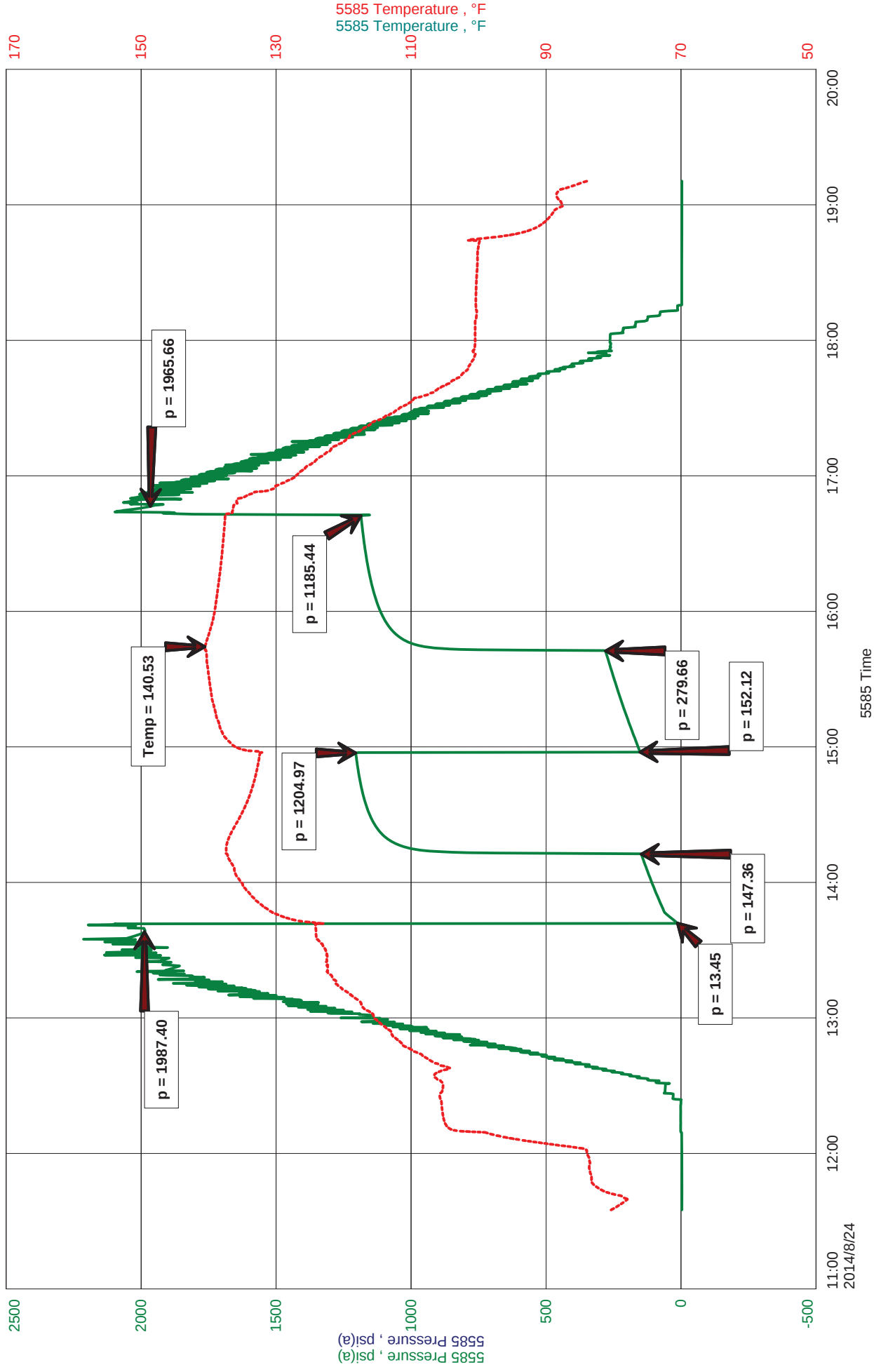


RITCHIE EXPLORATION INC
DST1 LANS"A"TORONTO 4187-4267
Start Test Date: 2014/08/24
Final Test Date: 2014/08/24

BRINEY-KRAMER 1
Formation: DST1 LANS"A"TORONTO 4187-4267
Pool: WILDCAT
Job Number: A080

BRINEY-KRAMER 1



DIAMOND TESTING, LLC

TESTER : ANDY CARREIRA
CELL # 620-617-7202

General Information

Company Name	RITCHIE EXPLORATION INC	Job Number	A080
Contact	JUSTIN CLEGG	Representative	ANDY CARREIRA
Well Name	BRINEY-KRAMER 1	Well Operator	RITCHIE EXPLORATION INC
Unique Well ID	DST1 LANS"A"TORONTO 4187-4267	Report Date	2014/08/24
Surface Location	SEC 36-4S-37W CHEYENNE CNTY,KS	Prepared By	ANDY CARREIRA
Well License Number			
Field	WILDCAT		
Well Type	Vertical		

Test Information

Test Type	CONVENTIONAL
Formation	DST1 LANS"A"TORONTO 4187-4267
Well Fluid Type	01 Oil
Test Purpose	Initial Test

Start Test Date	2014/08/24	Start Test Time	11:35:00
Final Test Date	2014/08/24	Final Test Time	19:13:00

Test Results

RECOVERY: 587' MW

CHLORIDES: 35000
RW: .16 @ 85 deg
Ph: 7

TOOL SAMPLE: 90% W, 10% M



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: BRINEY-KRAMER 1 DST1

TIME ON: 11:35
TIME OFF: 19:13

Company ITCHIE EXPLORATION INC. Lease & Well No. BRINEY-KRAMER 1
Contractor WW 4 Charge to ITCHIE EXPLORATION INC
Elevation 3381 KB Formation LANS "A" TORONTO Effective Pay _____ Ft. Ticket No. A080
Date 8-24-14 Sec. 36 Twp. _____ 4 S Range _____ 37 W County CHEYENNE State KANSAS
Test Approved By MAX LOVELY Diamond Representative ANDY CARREIRA

Formation Test No. 1 Interval Tested from 4187 ft. to 4267 ft. Total Depth 4267 ft.

Packer Depth 4182 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Packer Depth 4187 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4168 ft. Recorder Number _____ Cap. 5585 P.S.I.

Bottom Recorder Depth (Outside) 4189 ft. Recorder Number _____ Cap. 10000 P.S.I.

Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 67 Drill Collar Length 122.62 ft. I.D. 2 1/4 in.

Weight 9.0 Water Loss 9.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.

Chlorides 1500 P.P.M. Drill Pipe Length 4031.38 ft. I.D. 3 1/2 in.

Jars: Make STERLING Serial Number 09 Test Tool Length 33 ft. Tool Size 3 1/2-IF in.

Did Well Flow? NO Reversed Out NO Anchor Length 80 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: BOB IN 16 MIN. (NObb)

2nd Open: BOB IN 21 MIN. (NObb)

Recovered 587 ft. of MW

Recovered _____ ft. of CHLORIDES: 35000

Recovered _____ ft. of RW: .16 @ 85 deg

Recovered _____ ft. of Ph: 7

Recovered _____ ft. of Price Job

Recovered _____ ft. of Other Charges

Remarks: _____ Insurance

TOOL SAMPLE: 90% W, 10% M Total

Time Set Packer(s) 1:45 PM A.M. P.M. Time Started Off Bottom 4:45 PM A.M. P.M. Maximum Temperature 141

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

Initial Flow Period..... Minutes 30 (B) 13 P.S.I. to (C) 147 P.S.I.

Initial Closed In Period..... Minutes 45 (D) 1205 P.S.I.

Final Flow Period..... Minutes 45 (E) 152 P.S.I. to (F) 280 P.S.I.

Final Closed In Period..... Minutes 60 (G) 1185 P.S.I.

