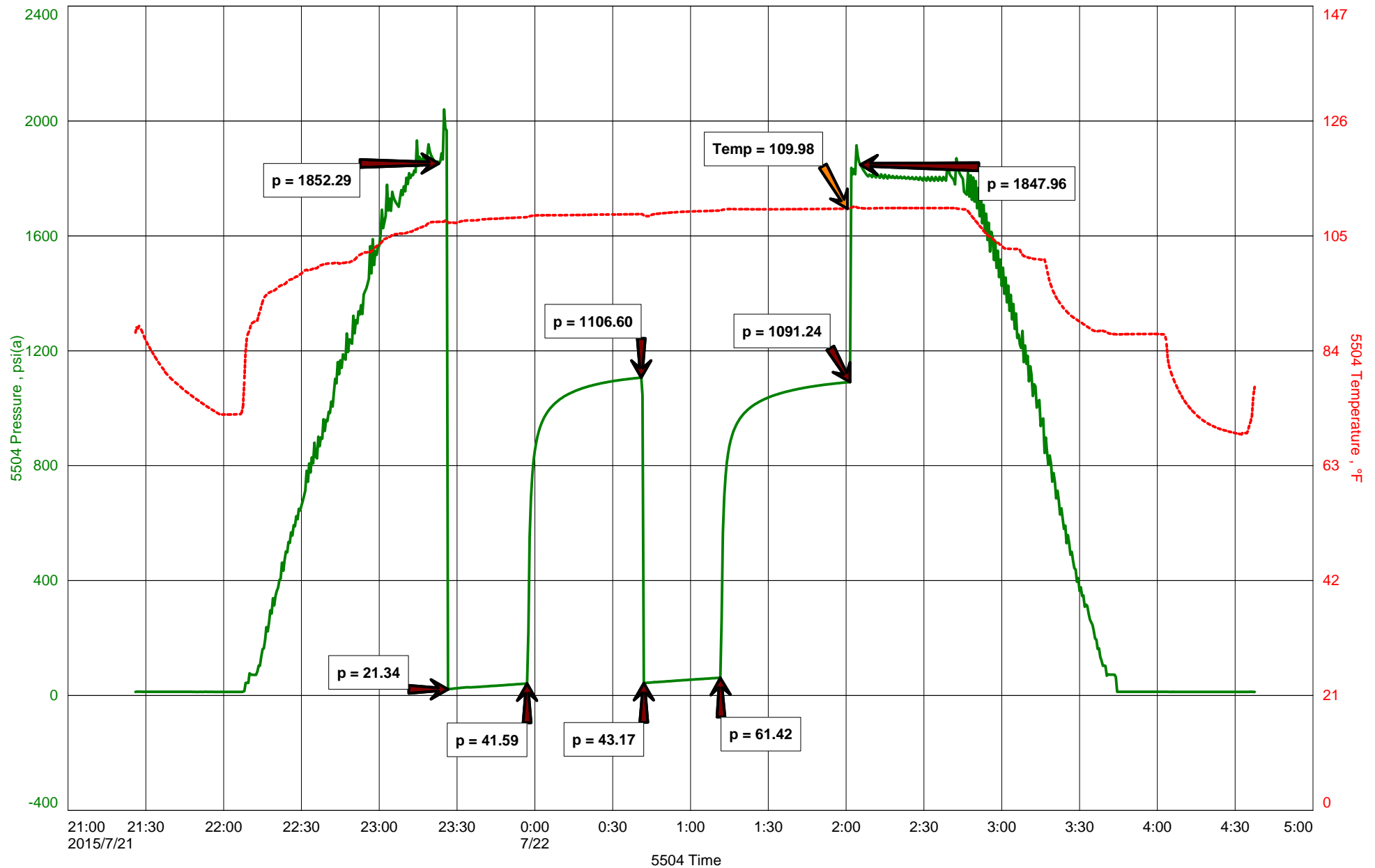
TOOL SAMPLE: TRACE OIL, 37% WATER, 63% MUD

CHLORIDES: 56,000 ppm  
PH: 8.0  
PH: .69 @ 70 deg.

RITCHIE EXPLORATION, INC.  
DST #1, TOPEKA, 3959-3976  
Start Test Date: 2015/07/21  
Final Test Date: 2015/07/22

EDWARDS 17B #1  
Formation: DST #1, TOPEKA, 3959-3976  
Pool: WILDCAT  
Job Number: T479

# EDWARDS 17B #1





**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: EDWARDS17B1DST1

TIME ON: 21:26 7-21-15  
TIME OFF: 04:38 7-22-15

Company RITCHIE EXPLORATION, INC. Lease & Well No. EDWARDS 17B #1  
Contractor WW DRILLING, LLC RIG #8 Charge to RITCHIE EXPLORATION, INC.  
Elevation 3271 KB Formation TOPEKA Effective Pay \_\_\_\_\_ Ft. Ticket No. T479  
Date 7-21-15 Sec. 17 Twp. 15 S Range 35 W County LOGAN State KANSAS  
Test Approved By MAX LOVELY Diamond Representative TIMOTHY T. VENTERS

Formation Test No. 1 Interval Tested from 3959 ft. to 3976 ft. Total Depth 3976 ft.

Packer Depth 3954 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

Packer Depth 3959 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 3940 ft. Recorder Number 5504 Cap. 5,000 P.S.I.

Bottom Recorder Depth (Outside) 3973 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 54 Drill Collar Length 119 ft. I.D. 2 1/4 in.

Weight 8.9 Water Loss 7.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.

Chlorides 4,000 P.P.M. Drill Pipe Length 3807 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 17 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: VERY WEAK SURFACE BLOW, BUILDING TO 1 1/2 INCHES. (NO BB)

2nd Open: VERY WEAK SURFACE BLOW, BUILDING TO 1 INCH. (NO BB)

Recovered 20 ft. of MCW, 67% WATER, 33% MUD

Recovered 60 ft. of HWCM, 41% WATER, 59% MUD

Recovered 80 ft. of TOTAL FLUID

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of CHLORIDES: 56,000 ppm

Remarks: PH: 8.0

RW: .69 @ 70 deg.

TOOL SAMPLE: TRACE OIL, 37% WATER, 63% MUD

Time Set Packer(s) 11:26 PM A.M. P.M. Time Started Off Bottom 1:56 AM A.M. P.M. Maximum Temperature 110 deg.

Initial Hydrostatic Pressure..... (A) 1852 P.S.I.

Initial Flow Period..... Minutes 30 (B) 21 P.S.I. to (C) 42 P.S.I.

Initial Closed In Period..... Minutes 45 (D) 1107 P.S.I.

Final Flow Period..... Minutes 30 (E) 43 P.S.I. to (F) 61 P.S.I.

Final Closed In Period..... Minutes 45 (G) 1091 P.S.I.

Final Hydrostatic Pressure..... (H) 1848 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** EDWARDS 17B #1  
**Unique Well ID** DST #2, LANSING "C", 4087-4118,  
**Surface Location** SEC 17-15S-35W, LOGAN CO. KS.  
**Field** WILDCAT  
**Well Type** Vertical  
**Test Type** CONVENTIONAL  
**Formation** DST #2, LANSING "C", 4087-4118  
**Well Fluid Type** 01 Oil

**Representative** TIM VENTERS  
**Well Operator** RITCHIE EXPLORATION, INC.  
**Report Date** 2015/07/23  
**Prepared By** TIM VENTERS  
**Qualified By** MAX LOVELY

