

GENERAL INFORMATION

Client Information:

Company: L D DRILLING INC

Contact: L D DAVIS

Phone: Fax: e-mail:

Site Information:

Contact: JOSH AUSTIN

Phone: Fax: e-mail:

Well Information:

Name: CHRISTIANSEN 2-15

Operator: L D DRILLING INC

Location-Downhole:

Location-Surface: S15/21S/12W STAFFORD

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: JOSH AUSTIN

Test Type: CONVENTIONAL Job Number: D818

Test Unit:

Start Date: 2010/09/28 Start Time: 21:50:00

End Date: 2010/09/29 End Time: 05:30:00

Report Date: 2010/09/29 Prepared By: JOHN RIEDL

Remarks: Qualified By: JOSH AUSTIN

GAS TO SURFACE 1ST FLOW

RECOVERY: 500' WATER+MUD CUT GASSY OIL, 1000' GASSY WATER



DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313

ON 21:50 09/28/10

OFF 05:30 09/11/2010

DRILL-STEM TEST TICKET

FILEstc/CHristiansen2-15dst1

Company L D DRILLING INC Lease & Well No. CHRISTIANSEN 2-15
 Contractor PETROMARK RIG #2 Charge to L D DRILLING INC
 Elevation 1841 K.B Formation LANS "A-K" Effective Pay _____ Ft. Ticker No. D818
 Date 9/28/10 Sec. 15 Twp. 21 S Range 12 W County STAFFORD State KANSAS
 Test Approved By JOSH AUSTIN Diamond Representative JOHN C. RIEDL

Formation Test No. 1 Interval Tested from 3215 ft. to 3300 ft. Total Depth 3300 ft.
 Packer Depth 3210 ft. Size 6 3/4 in. Packer Depth _____ ft. Size 3350 in.
 Packer Depth 3215 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Depth of Selective Zone Set _____

Top Recorder Depth (Inside) _____ 3218 ft. Recorder Number 30046 Cap. 6,000 P.S.I.
 Bottom Recorder Depth (Outside) _____ 3297 ft. Recorder Number 11073 Cap. 4,000 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 67 Drill Collar Length 120 ft. I.D. 2 1/4 in.
 Weight 8.8 Water Loss 8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 2,000 P.P.M. Drill Pipe Length 3025 ft. I.D. 3 1/2 in.
 Jars: Make BOWEN Serial Number NOT USED Test Tool Length 20 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? NO Reversed Out NO Anchor Length 85 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: STRONG (B.O.B 1 MIN. CTS 15 MIN.) STRONG BB
 2nd Open: STRONG (B.O.B IMMEDIATE GTS THROUGHOUT) STRONG BB

Recovered 500 ft. of W+MCGO (10%WATER 10%MUD 30%GAS 50%OIL)
 Recovered 1000 ft. of GW (10%GAS 90%WATER) CHLORIDES 60,000Ppm

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Recovered _____ ft. of _____	Insurance
Remarks: <u>TOTAL FLUID RECOVERY:1500 (1380' IN DRILL PIPE,120' IN DRILL COLLARS)</u> <u>GAS GUAGED 2 TO 5 MCF/D; SAMPLE TAKED; GAS BURNED</u>	
	Total