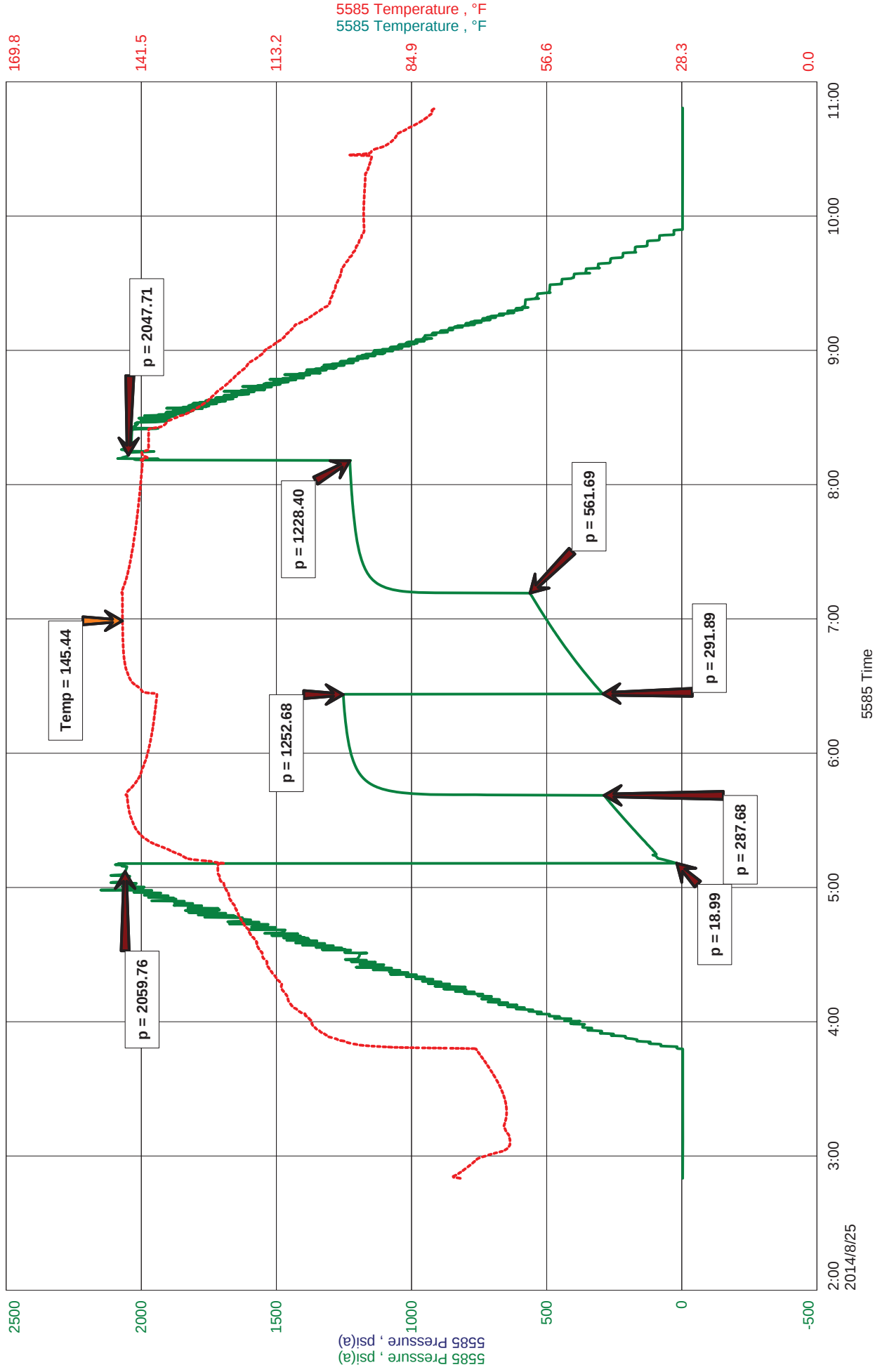
Final Hydrostatic Pressure..... (H) 1966 P.S.I.

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.

RITCHIE EXPLORATION INC
DST2 LANS"C"4268-4298
Start Test Date: 2014/08/25
Final Test Date: 2014/08/25

BRINEY-KRAMER 1
Formation: DST2 LANS"C"4268-4298
Pool: WILDCAT
Job Number: A081

BRINEY-KRAMER 1



DIAMOND TESTING, LLC

TESTER : ANDY CARREIRA
CELL # 620-617-7202

General Information

Company Name	RITCHIE EXPLORATION INC	Job Number	A081
Contact	JUSTIN CLEGG	Representative	ANDY CARREIRA
Well Name	BRINEY-KRAMER 1	Well Operator	RITCHIE EXPLORATION INC
Unique Well ID	DST2 LANS"C"4268-4298	Report Date	2014/08/25
Surface Location	SEC 36-4S-37W CHEYENNE CNTY,KS	Prepared By	ANDY CARREIRA
Well License Number			
Field	WILDCAT		
Well Type	Vertical		

Test Information

Test Type	CONVENTIONAL
Formation	DST2 LANS"C"4268-4298
Well Fluid Type	01 Oil
Test Purpose	Initial Test

Start Test Date	2014/08/25	Start Test Time	02:50:00
Final Test Date	2014/08/25	Final Test Time	10:48:00

Gauge Name	5585
------------	------

Test Results

RECOVERY:	640' SOSGMW	CHLORIDES: 32000
	504' GMW	RW: .17 @ 87 deg
	1144' TOTAL FLUID	Ph: 7

TOOL SAMPLE: TRACE OIL, WATER



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: BRINEY-KRAMER 1 DST2

TIME ON: 02:50
TIME OFF: 10:48

Company ITCHIE EXPLORATION INC. Lease & Well No. BRINEY-KRAMER 1
Contractor WW 4 Charge to ITCHIE EXPLORATION INC
Elevation 3381 KB Formation LANS"C" Effective Pay _____ Ft. Ticket No. A081
Date 8-25-14 Sec. 36 Twp. 4 S Range 37 W County CHEYENNE State KANSAS
Test Approved By MAX LOVELY Diamond Representative ANDY CARREIRA

Formation Test No. 2 Interval Tested from 4268 ft. to 4298 ft. Total Depth 4298 ft.

Packer Depth 4263 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Packer Depth 4268 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4249 ft. Recorder Number 5585 Cap. 5000 P.S.I.

Bottom Recorder Depth (Outside) 4270 ft. Recorder Number 8471 Cap. 10000 P.S.I.

Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 51 Drill Collar Length 122.62 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 1500 P.P.M. Drill Pipe Length 4112.38 ft. I.D. 3 1/2 in.

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

Did Well Flow? NO Reversed Out NO Anchor Length 30 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: BOB IN 7 MIN. (NObb)

2nd Open: BOB IN 9 MIN. (NObb)

Recovered 640 ft. of SOSGMW

Recovered 504 ft. of GMW

Recovered 1144 ft. of TOTAL FLUID CHLORIDES: 32000

Recovered _____ ft. of RW: .17 @ 87 deg

Recovered _____ ft. of Ph: 7 Price Job _____

Recovered _____ ft. of _____ Other Charges _____

Remarks: _____ Insurance _____

TOOL SAMPLE: TRACE OIL, WATER

Time Set Packer(s) 5:11 AM A.M. P.M. Time Started Off Bottom 8:11 AM A.M. P.M. Maximum Temperature 145

Initial Hydrostatic Pressure..... (A) 2060 P.S.I.

Initial Flow Period..... Minutes 30 (B) 19 P.S.I. to (C) 288 P.S.I.

Initial Closed In Period..... Minutes 45 (D) 1253 P.S.I.

Final Flow Period..... Minutes 45 (E) 292 P.S.I. to (F) 562 P.S.I.

Final Closed In Period..... Minutes 60 (G) 1228 P.S.I.