**Start Test Date** 2015/07/23  
**Final Test Date** 2015/07/23

**Start Test Time** 02:18:00  
**Final Test Time** 09:25:00

### Test Recovery:

RECOVERED: 75' SWCM, 13% WATER, 87% MUD  
60' MUD, 100% MUD  
135' TOTAL FLUID

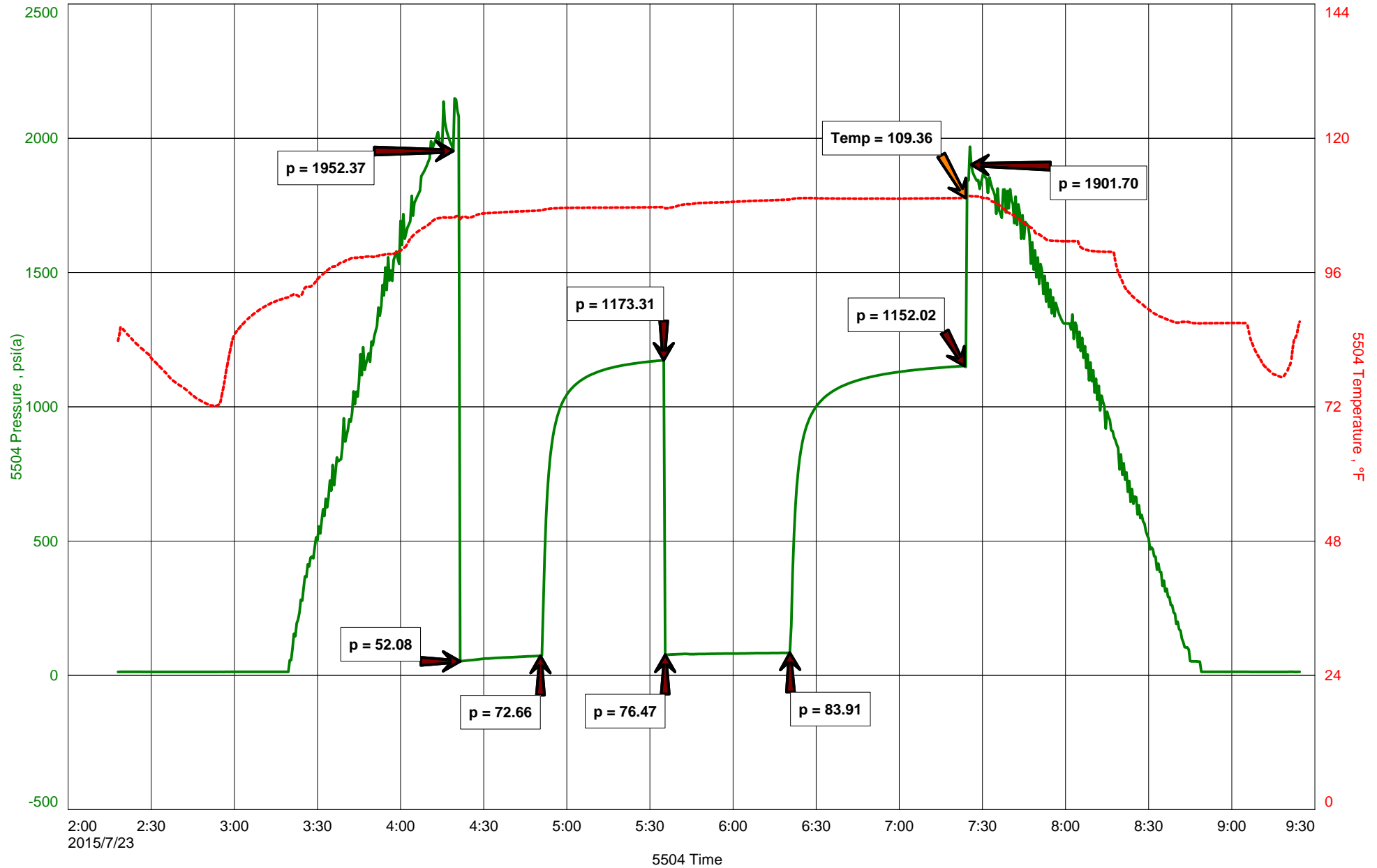
TOOL SAMPLE: TRACE OIL, 18% WATER, 82% MUD

CHLORIDES: 74,000 ppm  
PH: 7.5  
RW: .48 @ 77 deg.

RITCHIE EXPLORATION, INC.  
DST #2, LANSING "C", 4087-4118,  
Start Test Date: 2015/07/23  
Final Test Date: 2015/07/23

EDWARDS 17B #1  
Formation: DST #2, LANSING "C", 4087-4118  
Pool: WILDCAT  
Job Number: T480

# EDWARDS 17B #1





**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: EDWARDS17B1DST2

TIME ON: 02:18  
TIME OFF: 09:25

Company RITCHIE EXPLORATION, INC. Lease & Well No. EDWARDS 17B #1  
Contractor WW DRILLING, LLC RIG #8 Charge to RITCHIE EXPLORATION, INC.  
Elevation 3271 KB Formation LANSING "C" Effective Pay \_\_\_\_\_ Ft. Ticket No. T480  
Date 7-23-15 Sec. 17 Twp. 15 S Range 35 W County LOGAN State KANSAS  
Test Approved By MAX LOVELY Diamond Representative TIMOTHY T. VENTERS

Formation Test No. 2 Interval Tested from 4087 ft. to 4118 ft. Total Depth 4118 ft.

Packer Depth 4082 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

Packer Depth 4087 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 4068 ft. Recorder Number 5504 Cap. 5,000 P.S.I.

Bottom Recorder Depth (Outside) 4115 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 49 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 5,200 P.P.M. Drill Pipe Length 3935 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 31 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 1 1/4 INCHES. (NO BB)

2nd Open: VERY WEAK SURFACE BLOW, BUILDING TO 1/2 INCH. (NO BB)

Recovered 75 ft. of SWCM, 13% WATER, 87% MUD

Recovered 60 ft. of MUD, 100% MUD

Recovered 135 ft. of TOTAL FLUID

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of CHLORIDES: 74,000 ppm

Remarks: PH: 7.5

RW: .48 @ 77 deg.

TOOL SAMPLE: TRACE OIL, 18% WATER, 82% MUD

Time Set Packer(s) 4:20 AM A.M. P.M. Time Started Off Bottom 7:20 AM A.M. P.M. Maximum Temperature 109 deg.

Initial Hydrostatic Pressure..... (A) 1952 P.S.I.

Initial Flow Period..... Minutes 30 (B) 52 P.S.I. to (C) 73 P.S.I.

Initial Closed In Period..... Minutes 45 (D) 1173 P.S.I.

Final Flow Period..... Minutes 45 (E) 76 P.S.I. to (F) 84 P.S.I.

Final Closed In Period..... Minutes 60 (G) 1152 P.S.I.

Final Hydrostatic Pressure..... (H) 1902 P.S.I.

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# DIAMOND TESTING

## General Information Report

### General Information

**Company Name** RITCHIE EXPLORATION, INC.  
**Contact** JUSTIN CLEGG  
**Well Name** EDWARDS 17B #1  
**Unique Well ID** DST #3, LANSING "E&F", 4146-4169  
**Surface Location** SEC 17-15S-35W, LOGAN CO. KS.  
**Field** WILDCAT  
**Well Type** Vertical  
**Test Type** CONVENTIONAL  
**Formation** DST #3, LANSING "E&F", 4146-4169  
**Well Fluid Type** 01 Oil

**Start Test Date** 2015/07/23  
**Final Test Date** 2015/07/24

**Representative** TIM VENTERS  
**Well Operator** RITCHIE EXPLORATION, INC.  
**Report Date** 2015/07/24  
**Prepared By** TIM VENTERS  
**Qualified By** MAX LOVELY