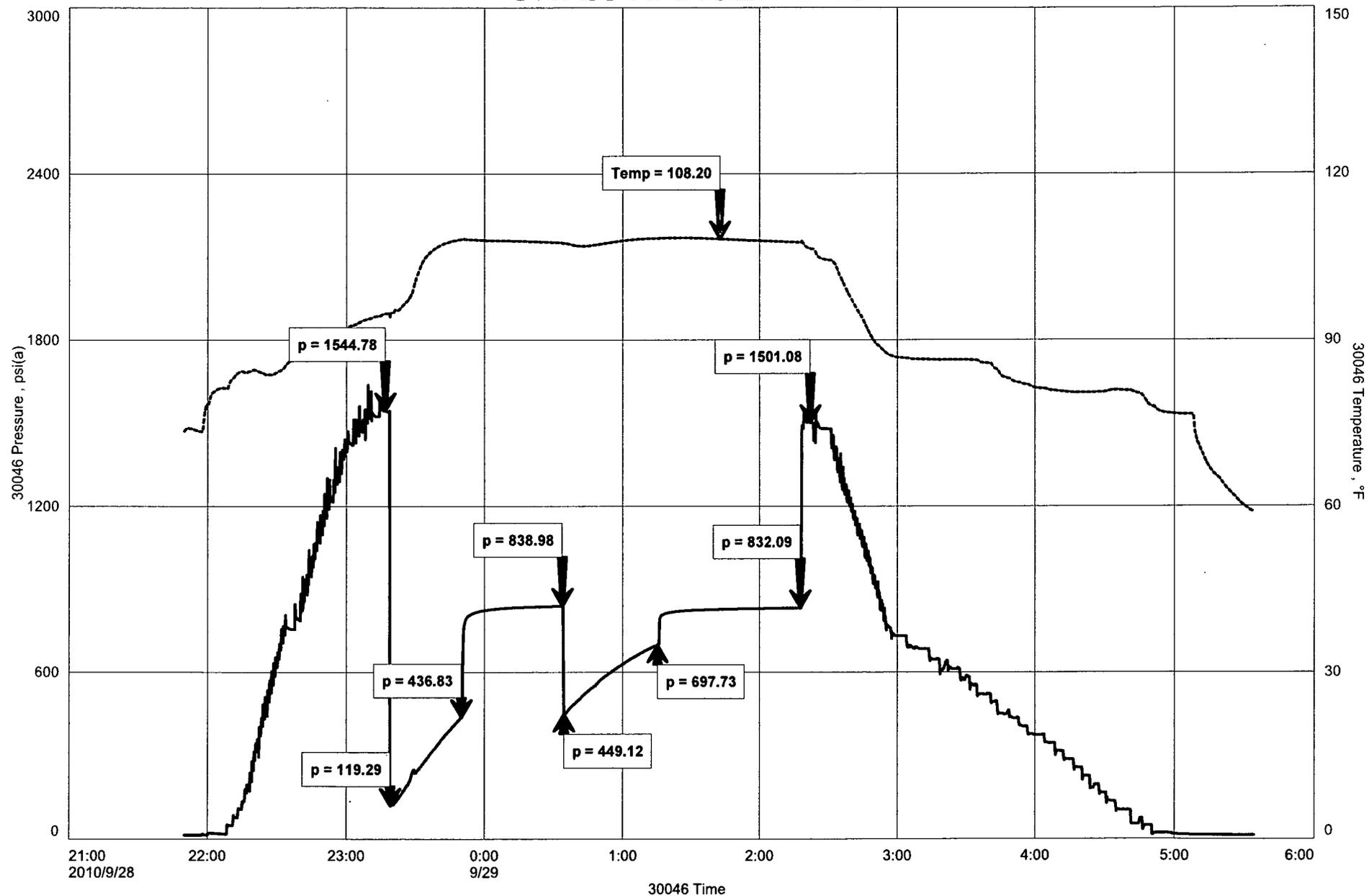
Time Set Packer(s) 11:15 P.M A.M. Time Started Off Bottom 2:15 A.M A.M. Maximum Temperature 108
P.M. P.M.
 Initial Hydrostatic Pressure (A) 1545 P.S.I.
 Initial Flow Period Minutes 30 (B) 119 P.S.I. to (C) 437 P.S.I.
 Initial Closed In Period Minutes 45 (D) 839 P.S.I.
 Final Flow Period Minutes 45 (E) 449 P.S.I. to (F) 698 P.S.I.
 Final Closed In Period Minutes 60 (G) 832 P.S.I.
 Final Hydrostatic Pressure (H) 1501 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.