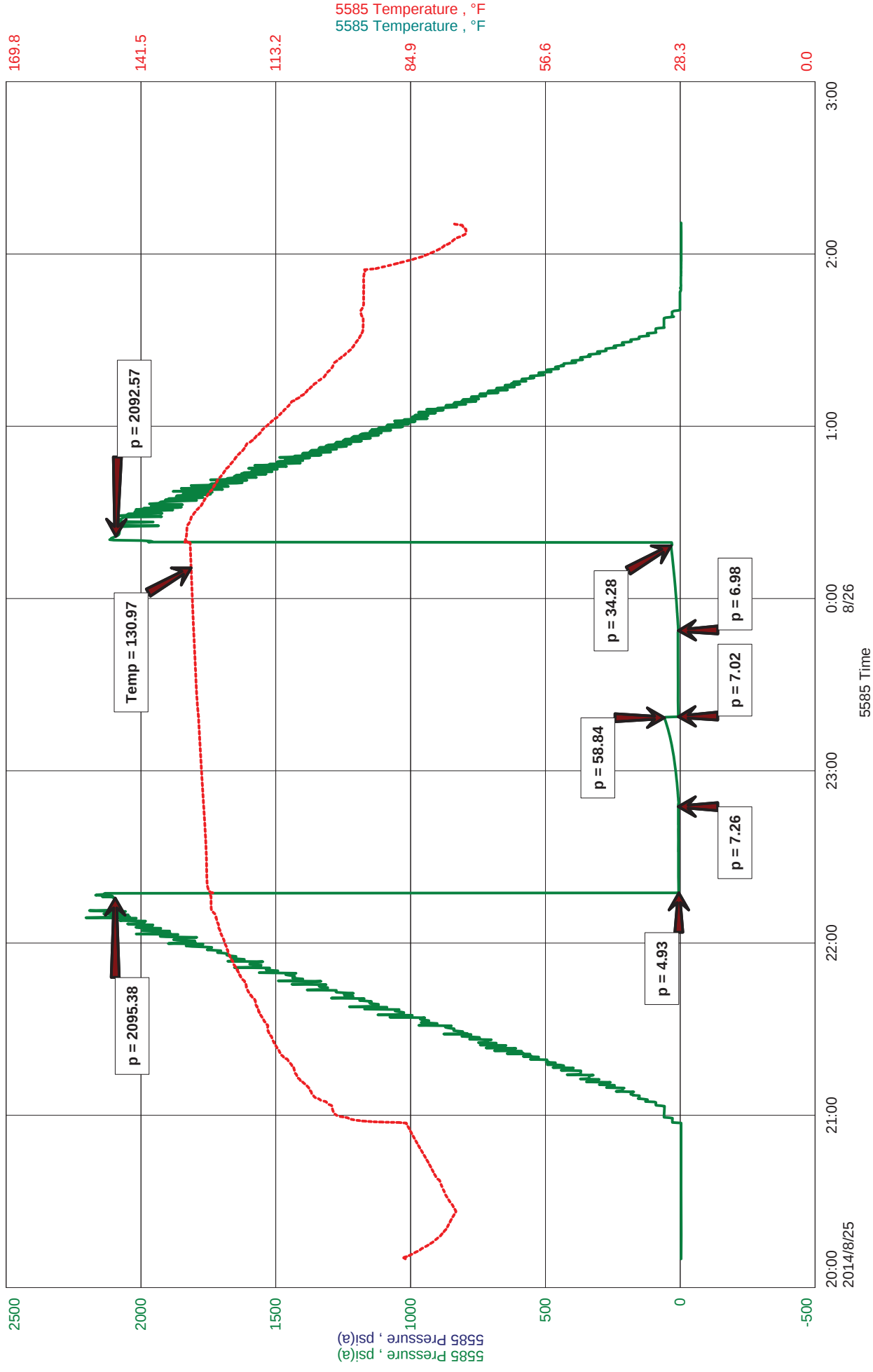
Final Hydrostatic Pressure..... (H) 2048 P.S.I.

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.

RITCHIE EXPLORATION INC
DST3 LANS"F"4315-4347
Start Test Date: 2014/08/25
Final Test Date: 2014/08/26

BRINEY-KRAMER 1
Formation: DST3 LANS"F"4315-4347
Pool: WILDCAT
Job Number: A082

BRINEY-KRAMER 1



DIAMOND TESTING, LLC

TESTER : ANDY CARREIRA
CELL # 620-617-7202

General Information

Company Name	RITCHIE EXPLORATION INC	Job Number	A082
Contact	JUSTIN CLEGG	Representative	ANDY CARREIRA
Well Name	BRINEY-KRAMER 1	Well Operator	RITCHIE EXPLORATION INC
Unique Well ID	DST3 LANS"F"4315-4347	Report Date	2014/08/25
Surface Location	SEC 36-4S-37W CHEYENNE CNTY,KS	Prepared By	ANDY CARREIRA
Well License Number			
Field	WILDCAT		
Well Type	Vertical		

Test Information

Test Type	CONVENTIONAL
Formation	DST3 LANS"F"4315-4347
Well Fluid Type	01 Oil
Test Purpose	Initial Test

Start Test Date	2014/08/25	Start Test Time	20:10:00
Final Test Date	2014/08/26	Final Test Time	02:11:00

Gauge Name	5585
------------	------

Test Results

RECOVERED: 5' DM 100% MUD
5' TOTAL FLUID

TOOL SAMPLE: 100% DM FEW OIL SPECKS



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: BRINEY-KRAMER 1 DST3

TIME ON: 20:10 (8-25)
TIME OFF: 02:11 (8-26)

Company ITCHIE EXPLORATION INC. Lease & Well No. BRINEY-KRAMER 1
Contractor WW 4 Charge to ITCHIE EXPLORATION INC
Elevation 3381 KB Formation LANS" F" Effective Pay _____ Ft. Ticket No. A082
Date 8-25-14 Sec. 36 Twp. 4 S Range 37 W County CHEYENNE State KANSAS
Test Approved By MAX LOVELY Diamond Representative ANDY CARREIRA

Formation Test No. 3 Interval Tested from 4315 ft. to 4347 ft. Total Depth 4347 ft.

Packer Depth 4310 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Packer Depth 4315 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4296 ft. Recorder Number 5585 Cap. 5000 P.S.I.

Bottom Recorder Depth (Outside) 4317 ft. Recorder Number 8471 Cap. 10000 P.S.I.

Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 55 Drill Collar Length 122.62 ft. I.D. 2 1/4 in.

Weight 9.1 Water Loss 8.8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.

Chlorides 2200 P.P.M. Drill Pipe Length 4159.38 ft. I.D. 3 1/2 in.

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

Did Well Flow? NO Reversed Out NO Anchor Length 32 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" BLOW DECREASING IN 15 MIN - DIED IN 27 MIN (NOBB)

2nd Open: WEAK SURFACE BLOW DIED IN 10 MIN (NOBB)

Recovered 5 ft. of DM 100% MUD

Recovered 5 ft. of TOTAL FLUID

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: _____

Price Job

Other Charges

Insurance

Total

TOOL SAMPLE: 100% DM FEW OIL SPECKS

Time Set Packer(s) 10:18 P.M. A.M. P.M. Time Started Off Bottom 12:18 A.M. A.M. P.M. Maximum Temperature 131

Initial Hydrostatic Pressure..... (A) 2,095 P.S.I.

Initial Flow Period..... Minutes 30 (B) 5 P.S.I. to (C) 7 P.S.I.

Initial Closed In Period..... Minutes 30 (D) 59 P.S.I.

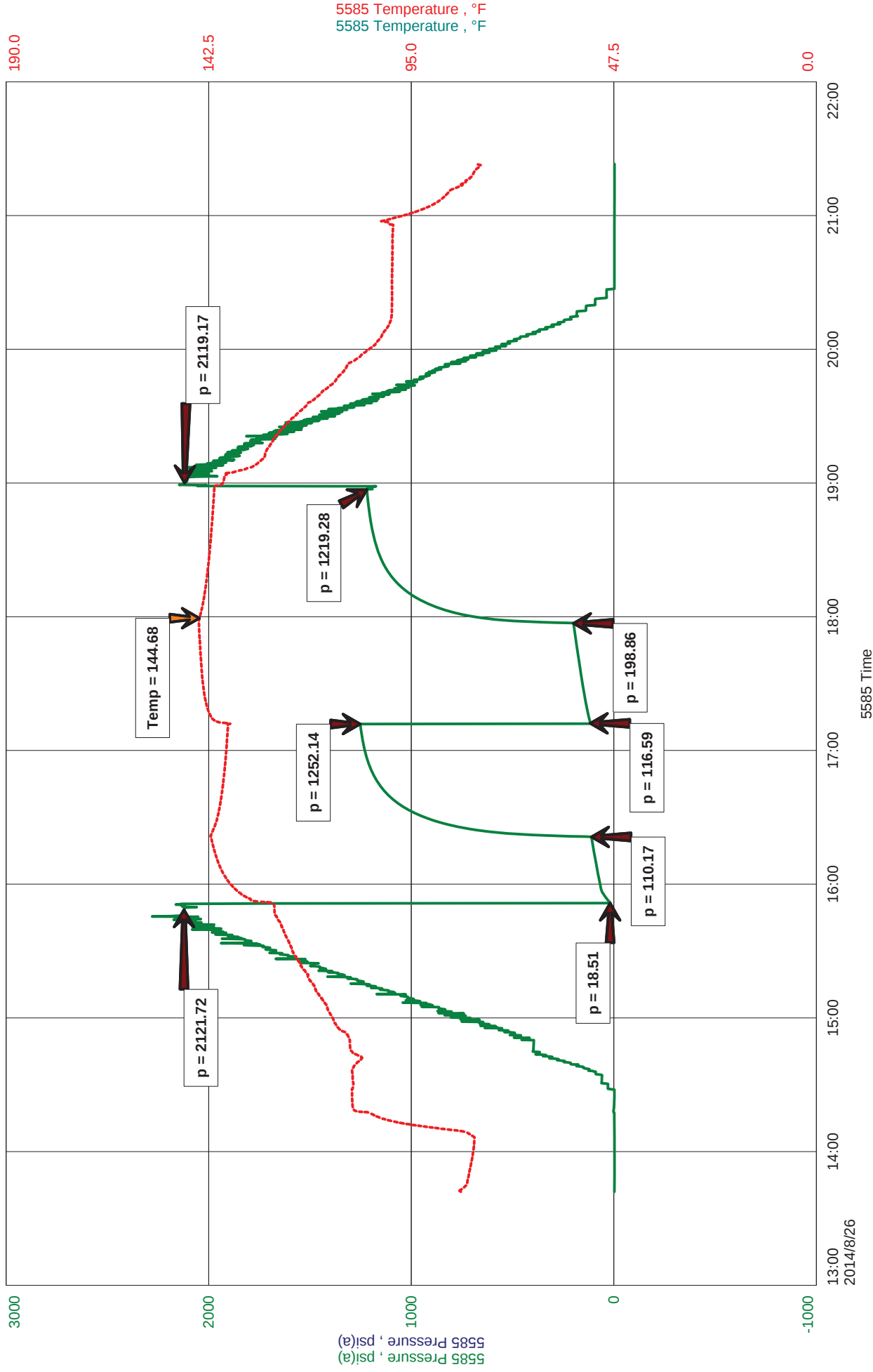
Final Flow Period..... Minutes 30 (E) 7 P.S.I. to (F) 7 P.S.I.