**Start Test Time** 18:19:00  
**Final Test Time** 01:37:00

### Test Recovery:

RECOVERED: 180' MCW, 72% WATER, 28% MUD  
60' SMCW, 92% WATER, 8% MUD  
240' TOTAL FLUID

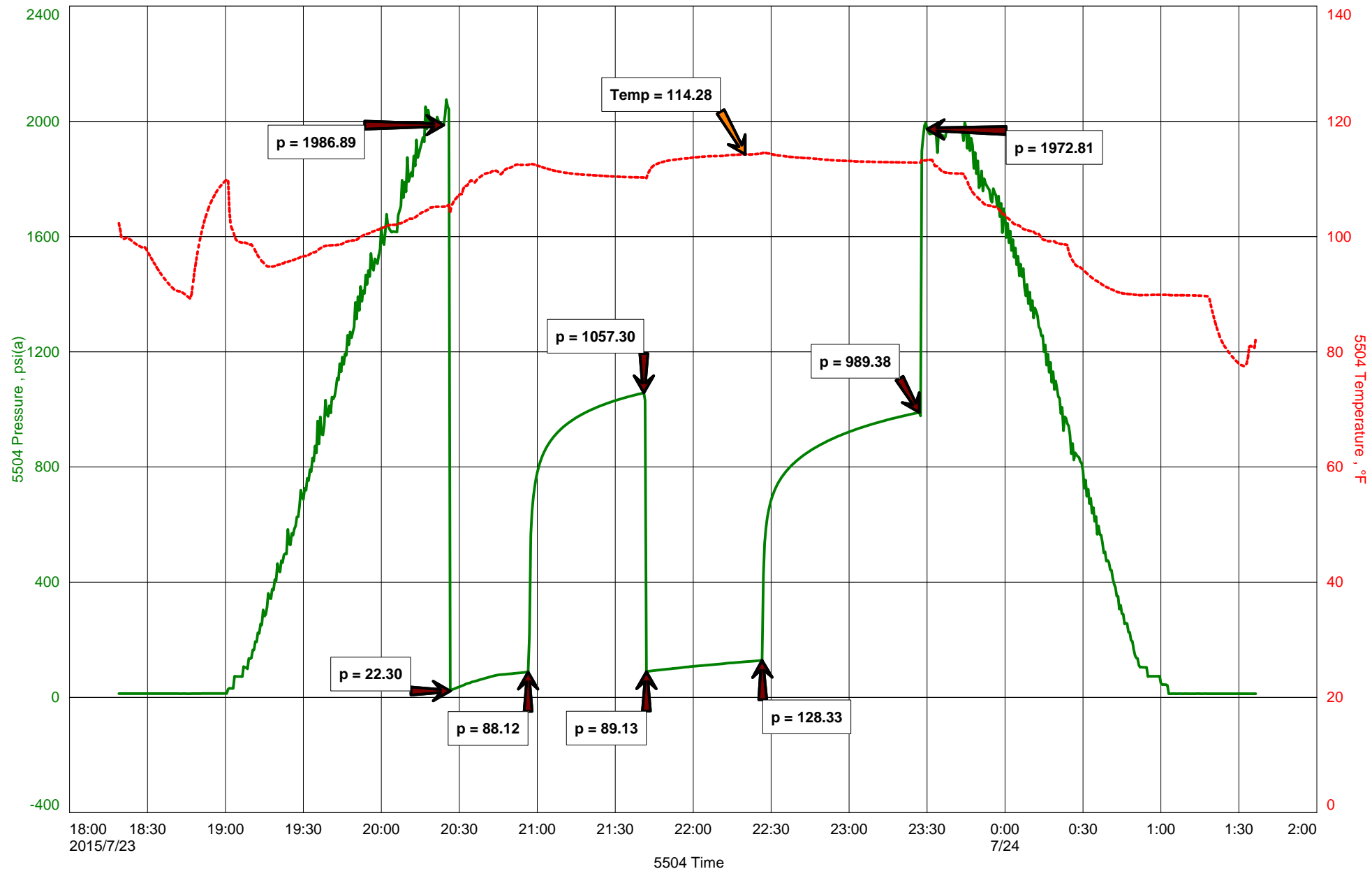
TOOL SAMPLE: TRACE OIL, 71% WATER, 29% MUD

CHLORIDES: 128,000 ppm  
PH: 8.0  
RW: .38 @ 78 deg.

RITCHIE EXPLORATION, INC.  
DST #3, LANSING "E&F", 4146-4169  
Start Test Date: 2015/07/23  
Final Test Date: 2015/07/24

EDWARDS 17B #1  
Formation: DST #3, LANSING "E&F", 4146-4169  
Pool: WILDCAT  
Job Number: T481

## EDWARDS 17B #1







**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: EDWARDS17B1DST3

TIME ON: 18:19 7-23-15  
TIME OFF: 01:37 7-24-15

Company RITCHIE EXPLORATION, INC. Lease & Well No. EDWARDS 17B #1  
Contractor WW DRILLING, LLC RIG #8 Charge to RITCHIE EXPLORATION, INC.  
Elevation 3271 KB Formation LANSING "E&F" Effective Pay \_\_\_\_\_ Ft. Ticket No. T481  
Date 7-23-15 Sec. 17 Twp. 15 S Range 35 W County LOGAN State KANSAS  
Test Approved By MAX LOVELY Diamond Representative TIMOTHY T. VENTERS

Formation Test No. 3 Interval Tested from 4146 ft. to 4169 ft. Total Depth 4169 ft.

Packer Depth 4141 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

Packer Depth 4146 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 4134 ft. Recorder Number 5504 Cap. 5,000 P.S.I.

Bottom Recorder Depth (Outside) 4166 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 58 Drill Collar Length 119 ft. I.D. 2 1/4 in.

Weight 9.4 Water Loss 10.4 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.

Chlorides 8,000 P.P.M. Drill Pipe Length 4001 ft. I.D. 3 1/2 in.

Jars: Make STERLING Serial Number \_\_\_\_\_ Test Tool Length 26 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: VERY WEAK SURFACE BLOW, BUILDING TO 6 INCHES. (NO BB)

2nd Open: VERY WEAK SURFACE BLOW, BUILDING TO 6 3/4 INCHES. (NO BB)

Recovered 180 ft. of MCW, 72% WATER, 28% MUD

Recovered 60 ft. of SMCW, 92% WATER, 8% MUD

Recovered 240 ft. of TOTAL FLUID

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of CHLORIDES: 128,000 ppm

Remarks: PH: 8.0

RW: .38 @ 78 deg.

TOOL SAMPLE: TRACE OIL, 71% WATER, 29% MUD

Time Set Packer(s) 8:26 PM A.M. P.M. Time Started Off Bottom 11:26 PM A.M. P.M. Maximum Temperature 114 deg.

Initial Hydrostatic Pressure..... (A) 1987 P.S.I.

Initial Flow Period..... Minutes 30 (B) 22 P.S.I. to (C) 88 P.S.I.

Initial Closed In Period..... Minutes 45 (D) 1057 P.S.I.

Final Flow Period..... Minutes 45 (E) 89 P.S.I. to (F) 128 P.S.I.

Final Closed In Period..... Minutes 60 (G) 989 P.S.I.

Final Hydrostatic Pressure..... (H) 1973 P.S.I.

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# DIAMOND TESTING

## General Information Report

### General Information

**Company Name** RITCHIE EXPLORATION, INC.  
**Contact** JUSTIN CLEGG  
**Well Name** EDWARDS 17B #1  
**Unique Well ID** DST #4, LANSING "H", 4228-4267  
**Surface Location** SEC 17-15S-35W, LOGAN CO. KS.  
**Field** WILDCAT  
**Well Type** Vertical  
**Test Type** CONVENTIONAL  
**Formation** DST #4, LANSING "H", 4228-4267  
**Well Fluid Type** 01 Oil

**Representative** TIM VENTERS  
**Well Operator** RITCHIE EXPLORATION, INC.  
**Report Date** 2015/07/25  
**Prepared By** TIM VENTERS  
**Qualified By** MAX LOVELY

**Start Test Date** 2015/07/24  
**Final Test Date** 2015/07/25

**Start Test Time** 16:24:00  
**Final Test Time** 00:50:00

### Test Recovery:

RECOVERED: 285' HMCW, 55% WATER, 45% MUD  
125' MCW, 75% WATER, 25% MUD  
500' SMCW, 96% WATER, 4% MUD  
910' TOTAL FLUID