L D DRILLING INC
Start Test Date: 2010/09/28
Final Test Date: 2010/09/29

CHRISTIANSEN 2-15
Formation: LANS A-F
Job Number: D818

CHRISTIANSEN 2-15



GENERAL INFORMATION

Client Information:

Company: L D DRILLING INC

Contact: L D DAVIS

Phone: Fax: e-mail:

Site Information:

Contact: JOSH AUSTIN

Phone: Fax: e-mail:

Well Information:

Name: CHRISTIANSEN 2-15

Operator: L D DRILLING INC

Location-Downhole:

Location-Surface: S15/21S/12W

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: JOSH AUSTIN

Test Type: CONVENTIONAL Job Number: D819

Test Unit:

Start Date: 2010/09/29 Start Time: 17:30:00

End Date: 2010/09/29 End Time: 23:45:00

Report Date: 2010/09/29 Prepared By: JOHN RIEDL

Qualified By: JOSH AUSTIN

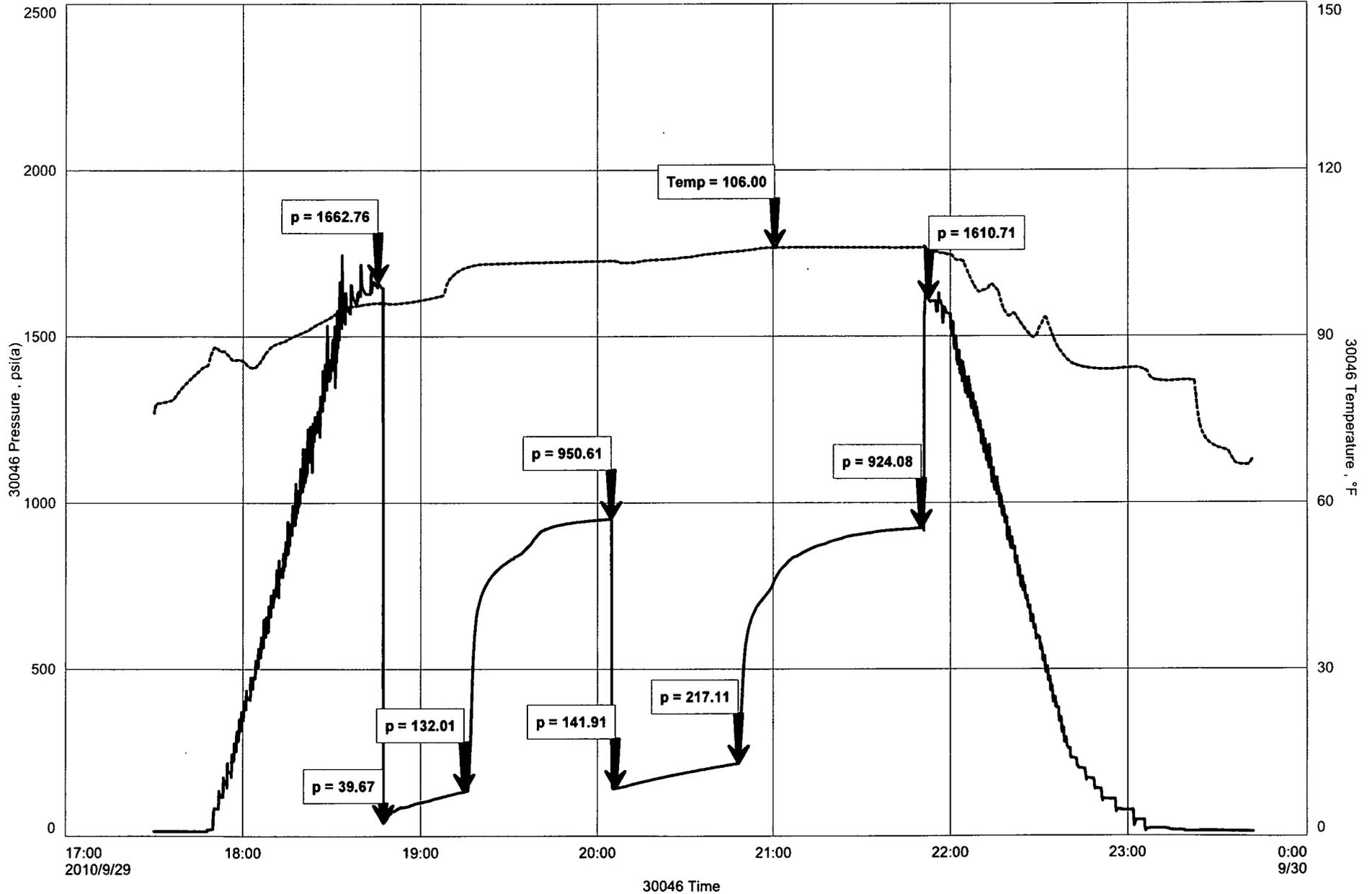
Remarks:

RECOVERY: 120' GIP. 180' SL OIL+GAS CUT MUD
250' SL MUD CUT GASSY WATER

L D DRILLING INC
Start Test Date: 2010/09/29
Final Test Date: 2010/09/29

CHRISTIANSEN 2-15
Formation: LKC J,I,K
Job Number: D819

CHRISTIANSEN 2-15





DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313

ON17 21:50 09/28/10

OFF 23:45 09//29/10

DRILL-STEM TEST TICKET

FILEstc/CHristiansen2-15dst2

Company L D DRILLING INC Lease & Well No. CHRISTIANSEN 2-15
 Contractor PETROMARK RIG #2 Charge to L D DRILLING INC
 Elevation 1841 K.B Formation LANS "i,j,k" Effective Pay _____ Ft. Ticker No. D819
 Date 9/29/10 Sec. 15 Twp. 21 S Range 12 W County STAFFORD State KANSAS
 Test Approved By JOSH AUSTIN Diamond Representative JOHN C. RIEDL

Formation Test No. 2 Interval Tested from 3366 ft. to 3440 ft. Total Depth 3440 ft.
 Packer Depth 3361 ft. Size 6 3/4 in. Packer Depth _____ ft. Size 3350 in.
 Packer Depth 3366 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Depth of Selective Zone Set _____

Top Recorder Depth (Inside) _____ ft. Recorder Number 30046 Cap. 6,000 P.S.I.
 Bottom Recorder Depth (Outside) _____ ft. Recorder Number 11073 Cap. 4,000 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 55 Drill Collar Length 120 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 5,000 P.P.M. Drill Pipe Length 3226 ft. I.D. 3 1/2 in.
 Jars: Make BOWEN Serial Number NOT USED Test Tool Length 20 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? NO Reversed Out NO Anchor Length 74 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: STRONG (B.O.B 10 MIN.) 2" BB
 2nd Open: STRONG (B.O.B 15 MIN.) 1" BB

Recovered 120 ft. of GAS IN PIPE
 Recovered 180 ft. of SLO+GCM (5%OIL 10%GAS 85%MUD)
 Recovered 250 ft. of SLMCGW (5%MUD 10%GAS 85%WATER) CHLORIDES 50,000Ppm

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: <u>TOTAL FLUID RECOVERY: 430' (310' IN DRILL PIPE, 120' IN DRILL COLLARS)</u>	Insurance
_____	Total

Time Set Packer(s) 6:40 P.M A.M. P.M. Time Started Off Bottom 9:40 P.M A.M. P.M. Maximum Temperature 106
 Initial Hydrostatic Pressure (A) 1663 P.S.I.
 Initial Flow Period Minutes 30 (B) 40 P.S.I. to (C) 132 P.S.I.
 Initial Closed In Period Minutes 45 (D) 951 P.S.I.
 Final Flow Period Minutes 45 (E) 142 P.S.I. to (F) 217 P.S.I.
 Final Closed In Period Minutes 60 (G) 924 P.S.I.
 Final Hydrostatic Pressure (H) 1611 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.