Final Closed In Period..... Minutes 30 (G) 34 P.S.I.

Final Hydrostatic Pressure..... (H) 2,093 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.

BRINEY-KRANER #1



DIAMOND TESTING, LLC

TESTER : ANDY CARREIRA
CELL # 620-617-7202

General Information

Company Name	RITCHIE EXPLORATION, INC	Job Number	
Contact	JUSTIN CLEGG	Representative	ROGER D. FRIEDLY
Well Name	BRINEY-KRANER #1	Well Operator	RITCHIE EXPLORATION, INC,
Unique Well ID	DST #4 LKC 'H' 4,362-4,422	Report Date	2014/08/26
Surface Location	SEC 36-4S-37W CHEYENNE CNTY, KS	Prepared By	ROGER D. FRIEDLY
Well License Number			
Field	WILDCAT		
Well Type	Vertical		

Test Information

Test Type	CONVENTIONAL
Formation	DST #4 LKC 'H' 4,362-4,422
Well Fluid Type	06 Water
Test Purpose	Initial Test

Start Test Date	2014/08/26	Start Test Time	13:42:00
Final Test Date	2014/08/26	Final Test Time	21:23:00

Gauge Name	5585
------------	------

Test Results

RECOVERED:	31'	MW 95% WTR, 5% MUD - FEW OIL SPOTS
	371'	SW 100% WTR - NO SHOW
	402'	TOTAL FLUID

TOOL SAMPLE: 100% SW - FEW OIL SPOTS

CHLORIDES: 29,000 Ppm
PH: 7.0
RW: .19 @ 80 deg



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: BRINEY-KRAMER 1 DST4

TIME ON: 13:42
TIME OFF: 21:23

Company ITCHIE EXPLORATION INC. Lease & Well No. BRINEY-KRAMER 1
Contractor WW 4 Charge to ITCHIE EXPLORATION INC
Elevation 3381 KB Formation LANS" H " Effective Pay _____ Ft. Ticket No. _____
Date 8-26-14 Sec. 36 Twp. _____ 4 S Range _____ 37 W County CHEYENNE State KANSAS
Test Approved By MAX LOVELY Diamond Representative ANDY CARREIRA

Formation Test No. 4 Interval Tested from 4,362' ft. to 4,422' ft. Total Depth 4,422' ft.

Packer Depth 4,357 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Packer Depth 4,362 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4,343 ft. Recorder Number _____ 5585 Cap. _____ 5000 P.S.I.

Bottom Recorder Depth (Outside) 4,399 ft. Recorder Number _____ 8471 Cap. _____ 10000 P.S.I.

Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 50 Drill Collar Length 122.62 ft. I.D. 2 1/4 in.

Weight 9.3 Water Loss 8.0 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.

Chlorides 2,000 P.P.M. Drill Pipe Length 4,206.38 ft. I.D. 3 1/2 in.

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

Did Well Flow? NO Reversed Out NO Anchor Length 60 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: FAIR 1" BLOW INCREASING TO BOTTOM OF BUCKET IN 27 1/2 MIN (NOBB)

2nd Open: WEAK SURFACE INCREASING TO BOTTOM OF BUCKET IN 39 MIN (NOBB)

Recovered 31 ft. of MW 95% WTR, 5% MUD FEW OIL SPOTS

Recovered 371 ft. of SW 100% WTR - NO SHOW

Recovered 402 ft. of TOTAL FLUID

Recovered _____ ft. of CHLORIDES 29,000 Ppm

Recovered _____ ft. of PH 7.0 Price Job _____

Recovered _____ ft. of RW .19 @ 80 deg Other Charges _____

Remarks: _____ Insurance _____

TOOL SAMPLE: 100% SW - FEW OIL SPOTS

Time Set Packer(s) 3:51 P.M. A.M. P.M. Time Started Off Bottom 6:51 P.M. A.M. P.M. Maximum Temperature 145

Initial Hydrostatic Pressure..... (A) 2,122 P.S.I.

Initial Flow Period..... Minutes 30 (B) 19 P.S.I. to (C) 110 P.S.I.

Initial Closed In Period..... Minutes 45 (D) 1,252 P.S.I.

Final Flow Period..... Minutes 45 (E) 117 P.S.I. to (F) 199 P.S.I.

Final Closed In Period..... Minutes 60 (G) 1,219 P.S.I.

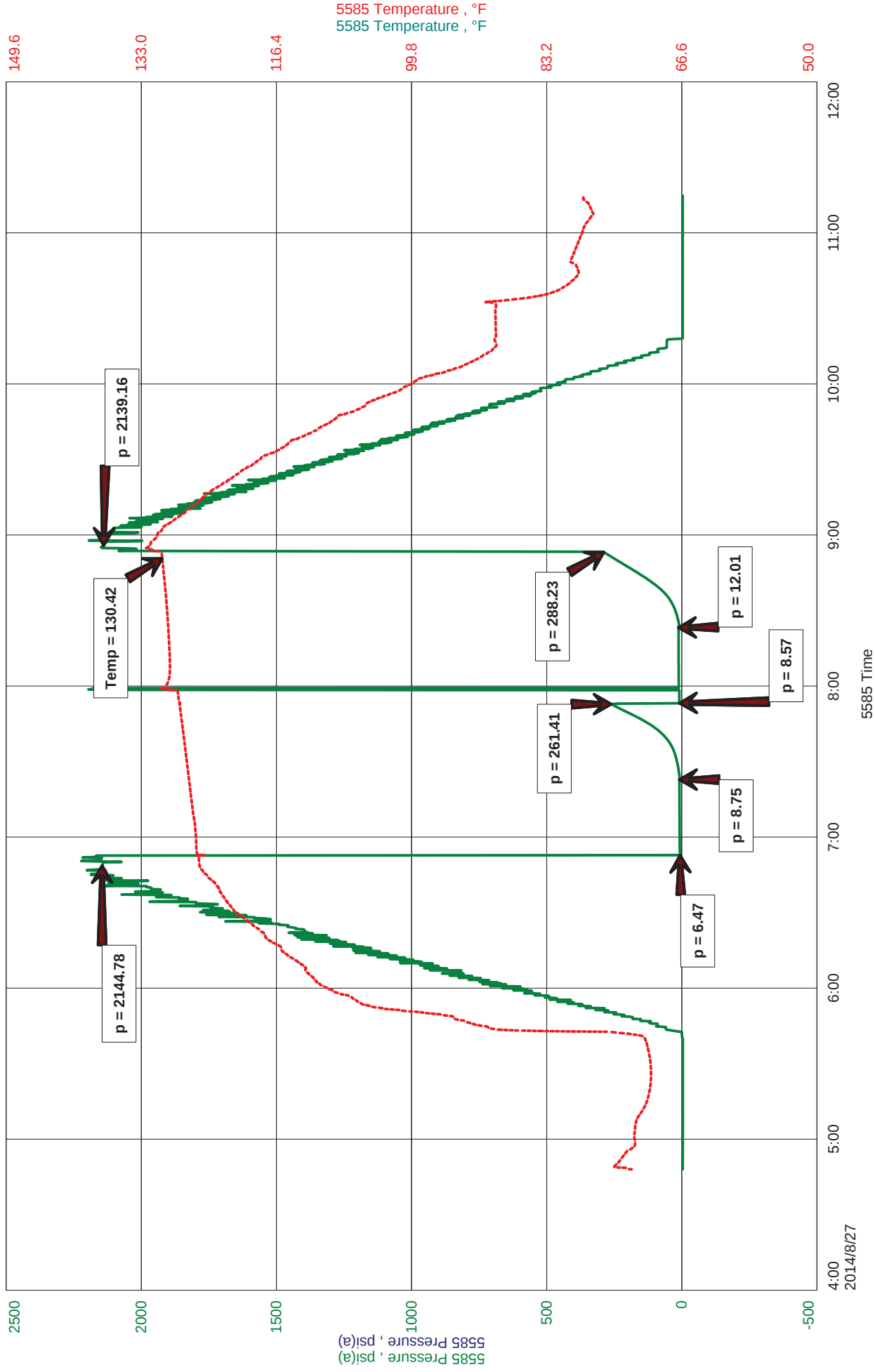
Final Hydrostatic Pressure..... (H) 2,119 P.S.I.