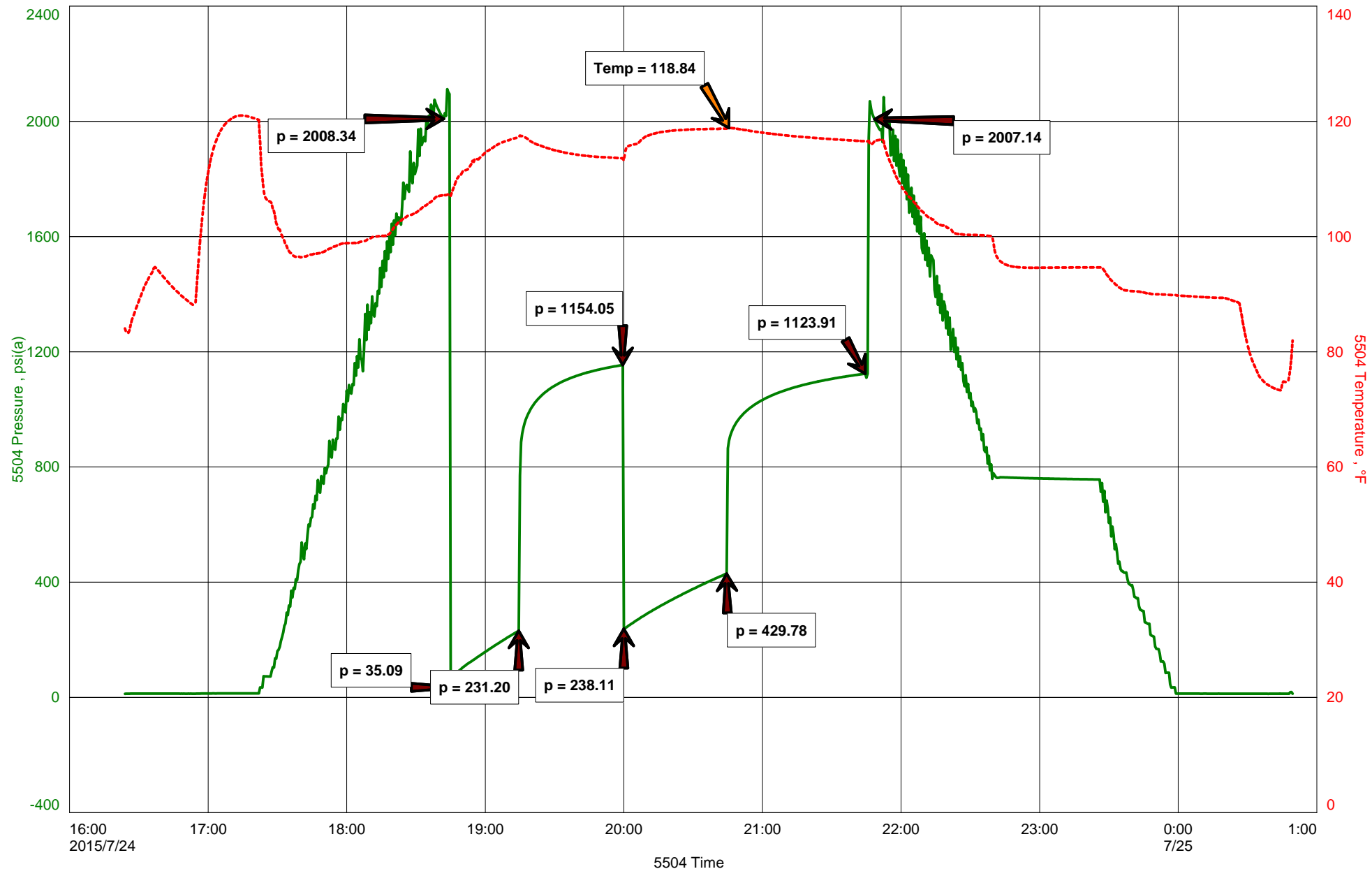
TOOL SAMPLE: 100% WATER

CHLORIDES: 132,000 ppm  
PH: 7.5  
RW: .36 @ 76 deg.

RITCHIE EXPLORATION, INC.  
DST #4, LANSING "H", 4228-4267  
Start Test Date: 2015/07/24  
Final Test Date: 2015/07/25

EDWARDS 17B #1  
Formation: DST #4, LANSING "H", 4228-4267  
Pool: WILDCAT  
Job Number: T482

## EDWARDS 17B #1





**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: EDWARDS17B1DST4

TIME ON: 16:24 7-24-15  
TIME OFF: 00:50 7-25-15

Company RITCHIE EXPLORATION, INC. Lease & Well No. EDWARDS 17B #1  
Contractor WW DRILLING, LLC RIG #8 Charge to RITCHIE EXPLORATION, INC.  
Elevation 3271 KB Formation LANSING "H" Effective Pay \_\_\_\_\_ Ft. Ticket No. T482  
Date 7-24-15 Sec. 17 Twp. 15 S Range 35 W County LOGAN State KANSAS  
Test Approved By MAX LOVELY Diamond Representative TIMOTHY T. VENTERS

Formation Test No. 4 Interval Tested from 4228 ft. to 4267 ft. Total Depth 4267 ft.

Packer Depth 4223 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

Packer Depth 4228 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 4209 ft. Recorder Number 5504 Cap. 5,000 P.S.I.

Bottom Recorder Depth (Outside) 4264 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 69 Drill Collar Length 119 ft. I.D. 2 1/4 in.

Weight 9.1 Water Loss 8.0 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.

Chlorides 6,500 P.P.M. Drill Pipe Length 4076 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 39 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 1/2 INCH BLOW, BUILDING, REACHING BOB 9 MIN. (NO BB)

2nd Open: WEAK SURFACE BLOW, BUILDING, REACHING BOB 11 MIN. (NO BB)

Recovered 285 ft. of HMCW, 55% WATER, 45% MUD

Recovered 125 ft. of MCW, 75% WATER, 25% MUD

Recovered 500 ft. of SMCW, 96% WATER, 4% MUD

Recovered 910 ft. of TOTAL FLUID

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
_____	
TOOL SAMPLE: 100% WATER	Total

Time Set Packer(s) 6:44 PM A.M. P.M. Time Started Off Bottom 9:44 PM A.M. P.M. Maximum Temperature 119 deg.

Initial Hydrostatic Pressure..... (A) 2008 P.S.I.

Initial Flow Period..... Minutes 30 (B) 35 P.S.I. to (C) 231 P.S.I.

Initial Closed In Period..... Minutes 45 (D) 1154 P.S.I.

Final Flow Period..... Minutes 45 (E) 238 P.S.I. to (F) 430 P.S.I.

Final Closed In Period..... Minutes 60 (G) 1124 P.S.I.

Final Hydrostatic Pressure..... (H) 2007 P.S.I.

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# DIAMOND TESTING

## General Information Report

### General Information

**Company Name** RITCHIE EXPLORATION, INC.  
**Contact** JUSTN CLEGG  
**Well Name** EDWARDS 17B #1  
**Unique Well ID** DST #5, LANSING "I&J", 4290-4319  
**Surface Location** SEC 17-15S-35W, LOGAN CO. KS.  
**Field** WILDCAT  
**Well Type** Vertical  
**Test Type** CONVENTIONAL  
**Formation** DST #5, LANSING "I&J", 4290-4319  
**Well Fluid Type** 01 Oil

**Start Test Date** 2015/07/25  
**Final Test Date** 2015/07/25

**Representative** TIM VENTERS  
**Well Operator** RITCHIE EXPLORATION, INC.  
**Report Date** 2015/07/25  
**Prepared By** TIM VENTERS  
**Qualified By** MAX LOVELY

**Start Test Time** 12:04:00  
**Final Test Time** 17:50:00

### Test Recovery:

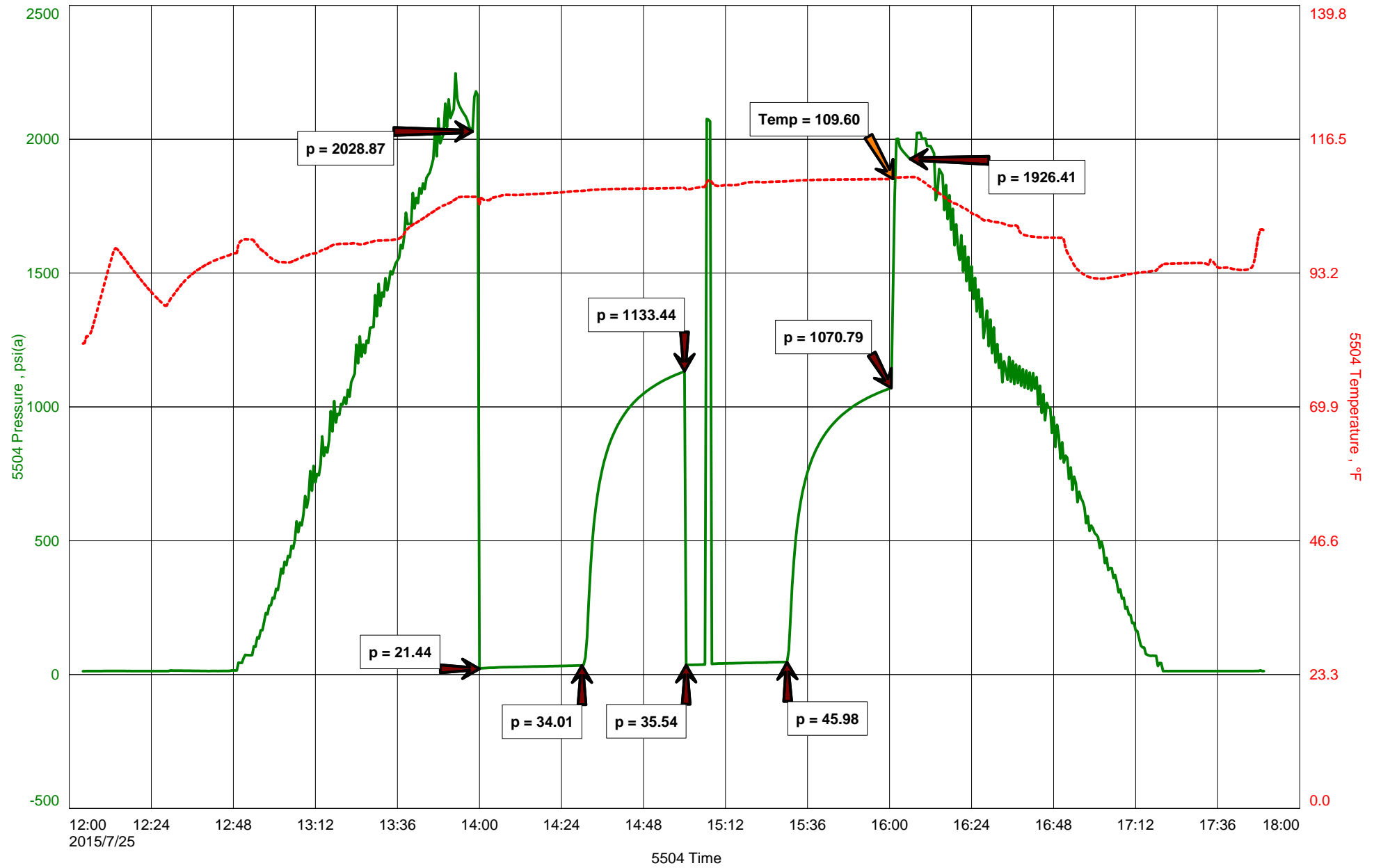
RECOVERED: 20' M W/TR. O, TRACE OIL, 100% MUD