GENERAL INFORMATION

Client Information:

Company: L D DRILLING INC

Contact: L D DAVIS

Phone: Fax: e-mail:

Site Information:

Contact: JOSH AUSTIN

Phone: Fax: e-mail:

Well Information:

Name: CHRISTIANSEN 2-15

Operator: L D DRILLING INC

Location-Downhole:

Location-Surface:

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: JOSH AUSTIN

Test Type: CONVENTIONAL Job Number: D820

Test Unit:

Start Date: 2010/09/30 Start Time: 09:15:00

End Date: 2010/09/30 End Time: 02:20:00

Report Date: 2010/09/30 Prepared By: JOHN RIEDL

Remarks: Qualified By: JOSH AUSTIN

RECOVERY: 30 'DRILLING MUD



DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

ON 09:15 09/30/10

OFF 14:20 09/30/10

DRILL-STEM TEST TICKET

FILEstc/CHristiansen2-15dst3

Company L D DRILLING INC Lease & Well No. CHRISTIANSEN 2-15
 Contractor PETROMARK RIG #2 Charge to L D DRILLING INC
 Elevation 1841 K.B Formation ARBUCKLE820 Effective Pay _____ Ft. Ticker No. D820
 Date 9/30/10 Sec. 15 Twp. 21 S Range 12 W County STAFFORD State KANSAS
 Test Approved By JOSH AUSTIN Diamond Representative JOHN C. RIEDL

Formation Test No. 3 Interval Tested from 3444 ft. to 3532 ft. Total Depth 3532 ft.
 Packer Depth 3439 ft. Size 6 3/4 in. Packer Depth _____ ft. Size 3350 in.
 Packer Depth 3444 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Depth of Selective Zone Set _____

Top Recorder Depth (Inside) _____ ft. Recorder Number 30046 Cap. 6,000 P.S.I.
 Bottom Recorder Depth (Outside) _____ ft. Recorder Number 11073 Cap. 4,000 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 56 Drill Collar Length 120 ft. I.D. 2 1/4 in.
 Weight 9.2 Water Loss 10.4 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 6,000 P.P.M. Drill Pipe Length 3304 ft. I.D. 3 1/2 in.
 Jars: Make BOWEN Serial Number NOT USED Test Tool Length 20 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? NO Reversed Out NO Anchor Length 88 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 (DEAD 20 MINUTES) NO BB
 2nd Open: NO BLOW NO BB

Recovered 30 ft. of DRILLING MUD

Recovered _____ ft. of _____

Remarks: TOTAL FLUID RECOVERY: 30' IN DRILL COLLARS)

	Price Job
	Other Charges
	Insurance
	Total

Time Set Packer(s) 10:50 A.M A.M. P.M. Time Started Off Bottom 12:50 P.M A.M. P.M. Maximum Temperature 99