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.

RITCHIE EXPLORATION INC
DST5 LANS"J"4400-4446
Start Test Date: 2014/08/27
Final Test Date: 2014/08/27

BRINEY-KRAMER 1
Formation: DST5 LANS"J"4400-4446
Pool: WILDCAT
Job Number: A083

BRINEY-KRAMER 1



DIAMOND TESTING, LLC

TESTER : ANDY CARREIRA
CELL # 620-617-7202

General Information

Company Name	RITCHIE EXPLORATION INC	Job Number	A083
Contact	JUSTIN CLEGG	Representative	ANDY CARREIRA
Well Name	BRINEY-KRAMER 1	Well Operator	RITCHIE EXPLORATION INC
Unique Well ID	DST5 LANS"J"4400-4446	Report Date	2014/08/27
Surface Location	SEC 36-4S-37W CHEYENNE CNTY,KS	Prepared By	ANDY CARREIRA
Well License Number			
Field	WILDCAT		
Well Type	Vertical		

Test Information

Test Type	CONVENTIONAL
Formation	DST5 LANS"J"4400-4446
Well Fluid Type	01 Oil
Test Purpose	Initial Test

Start Test Date	2014/08/27	Start Test Time	04:48:00
Final Test Date	2014/08/27	Final Test Time	11:15:00

Gauge Name	5585
------------	------

Test Results

RECOVERY: 5' DM 100% MUD

TOOL SAMPLE: 100% MUD



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: BRINEY-KRAMER 1 DST5

TIME ON: 04:48
TIME OFF: 11:15

Company ITCHIE EXPLORATION INC. Lease & Well No. BRINEY-KRAMER 1
Contractor WW 4 Charge to ITCHIE EXPLORATION INC
Elevation 3381 KB Formation LANS"J" Effective Pay _____ Ft. Ticket No. A083
Date 8-27-14 Sec. 36 Twp. _____ 4 S Range _____ 37 W County CHEYENNE State KANSAS
Test Approved By MAX LOVELY Diamond Representative ANDY CARREIRA

Formation Test No. 5 Interval Tested from 4400 ft. to 4446 ft. Total Depth 4446 ft.

Packer Depth 4395 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Packer Depth 4400 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4391 ft. Recorder Number _____ Cap. 5000 P.S.I.

Bottom Recorder Depth (Outside) 4448 ft. Recorder Number _____ Cap. 10000 P.S.I.

Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 50 Drill Collar Length 122.62 ft. I.D. 2 1/4 in.

Weight 9.3 Water Loss 8.0 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.

Chlorides 2,000 P.P.M. Drill Pipe Length 4244.38 ft. I.D. 3 1/2 in.

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

Did Well Flow? NO Reversed Out NO Anchor Length 46 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: DEAD IN 7 MIN. (NObb)

2nd Open: NO BLOW, FLUSHED, SURGED, NO BLOW (NObb)

Recovered 5 ft. of DM 100% MUD

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: _____

TOOL SAMPLE: 100% MUD2145

Time Set Packer(s) 6:53 AM A.M. P.M. Time Started Off Bottom 8:53 AM A.M. P.M. Maximum Temperature 130

Initial Hydrostatic Pressure..... (A) 2145 P.S.I.

Initial Flow Period..... Minutes 30 (B) 6 P.S.I. to (C) 9 P.S.I.

Initial Closed In Period..... Minutes 30 (D) 261 P.S.I.

Final Flow Period..... Minutes 30 (E) 9 P.S.I. to (F) 12 P.S.I.

Final Closed In Period..... Minutes 30 (G) 288 P.S.I.

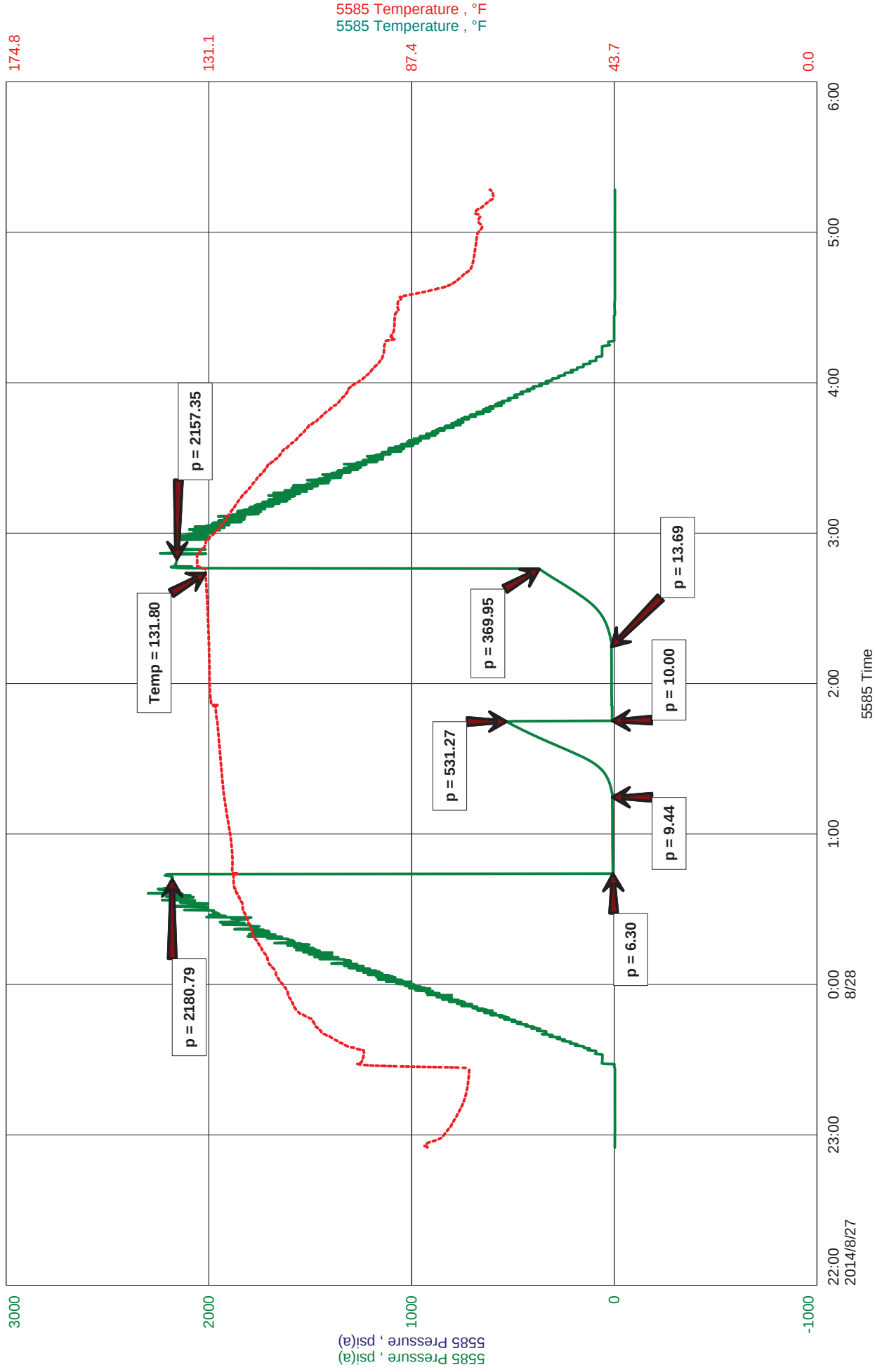
Final Hydrostatic Pressure..... (H) 2139 P.S.I.