TOOL SAMPLE: TRACE OIL, 100% MUD

RITCHIE EXPLORATION, INC.  
DST #5, LANSING "I&J", 4290-4319  
Start Test Date: 2015/07/25  
Final Test Date: 2015/07/25

EDWARDS 17B #1  
Formation: DST #5, LANSING "I&J", 4290-4319  
Pool: WILDCAT  
Job Number: T483

# EDWARDS 17B #1







**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: EDWARDS17B1DST5

TIME ON: 12:04  
TIME OFF: 17:50

Company RITCHIE EXPLORATION, INC. Lease & Well No. EDWARDS 17B #1  
Contractor WW DRILLING, LLC RIG #8 Charge to RITCHIE EXPLORATION, INC.  
Elevation 3271 KB Formation LANSING "I&J" Effective Pay \_\_\_\_\_ Ft. Ticket No. T483  
Date 7-25-15 Sec. 17 Twp. 15 S Range 35 W County LOGAN State KANSAS  
Test Approved By MAX LOVELY Diamond Representative TIMOTHY T. VENTERS

Formation Test No. 5 Interval Tested from 4290 ft. to 4319 ft. Total Depth 4319 ft.

Packer Depth 4285 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

Packer Depth 4290 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 4271 ft. Recorder Number 5504 Cap. 5,000 P.S.I.

Bottom Recorder Depth (Outside) 4316 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 50 Drill Collar Length 119 ft. I.D. 2 1/4 in.

Weight 9.2 Water Loss 8.8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.

Chlorides 6,000 P.P.M. Drill Pipe Length 4138 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 29 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: NO BLOW THROUGHOUT PERIOD, EXCEPT THE SURGE BLOW. (NO BB)

2nd Open: NO BLOW THROUGHOUT PERIOD. (NO BB)

Recovered 20 ft. of M W/TR. O, TRACE OIL, 100% MUD

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Remarks: WE FLUSHED TOOL 5 MIN. INTO FINAL FLOW PERIOD AND JUST GOT SURGE BLOW.

TOOL SAMPLE: TRACE OIL, 100% MUD

Price Job

Other Charges

Insurance

Total

Time Set Packer(s) 2:00 PM A.M. P.M. Time Started Off Bottom 4:00 PM A.M. P.M. Maximum Temperature 110 deg.

Initial Hydrostatic Pressure..... (A) 2029 P.S.I.

Initial Flow Period..... Minutes 30 (B) 21 P.S.I. to (C) 34 P.S.I.

Initial Closed In Period..... Minutes 30 (D) 1133 P.S.I.

Final Flow Period..... Minutes 30 (E) 36 P.S.I. to (F) 46 P.S.I.

Final Closed In Period..... Minutes 30 (G) 1071 P.S.I.

Final Hydrostatic Pressure..... (H) 1926 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** EDWARDS 17B #1  
**Unique Well ID** DST #6, ALTAMONT, 4451-4478  
**Surface Location** SEC 17-15S-35W, LOGAN CO. KS.  
**Field** WILDCAT  
**Well Type** Vertical  
**Test Type** CONVENTIONAL  
**Formation** DST #6, ALTAMONT, 4451-4478  
**Well Fluid Type** 01 Oil

**Representative** TIM VENTERS  
**Well Operator** RITCHIE EXPLORATION, INC.  
**Report Date** 2015/07/27  
**Prepared By** TIM VENTERS  
**Qualified By** MAX LOVELY

**Start Test Date** 2015/07/26  
**Final Test Date** 2015/07/27

**Start Test Time** 16:30:00  
**Final Test Time** 00:23:00

### Test Recovery:

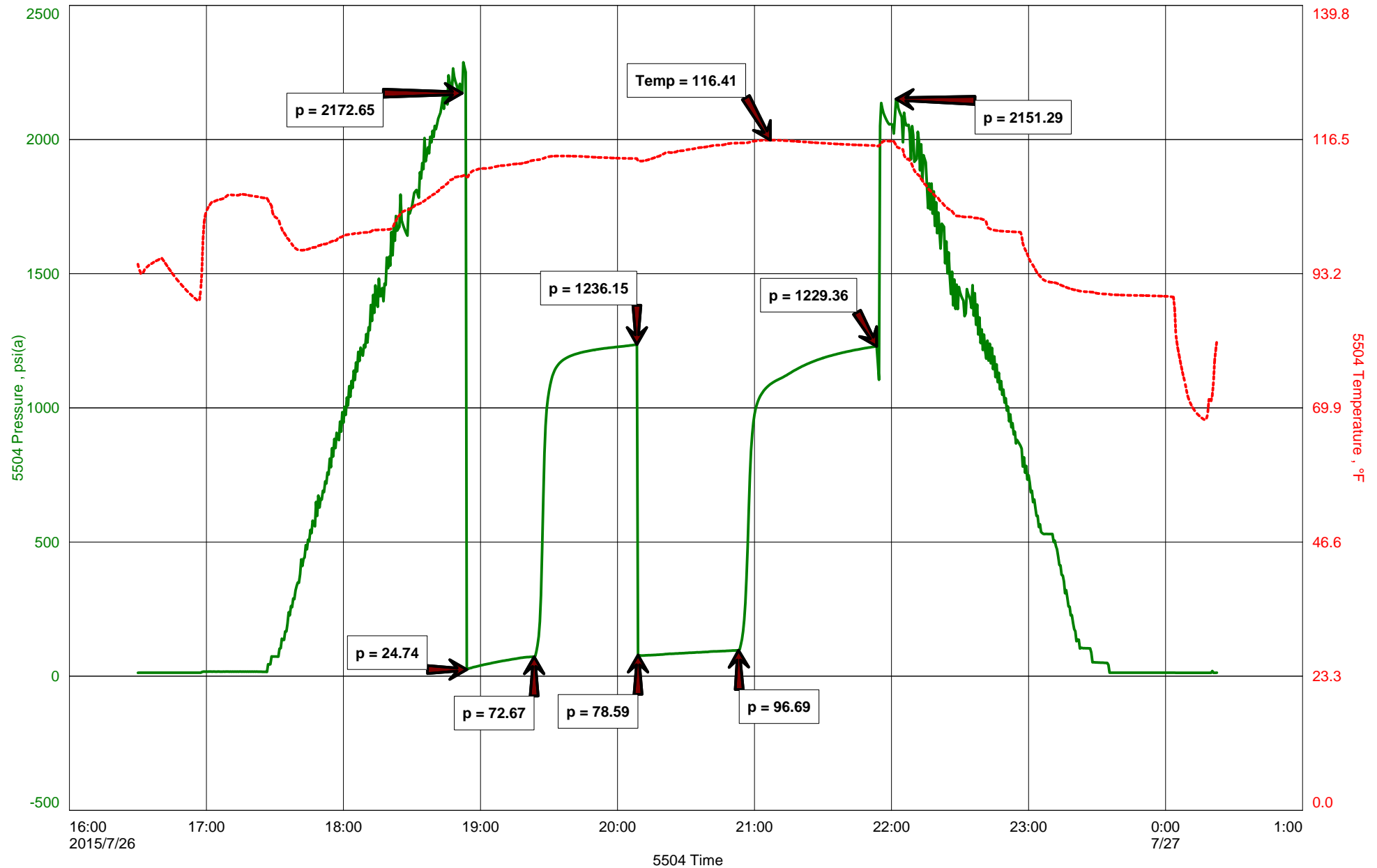
RECOVERED: 5' CLEAN OIL, 100% OIL, GRAVITY: 30  
125' MCO, 74% OIL, 26% MUD  
60' G,HOCM, 10% GAS, 44% OIL, 46% MUD  
190' TOTAL FLUID

TOOL SAMPLE: 44% OIL, 56% MUD

RITCHIE EXPLORATION, INC.  
DST #6, ALTAMONT, 4451-4478  
Start Test Date: 2015/07/26  
Final Test Date: 2015/07/27

EDWARDS 17B #1  
Formation: DST #6, ALTAMONT, 4451-4478  
Pool: WILDCAT  
Job Number: T484

# EDWARDS 17B #1





**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: EDWARDS17B1DST6

TIME ON: 16:30 7-26-15  
TIME OFF: 00:23 7-27-15

Company RITCHIE EXPLORATION, INC. Lease & Well No. EDWARDS 17B #1  
Contractor WW DRILLING, LLC RIG #8 Charge to RITCHIE EXPLORATION, INC.  
Elevation 3271 KB Formation ALTAMONT Effective Pay \_\_\_\_\_ Ft. Ticket No. T484  
Date 7-26-15 Sec. 17 Twp. 15 S Range 35 W County LOGAN State KANSAS  
Test Approved By MAX LOVELY Diamond Representative TIMOTHY T. VENTERS

Formation Test No. 6 Interval Tested from 4451 ft. to 4478 ft. Total Depth 4478 ft.