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.

RITCHIE EXPLORATION INC
DST6 LANS"L"PLEAS.4482-4522
Start Test Date: 2014/08/27
Final Test Date: 2014/08/28

BRINEY-KRAMER 1
Formation: DST6 LANS"L"PLEAS.4482-4522
Pool: WILDCAT
Job Number: A084

BRINEY-KRAMER 1



DIAMOND TESTING, LLC

TESTER : ANDY CARREIRA
CELL # 620-617-7202

General Information

Company Name	RITCHIE EXPLORATION INC	Job Number	A084
Contact	JUSTIN CLEGG	Representative	ANDY CARREIRA
Well Name	BRINEY-KRAMER 1	Well Operator	RITCHIE EXPLORATION INC
Unique Well ID	DST6 LANS"L"PLEAS.4482-4522	Report Date	2014/08/27
Surface Location	SEC 36-4S-37W CHEYENNE,CNTY. KS	Prepared By	ANDY CARREIRA
Well License Number			
Field	WILDCAT		
Well Type	Vertical		

Test Information

Test Type	CONVENTIONAL
Formation	DST6 LANS"L"PLEAS.4482-4522
Well Fluid Type	01 Oil
Test Purpose	Initial Test

Start Test Date	2014/08/27	Start Test Time	22:55:00
Final Test Date	2014/08/28	Final Test Time	05:17:00

Gauge Name	5585
------------	------

Test Results

RECOVERY: 3' DM 100%MUD

TOOL SAMPLE: DRILLING MUD 100%MUD



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: BRINEY-KRAMER 1 DST6

TIME ON: 22:55
TIME OFF: 05:17

Company ITCHIE EXPLORATION INC. Lease & Well No. BRINEY-KRAMER 1
Contractor WW 4 Charge to ITCHIE EXPLORATION INC
Elevation 3381 KB Formation LANS" L" PLEAS. Effective Pay _____ Ft. Ticket No. A084
Date 8-27-14 Sec. 36 Twp. 4 S Range 37 W County CHEYENNE State KANSAS
Test Approved By MAX LOVELY Diamond Representative ANDY CARREIRA

Formation Test No. 6 Interval Tested from 4482 ft. to 4522 ft. Total Depth 4522 ft.

Packer Depth 4477 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Packer Depth 4482 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4463 ft. Recorder Number _____ Cap. 5000 P.S.I.

Bottom Recorder Depth (Outside) 4484 ft. Recorder Number _____ Cap. 10000 P.S.I.

Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 48 Drill Collar Length 122.62 ft. I.D. 2 1/4 in.

Weight 9.3 Water Loss 8.0 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.

Chlorides 1500 P.P.M. Drill Pipe Length 4326.38 ft. I.D. 3 1/2 in.

Jars: Make STERLING Serial Number N/A 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: DEAD IN 5 MIN. (NObb)

2nd Open: NO BLOW, FLUSHED, SURGED, NO BLOW (NObb)

Recovered 3 ft. of DM 100% MUD

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: _____

TOOL SAMPLE: MUD 100%MUD

Time Set Packer(s) 12:45 AM A.M. P.M. Time Started Off Bottom 2:45 AM A.M. P.M. Maximum Temperature 132

Initial Hydrostatic Pressure..... (A) 2181 P.S.I.

Initial Flow Period..... Minutes 30 (B) 6 P.S.I. to (C) 9 P.S.I.

Initial Closed In Period..... Minutes 30 (D) 531 P.S.I.

Final Flow Period..... Minutes 30 (E) 10 P.S.I. to (F) 14 P.S.I.

Final Closed In Period..... Minutes 30 (G) 370 P.S.I.

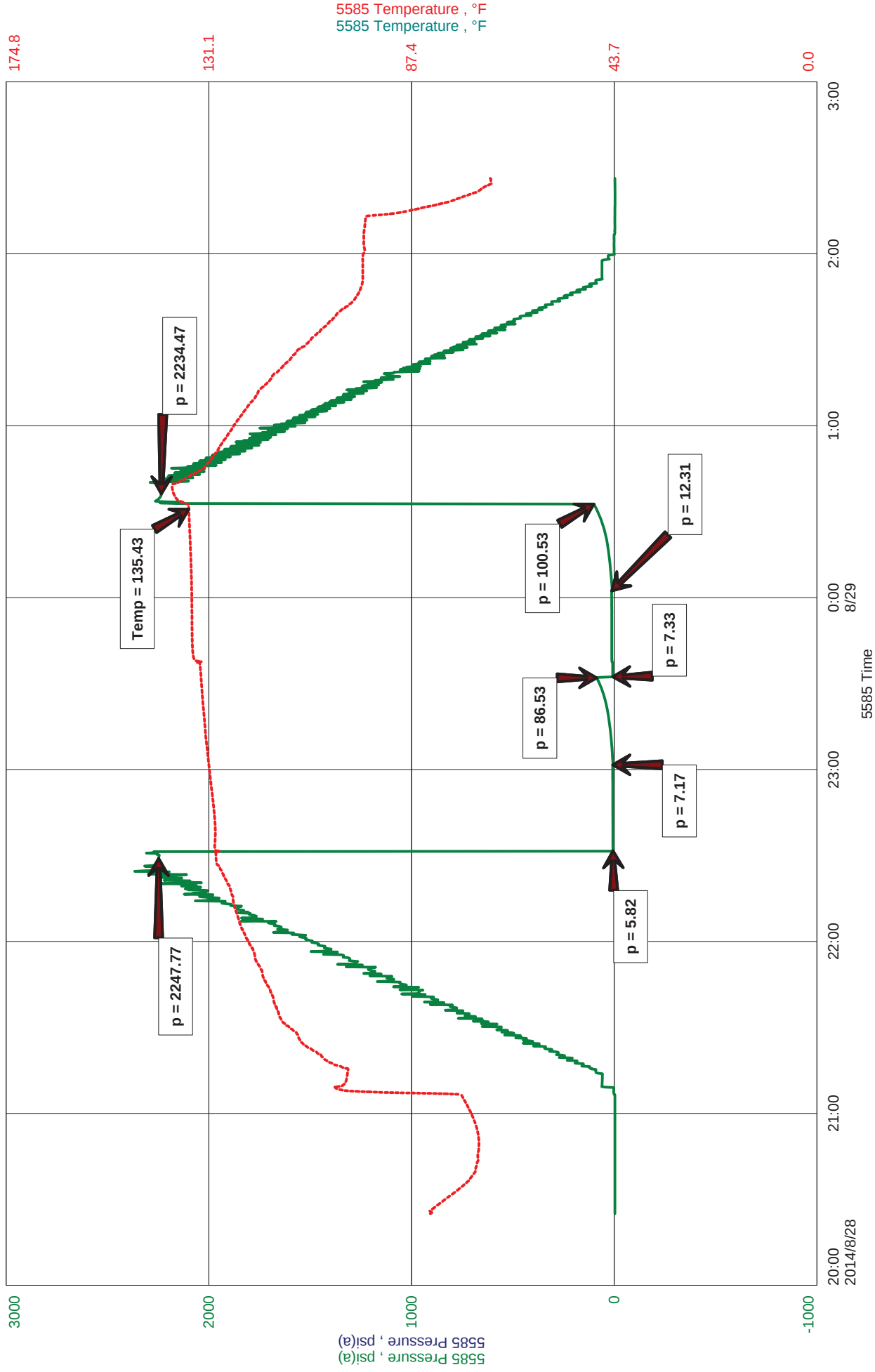
Final Hydrostatic Pressure..... (H) 2157 P.S.I.

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.

RITCHIE EXPLORATION INC
DST7"PAWNEE"4610-4650
Start Test Date: 2014/08/28
Final Test Date: 2014/08/29

BRITNEY-KRAMER 1
Formation: DST7"PAWNEE"4610-4650
Pool: WILDCAT
Job Number: A085

BRITNEY-KRAMER 1



DIAMOND TESTING, LLC

TESTER : ANDY CARREIRA
CELL # 620-617-7202

General Information

Company Name	RITCHIE EXPLORATION INC	Job Number	A085
Contact	JUSTIN CLEGG	Representative	ANDY CARREIRA
Well Name	BRITNEY-KRAMER 1	Well Operator	RITCHIE EXPLORATION
Unique Well ID	DST7"PAWNEE"4610-4650	Report Date	2014/08/28
Surface Location	SEC 36-4S-37W CHEYENNE CNTY,KS	Prepared By	ANDY CARREIRA
Well License Number			
Field	WILDCAT		
Well Type	Vertical		

Test Information

Test Type	CONVENTIONAL
Formation	DST7"PAWNEE"4610-4650
Well Fluid Type	01 Oil
Test Purpose	Initial Test

Start Test Date	2014/08/28	Start Test Time	20:25:00
Final Test Date	2014/08/29	Final Test Time	02:26:00

Gauge Name	5585
------------	------

Test Results

RECOVERY: 3' DM 100%MUD

TOOL SAMPLE: 100% MUD



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: BRINEY-KRAMER 1 DST7

TIME ON: 20:25
TIME OFF: 02:26

Company ITCHIE EXPLORATION INC. Lease & Well No. BRINEY-KRAMER 1
Contractor WW 4 Charge to ITCHIE EXPLORATION INC
Elevation 3381 KB Formation PAWNEE Effective Pay _____ Ft. Ticket No. A085
Date 8-28-14 Sec. 36 Twp. 4 S Range 37 W County CHEYENNE State KANSAS
Test Approved By MAX LOVELY Diamond Representative ANDY CARREIRA

Formation Test No. 7 Interval Tested from 4610 ft. to 4650 ft. Total Depth 4650 ft.

Packer Depth 4605 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Packer Depth 4610 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4591 ft. Recorder Number 5585 Cap. 5000 P.S.I.

Bottom Recorder Depth (Outside) 4612 ft. Recorder Number 8471 Cap. 10000 P.S.I.

Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 48 Drill Collar Length 122.62 ft. I.D. 2 1/4 in.

Weight 9.3 Water Loss 8.0 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.

Chlorides 1000 P.P.M. Drill Pipe Length 4454.38 ft. I.D. 3 1/2 in.

Jars: Make STERLING Serial Number N/A 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: DEAD IN 7 MIN. (NObb)

2nd Open: NO BLOW, FLUSHED, SURGED, NO BLOW (NObb)

Recovered 3 ft. of DM 100%MUD

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: _____

TOOL SAMPLE: 100% MUD

Time Set Packer(s) 10:32 PM A.M. P.M. Time Started Off Bottom 12:32 AM A.M. P.M. Maximum Temperature 135

Initial Hydrostatic Pressure..... (A) 2248 P.S.I.

Initial Flow Period..... Minutes 30 (B) 6 P.S.I. to (C) 7 P.S.I.

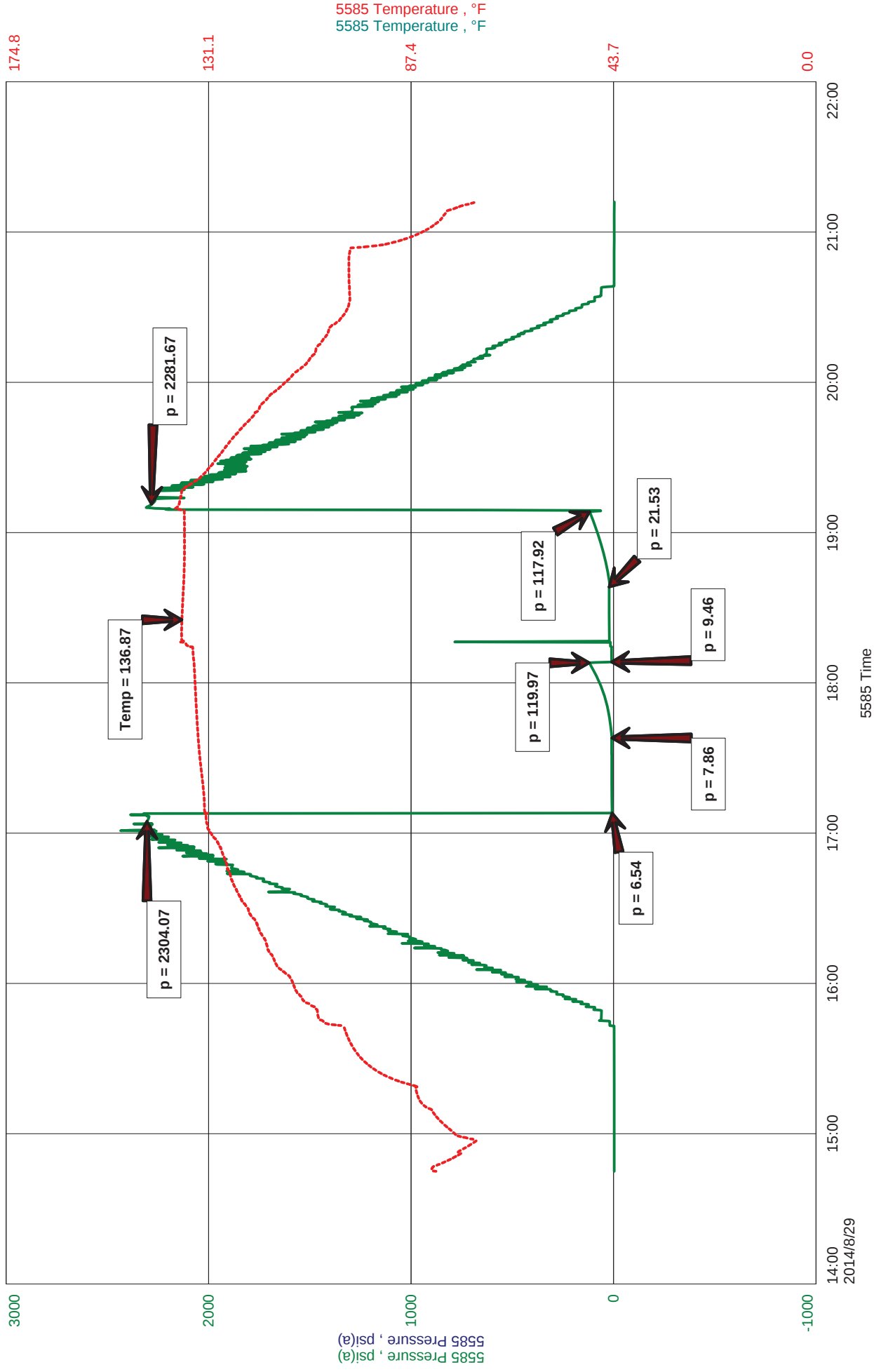
Initial Closed In Period..... Minutes 30 (D) 87 P.S.I.

Final Flow Period..... Minutes 30 (E) 7 P.S.I. to (F) 12 P.S.I.

Final Closed In Period..... Minutes 30 (G) 101 P.S.I.

Final Hydrostatic Pressure..... (H) 2234 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, LLC

TESTER : ANDY CARREIRA
CELL # 620-617-7202

General Information

Company Name	RITCHIE EXPLORATION INC	JUSTIN CLEGG	Job Number	A086
Contact		BRINEY-KRAMER 1	Representative	ANDY CARREIRA
Well Name		DST8"MYRIC,FT SCOTT,CHERO"4646-4728	Well Operator	RITCHIE EXPLORATION INC
Unique Well ID		SEC 36-4S-37W CHEYENNE CNTY,KS	Report Date	2014/08/29
Surface Location			Prepared By	ANDY CARREIRA
Well License Number				
Field		WILDCAT		
Well Type		Vertical		

Test Information

Test Type	CONVENTIONAL
Formation	DST8"MYRIC,FT SCOTT,CHERO"4646-4728
Well Fluid Type	01 Oil
Test Purpose	Initial Test

Start Test Date	2014/08/29	Start Test Time	14:45:00
Final Test Date	2014/08/29	Final Test Time	21:12:00

Gauge Name	5585
------------	------

Test Results

RECOVERY: 10' DM 100%MUD

TOOL SAMPLE: 100% MUD



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: BRINEY-KRAMER 1 DST8

TIME ON: 14:45
TIME OFF: 21:12

Company RITCHIE EXPLORATION INC. Lease & Well No. BRINEY-KRAMER 1
Contractor WW 4 Charge to RITCHIE EXPLORATION INC
Elevation 3381 KB Formation PAWNEE Effective Pay _____ Ft. Ticket No. A086
Date 8-29-14 Sec. 36 Twp. 4 S Range 37 W County CHEYENNE State KANSAS
Test Approved By MAX LOVELY Diamond Representative ANDY CARREIRA

Formation Test No. 8 Interval Tested from 4646 ft. to 4728 ft. Total Depth 4728 ft.

Packer Depth 4641 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Packer Depth 4646 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4627 ft. Recorder Number 5585 Cap. 5000 P.S.I.

Bottom Recorder Depth (Outside) 4648 ft. Recorder Number 8471 Cap. 10000 P.S.I.

Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 52 Drill Collar Length 122.62 ft. I.D. 2 1/4 in.