Packer Depth 4446 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

Packer Depth 4451 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 4432 ft. Recorder Number 5504 Cap. 5,000 P.S.I.

Bottom Recorder Depth (Outside) 4475 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 67 Drill Collar Length 119 ft. I.D. 2 1/4 in.

Weight 9.2 Water Loss 7.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.

Chlorides 9,000 P.P.M. Drill Pipe Length 4299 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 27 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 6 INCHES. (NO BB)

2nd Open: VERY WEAK SURFACE BLOW, BUILDING TO 7 INCHES. (1/4" BB)

Recovered 5 ft. of CLEAN OIL, 100% OIL, GRAVITY: 30

Recovered 125 ft. of MCO, 74% OIL, 26% MUD

Recovered 60 ft. of G,HOCM, 10% GAS, 44% OIL, 46% MUD

Recovered 190 ft. of TOTAL FLUID

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_ Price Job

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_ Other Charges

Remarks: \_\_\_\_\_ Insurance

TOOL SAMPLE: 44% OIL, 56% MUD Total

Time Set Packer(s) 6:53 PM A.M. P.M. Time Started Off Bottom 9:53 PM A.M. P.M. Maximum Temperature 116 deg.

Initial Hydrostatic Pressure..... (A) 2173 P.S.I.

Initial Flow Period..... Minutes 30 (B) 25 P.S.I. to (C) 73 P.S.I.

Initial Closed In Period..... Minutes 45 (D) 1236 P.S.I.

Final Flow Period..... Minutes 45 (E) 79 P.S.I. to (F) 97 P.S.I.

Final Closed In Period..... Minutes 60 (G) 1229 P.S.I.

Final Hydrostatic Pressure..... (H) 2151 P.S.I.

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# DIAMOND TESTING

## General Information Report

### General Information

**Company Name** RITCHIE EXPLORATION, INC.  
**Contact** JUSTIN CLEGG  
**Well Name** EDWARDS 17B #1  
**Unique Well ID** DST #7, ALTAMONT "B", 4479-4498  
**Surface Location** SEC 17-15S-35W, LOGAN CO. KS.  
**Field** WILDCAT  
**Well Type** Vertical  
**Test Type** CONVENTIONAL  
**Formation** DST #7, ALTAMONT "B", 4479-4498  
**Well Fluid Type** 01 Oil

**Representative** TIM VENTERS  
**Well Operator** RITCHIE EXPLORATION, INC.  
**Report Date** 2017/07/27  
**Prepared By** TIM VENTERS  
**Qualified By** MAX LOVELY

**Start Test Date** 2015/07/27  
**Final Test Date** 2015/07/27

**Start Test Time** 07:44:00  
**Final Test Time** 14:43:00

### Test Recovery:

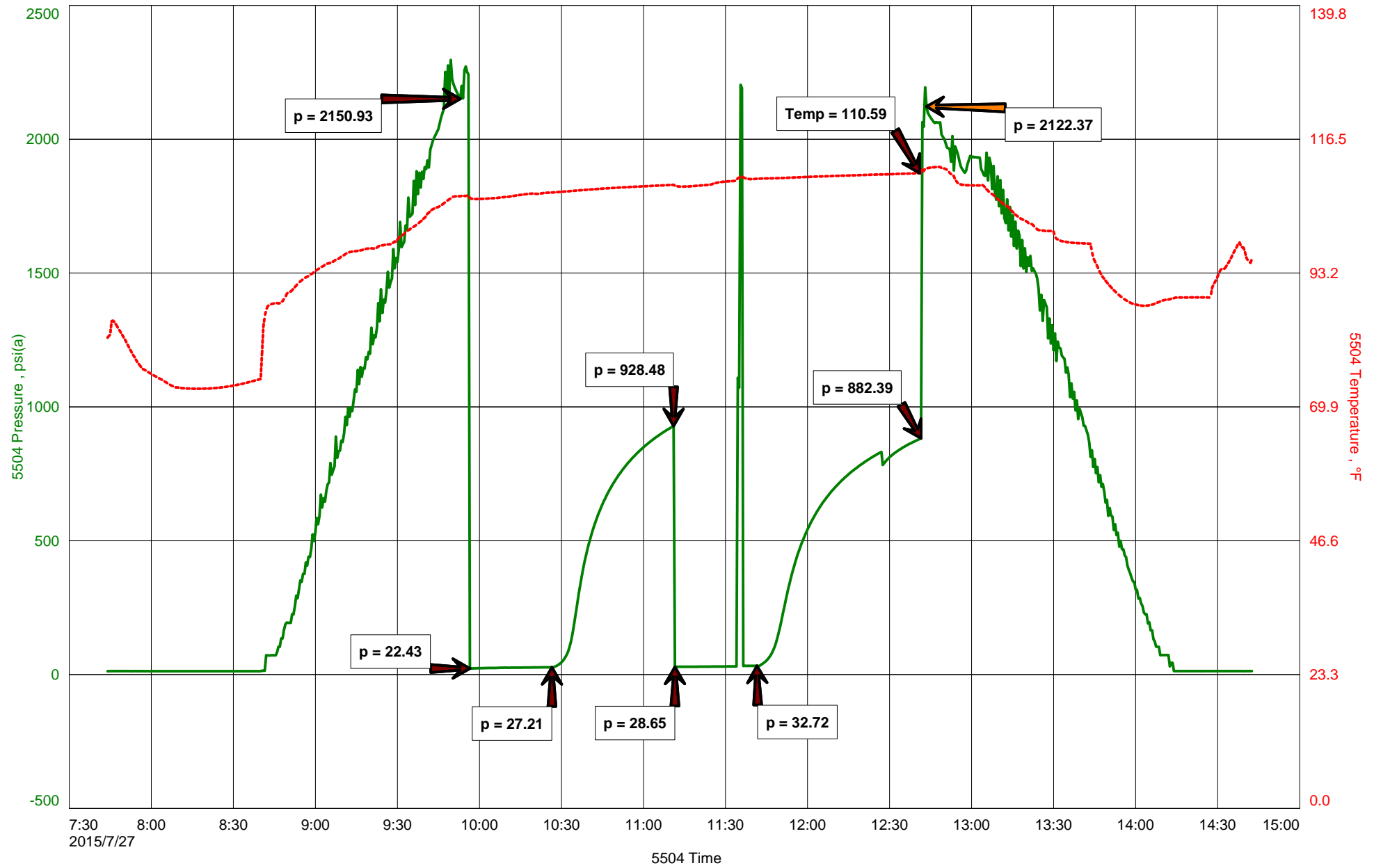
RECOVERED; 10' SOCM, 2% OIL, 98% MUD

TOOL SAMPLE: 5% OIL, 95% MUD

RITCHIE EXPLORATION, INC.  
DST #7, ALTAMONT "B", 4479-4498  
Start Test Date: 2015/07/27  
Final Test Date: 2015/07/27

EDWARDS 17B #1  
Formation: DST #7, ALTAMONT "B", 4479-4498  
Pool: WILDCAT  
Job Number: T485

EDWARDS 17B #1





**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: EDWARDS17B1DST7

TIME ON: 07:44  
TIME OFF: 14:43

Company RITCHIE EXPLORATION, INC. Lease & Well No. EDWARDS 17B #1  
Contractor WW DRILLING, LLC RIG #8 Charge to RITCHIE EXPLORATION, INC.  
Elevation 3271 KB Formation ALTAMONT "B" Effective Pay \_\_\_\_\_ Ft. Ticket No. T485  
Date 7-27-15 Sec. 17 Twp. 15 S Range 35 W County LOGAN State KANSAS  
Test Approved By MAX LOVELY Diamond Representative TIMOTHY T. VENTERS

Formation Test No. 7 Interval Tested from 4479 ft. to 4498 ft. Total Depth 4498 ft.

Packer Depth 4474 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

Packer Depth 4479 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 4467 ft. Recorder Number 5504 Cap. 5,000 P.S.I.