Weight 9.3 Water Loss 6.4 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.

Chlorides 1500 P.P.M. Drill Pipe Length 4490.38 ft. I.D. 3 1/2 in.

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

Did Well Flow? NO Reversed Out NO Anchor Length 82 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: DEAD IN 5 MIN. (NObb)

2nd Open: NO BLOW, FLUSHED, SURGED, NO BLOW (NObb)

Recovered 10 ft. of DM 100% MUD

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: _____

TOOL SAMPLE: 100% MUD

Time Set Packer(s) 5:08 PM A.M. P.M. Time Started Off Bottom 7:08 PM A.M. P.M. Maximum Temperature 137

Initial Hydrostatic Pressure..... (A) 2304 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) 120 P.S.I.

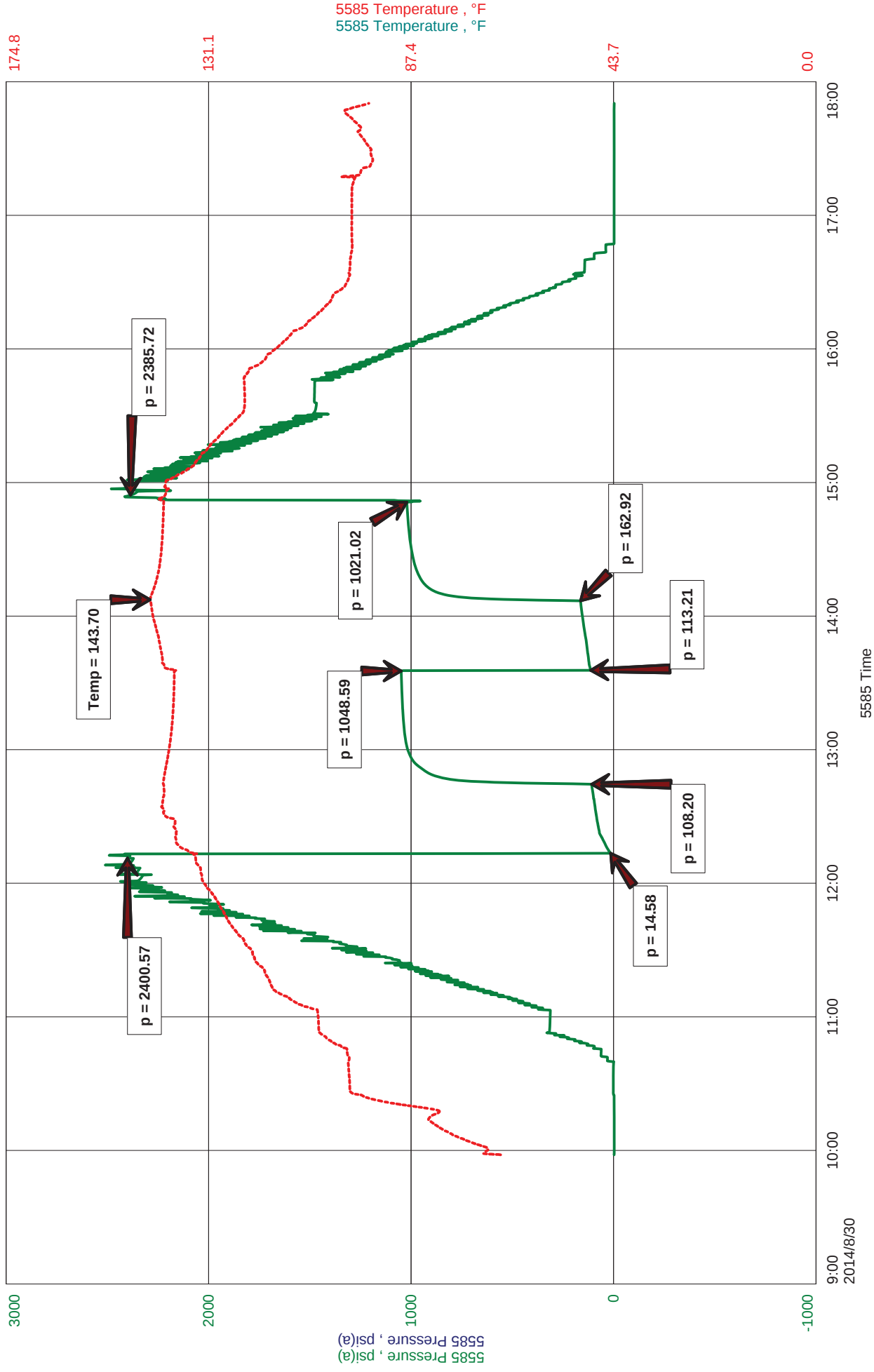
Final Flow Period..... Minutes 30 (E) 9 P.S.I. to (F) 22 P.S.I.

Final Closed In Period..... Minutes 30 (G) 118 P.S.I.

Final Hydrostatic Pressure..... (H) 2282 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.

BRINEY-KRAMER 1



DIAMOND TESTING, LLC

TESTER : ANDY CARREIRA
CELL # 620-617-7202

General Information

Company Name	RITCHIE EXPLORATION INC	Job Number	A087
Contact	JUSTIN CLEGG	Representative	ANDY CARREIRA
Well Name	BRINEY-KRAMER 1	Well Operator	RITCHIE EXPLORATION INC
Unique Well ID	DST9"CHEROKEE"4726-4834	Report Date	2014/08/30
Surface Location	SEC 36-4S-37W CHEYENNE CNTY,KS	Prepared By	ANDY CARREIRA
Well License Number			
Field	WILDCAT		
Well Type	Vertical		

Test Information

Test Type	CONVENTIONAL
Formation	DST9"CHEROKEE"4726-4834
Well Fluid Type	01 Oil
Test Purpose	Initial Test

Start Test Date	2014/08/30	Start Test Time	09:58:00
Final Test Date		Final Test Time	17:50:00

Gauge Name	5585
------------	------

Test Results

RECOVERY: 315' DM 10%W, 90%M

CHLORIDES: 1000

TOOL SAMPLE: MUD



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

TIME ON: 09:58
TIME OFF: 17:50

DRILL-STEM TEST TICKET
FILE: BRINEY-KRAMER 1 DST9

Company ITCHIE EXPLORATION INC. Lease & Well No. BRINEY-KRAMER 1
Contractor WW 4 Charge to ITCHIE EXPLORATION INC
Elevation 3381 KB Formation CHEROKEE Effective Pay _____ Ft. Ticket No. A087
Date 8-30-14 Sec. 36 Twp. _____ 4 S Range _____ 37 W County CHEYENNE State KANSAS
Test Approved By MAX LOVELY Diamond Representative ANDY CARREIRA

Formation Test No. 9 Interval Tested from 4726 ft. to 4834 ft. Total Depth 4834 ft.

Packer Depth 4721 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Packer Depth 4726 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4707 ft. Recorder Number 5585 Cap. 5000 P.S.I.

Bottom Recorder Depth (Outside) 4728 ft. Recorder Number 8471 Cap. 10000 P.S.I.

Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 50 Drill Collar Length 122.62 ft. I.D. 2 1/4 in.

Weight 9.3 Water Loss 6.4 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.

Chlorides 1500 P.P.M. Drill Pipe Length 4570.38 ft. I.D. 3 1/2 in.

Jars: Make STERLING Serial Number 09 Test Tool Length 33 ft. Tool Size 3 1/2-IF in.

Did Well Flow? NO Reversed Out NO Anchor Length 108 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: SLOW BUILD TO 8.5" IN 30 MIN. (NObb)

2nd Open: SLOW BUILD TO 5" IN 30 MIN. (NObb)

Recovered 315 ft. of DM 10%W, 90%M

Recovered _____ ft. of CHLORIDES: 1000

Recovered _____ ft. of

Recovered _____ ft. of

Recovered _____ ft. of

Recovered _____ ft. of

Remarks: _____

TOOL SAMPLE: MUD

Time Set Packer(s) 12:14 PM A.M. P.M. Time Started Off Bottom 2:44 PM A.M. P.M. Maximum Temperature 144

Initial Hydrostatic Pressure..... (A) 2401 P.S.I.

Initial Flow Period..... Minutes 30 (B) 15 P.S.I. to (C) 108 P.S.I.

Initial Closed In Period..... Minutes 45 (D) 1049 P.S.I.

Final Flow Period..... Minutes 30 (E) 113 P.S.I. to (F) 163 P.S.I.

Final Closed In Period..... Minutes 45 (G) 1021 P.S.I.

Final Hydrostatic Pressure..... (H) 2386 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.