Bottom Recorder Depth (Outside) 4495 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 119 ft. I.D. 2 1/4 in.

Weight 9.1 Water Loss 8.0 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.

Chlorides 8,000 P.P.M. Drill Pipe Length 4334 ft. I.D. 3 1/2 in.

Jars: Make STERLING Serial Number \_\_\_\_\_ Test Tool Length 33 ft. Tool Size 3 1/2-IF in.

Did Well Flow? NO Reversed Out NO Anchor Length 19 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 1/2 INCH. (NO BB)

2nd Open: VERY WEAK SURFACE BLOW, LASTING 11 MIN. (NO BB)

Recovered 10 ft. of SOCM, 2% OIL, 98% MUD

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Remarks: WE FLUSHED TOOL 23 MIN. INTO FINAL FLOW PERIOD AND GOT A VERY WEAK SURFACE BLOW LASTING 1 MIN.

TOOL SAMPLE: 5% OIL, 95% MUD

Time Set Packer(s) 9:56 AM A.M. P.M. Time Started Off Bottom 12:26 PM A.M. P.M. Maximum Temperature 111 deg.

Initial Hydrostatic Pressure..... (A) 2151 P.S.I.

Initial Flow Period..... Minutes 30 (B) 22 P.S.I. to (C) 27 P.S.I.

Initial Closed In Period..... Minutes 45 (D) 928 P.S.I.

Final Flow Period..... Minutes 30 (E) 29 P.S.I. to (F) 33 P.S.I.

Final Closed In Period..... Minutes 45 (G) 882 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** EDWARDS 17B #1  
**Unique Well ID** DST #8, ALTAMONT "C", 4496-4515  
**Surface Location** SEC 17-15S-35W, LOGAN CO. KS.  
**Field** WILDCAT  
**Well Type** Vertical  
**Test Type** CONVENTIONAL  
**Formation** DST #8, ALTAMONT "C", 4496-4515  
**Well Fluid Type** 01 Oil

**Representative** TIM VENTERS  
**Well Operator** RITCHIE EXPLORATION, INC.  
**Report Date** 2015/07/28  
**Prepared By** TIM VENTERS  
**Qualified By** MAX LOVELY

**Start Test Date** 2015/07/27  
**Final Test Date** 2015/07/28

**Start Test Time** 21:53:00  
**Final Test Time** 05:54:00

### Test Recovery:

RECOVERED: 290' MUD, 100% MUD  
125' WCM, 34% WATER, 66% MUD  
185' MCW, 76% WATER, 24% MUD  
375' SMCW, 93% WATER, 7% MUD  
975' TOTAL FLUID

TOOL SAMPLE: SPECS OIL, 98% WATER, 2% MUD

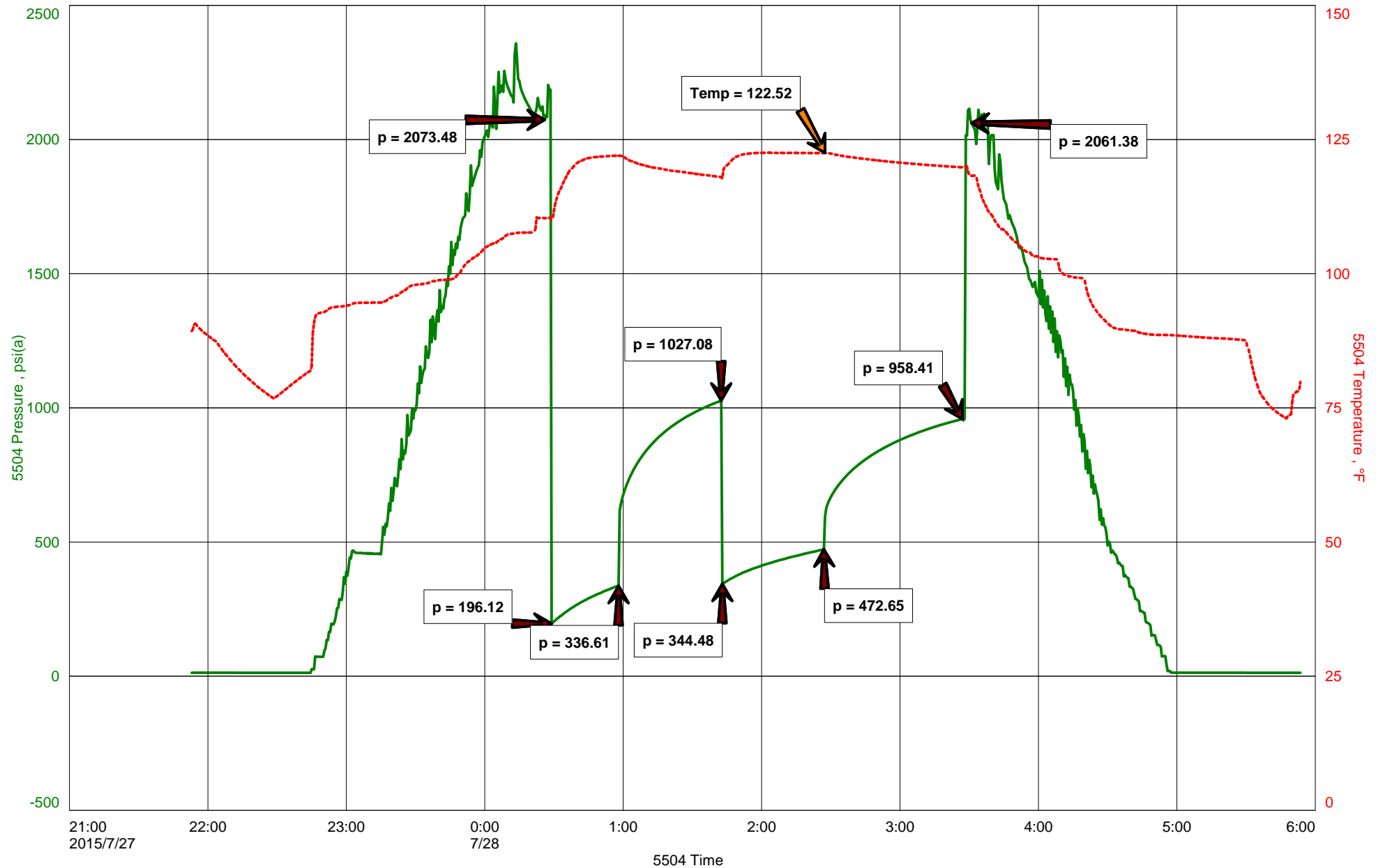
CHLORIDES: 78,000 ppm  
PH: 7.5  
RW: .26 @ 74 deg.



RITCHIE EXPLORATION, INC.  
DST #8, ALTAMONT "C", 4496-4515  
Start Test Date: 2015/07/27  
Final Test Date: 2015/07/28

EDWARDS 17B #1  
Formation: DST #8, ALTAMONT "C", 4496-4515  
Pool: WILDCAT  
Job Number: T486

# EDWARDS 17B #1





**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: EDWARDS17B1DST8

TIME ON: 21:53 7-27-15  
TIME OFF: 05:54 7-28-15

Company RITCHIE EXPLORATION, INC. Lease & Well No. EDWARDS 17B #1  
Contractor WW DRILLING, LLC RIG #8 Charge to RITCHIE EXPLORATION, INC.  
Elevation 3271 KB Formation ALTAMONT "C" Effective Pay \_\_\_\_\_ Ft. Ticket No. T486  
Date 7-28-15 Sec. 17 Twp. 15 S Range 35 W County LOGAN State KANSAS  
Test Approved By MAX LOVELY Diamond Representative TIMOTHY T. VENTERS

Formation Test No. 8 Interval Tested from 4496 ft. to 4515 ft. Total Depth 4515 ft.

Packer Depth 4491 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

Packer Depth 4496 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 4484 ft. Recorder Number 5504 Cap. 5,000 P.S.I.

Bottom Recorder Depth (Outside) 4512 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 119 ft. I.D. 2 1/4 in.

Weight 9.1 Water Loss 8.0 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.

Chlorides 8,000 P.P.M. Drill Pipe Length 4351 ft. I.D. 3 1/2 in.

Jars: Make STERLING Serial Number \_\_\_\_\_ Test Tool Length 33 ft. Tool Size 3 1/2-IF in.

Did Well Flow? NO Reversed Out NO Anchor Length 19 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, REACHING BOB 9 MIN. (NO BB)

2nd Open: WEAK SURFACE BLOW, BUILDING, REACHING BOB 11 MIN. (NO BB)

Recovered 290 ft. of MUD, 100% MUD

Recovered 125 ft. of WCM, 34% WATER, 66% MUD

Recovered 185 ft. of MCW, 76% WATER, 24% MUD

Recovered 375 ft. of SMCW, 93% WATER, 7% MUD

Recovered 975 ft. of TOTAL FLUID CHLORIDES: 78,000 ppm

Recovered \_\_\_\_\_ ft. of PH: 7.5

Remarks: RW: .26 @ 74 deg.

WE WERE OPEN WHEN PUTTING ON HEAD JOINT AND DIDN'T REALIZE IT.

TOOL SAMPLE: SPECS OIL, 98% WATER, 2% MUD

Time Set Packer(s) 12:27 AM A.M. P.M. Time Started Off Bottom 3:27 AM A.M. P.M. Maximum Temperature 123 deg.

Initial Hydrostatic Pressure..... (A) 2073 P.S.I.

Initial Flow Period..... Minutes 30 (B) 196 P.S.I. to (C) 337 P.S.I.

Initial Closed In Period..... Minutes 45 (D) 1027 P.S.I.

Final Flow Period..... Minutes 45 (E) 344 P.S.I. to (F) 473 P.S.I.

Final Closed In Period..... Minutes 60 (G) 958 P.S.I.

Final Hydrostatic Pressure..... (H) 2061 P.S.I.

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# DIAMOND TESTING

## General Information Report

### General Information

**Company Name** RITCHIE EXPLORATION, INC.  
**Contact** JUSTIN CLEGG  
**Well Name** EDWARDS 17B #1  
**Unique Well ID** DST #9, PAW./MYR./FT. SC., 4525-4611  
**Surface Location** SEC17-15S-35W, LOGAN CO. KS.  
**Field** WILDCAT  
**Well Type** Vertical  
**Test Type** CONVENTIONAL  
**Formation** DST #9, PAW./MYR./FT. SC., 4525-4611  
**Well Fluid Type** 01 Oil

**Representative** TIM VENTERS  
**Well Operator** RITCHIE EXPLORATION, INC.  
**Report Date** 2015/07/29  
**Prepared By** TIM VENTERS  
**Qualified By** MAX LOVELY

**Start Test Date** 2015/07/29  
**Final Test Date** 2015/07/29

**Start Test Time** 00:36:00  
**Final Test Time** 07:21:00

### Test Recovery:

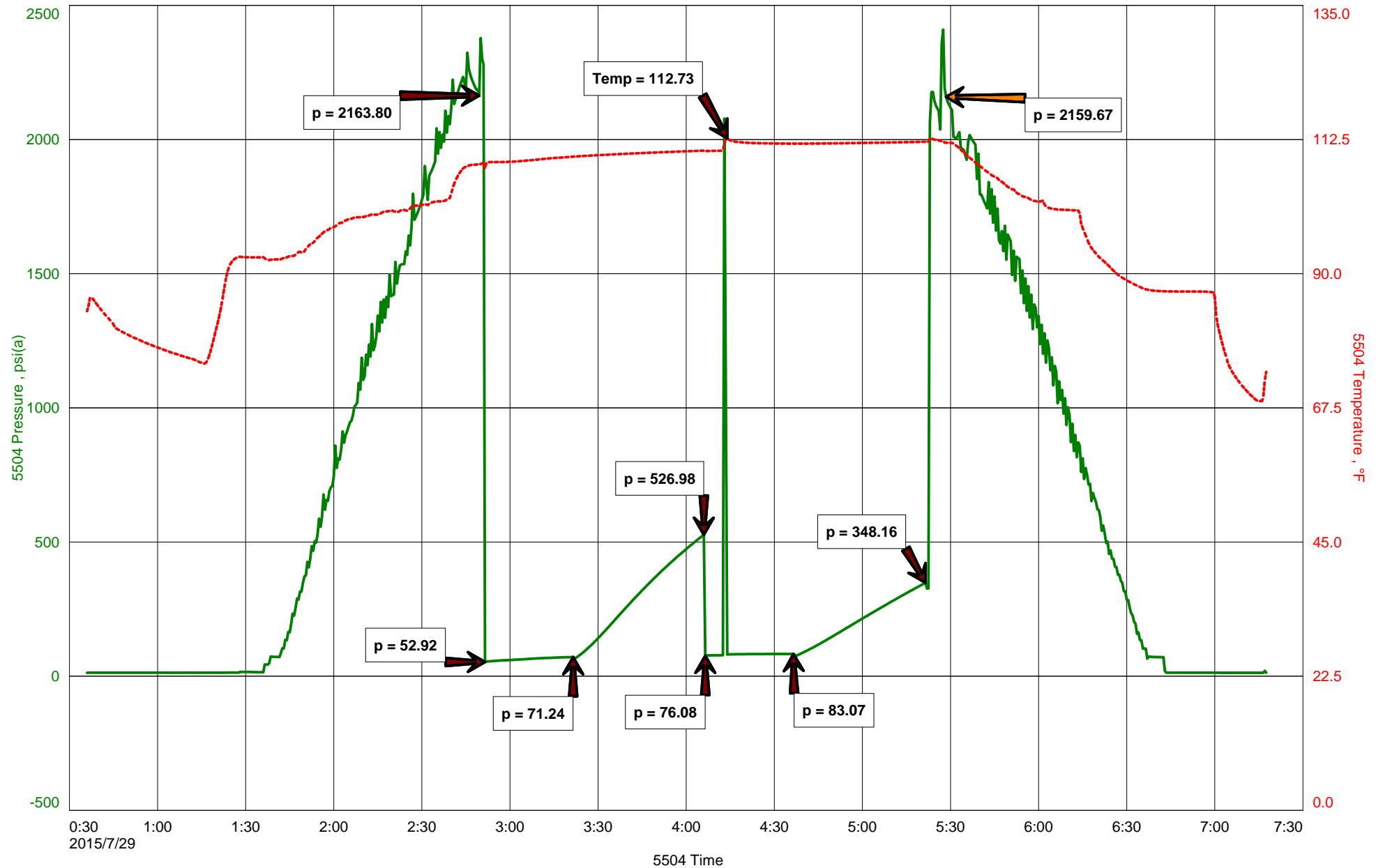
RECOVERED: 120' MUD

TOOL SAMPLE: TRACE OIL, 100% MUD

RITCHIE EXPLORATION, INC.  
DST #9, PAW./MYR./FT. SC.,4525-4611  
Start Test Date: 2015/07/29  
Final Test Date: 2015/07/29

EDWARDS 17B #1  
Formation: DST #9, PAW./MYR./FT. SC., 4525-4611  
Pool: WILDCAT  
Job Number: T487

# EDWARDS 17B #1





**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: EDWARDS17B1DST9

TIME ON: 00:36  
TIME OFF: 07:21

Company RITCHIE EXPLORATION, INC. Lease & Well No. EDWARDS 17B #1  
Contractor WW DRILLING, LLC RIG #8 Charge to RITCHIE EXPLORATION, INC.  
Elevation 3271 KB Formation PAWN./MYR./FT.SC. Effective Pay \_\_\_\_\_ Ft. Ticket No. T487  
Date 7-29-15 Sec. 17 Twp. \_\_\_\_\_ 15 S Range \_\_\_\_\_ 35 W County LOGAN State KANSAS  
Test Approved By MAX LOVELY Diamond Representative TIMOTHY T. VENTERS

Formation Test No. 9 Interval Tested from 4525 ft. to 4611 ft. Total Depth 4611 ft.

Packer Depth 4520 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

Packer Depth 4525 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 4506 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 61 Drill Collar Length 119 ft. I.D. 2 1/4 in.

Weight 9.2 Water Loss 9.6 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.

Chlorides 13,000 P.P.M. Drill Pipe Length 4373 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 23 ft. Size 4 1/2-FH in.

Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. <sup>63' DP IN ANCHOR</sup> 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 1 MIN. AFTER FLUSH. (NO BB)

Recovered 125 ft. of MUD, 100% MUD

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Remarks: WE FLUSHED TOOL 7 MIN. INTO FINAL FLOW PERIOD, AND GOT A VERY WEAK SURFACE BLOW LASTING ABOUT 1 MIN.

TOOL SAMPLE: TRACE OIL, 100% MUD

Time Set Packer(s) 2:54 AM A.M. P.M. Time Started Off Bottom 5:24 AM A.M. P.M. Maximum Temperature 113 deg.

Initial Hydrostatic Pressure..... (A) 2164 P.S.I.

Initial Flow Period..... Minutes 30 (B) 53 P.S.I. to (C) 71 P.S.I.

Initial Closed In Period..... Minutes 45 (D) 527 P.S.I.

Final Flow Period..... Minutes 30 (E) 76 P.S.I. to (F) 83 P.S.I.

Final Closed In Period..... Minutes 45 (G) 348 P.S.I.

Final Hydrostatic Pressure..... (H) 2160 P.S.I.

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