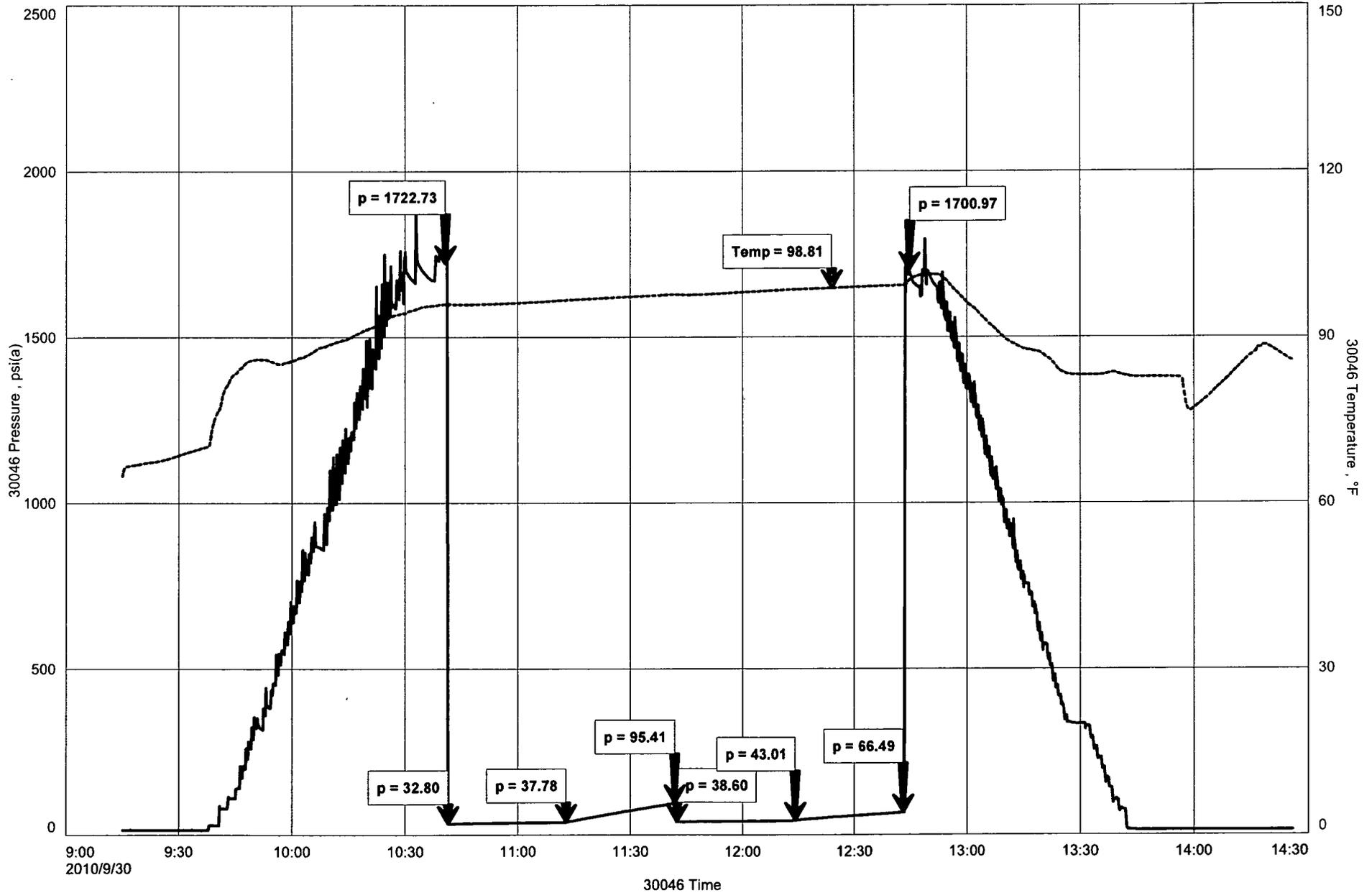
Initial Hydrostatic Pressure (A) 1723 P.S.I.
 Initial Flow Period Minutes 30 (B) 33 P.S.I. to (C) 38 P.S.I.
 Initial Closed In Period Minutes 30 (D) 95 P.S.I.
 Final Flow Period Minutes 30 (E) 39 P.S.I. to (F) 43 P.S.I.
 Final Closed In Period Minutes 30 (G) 66 P.S.I.
 Final Hydrostatic Pressure (H) 1700 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.

L D DRILLING INC
Start Test Date: 2010/09/30
Final Test Date: 2010/09/30

CHRISTIANSEN 2-15
Formation: ARBUCKLE
Job Number: D820

CHRISTIANSEN 2-15



GENERAL INFORMATION

Client Information:

Company: L D DRILLING INC

Contact: L D DAVIS

Phone: Fax: e-mail:

Site Information:

Contact: JOSH AUSTIN

Phone: Fax: e-mail:

Well Information:

Name: CHRISTIANSEN 2-15

Operator: L D DRILLING INC

Location-Downhole:

Location-Surface:

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: JOSH AUSTIN

Test Type: CONVENTIONAL Job Number: D821

Test Unit:

Start Date: 2010/09/30 Start Time: 19:20:00

End Date: 2010/09/30 End Time: 23:00:00

Report Date: 2010/09/30 Prepared By: JOHN RIEDL

Remarks: Qualified By: JOAH AUSTIN

REMARKS: PACKER FAILURE



DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313

ON17 14:20 09/30/10

OFF 23:00 09/30/10

DRILL-STEM TEST TICKET

FILEstc/CHristiansen2-15dst1

Company L D DRILLING INC Lease & Well No. CHRISTIANSEN 2-15

Contractor PETROMARK RIG #2 Charge to L D DRILLING INC

Elevation 1841 K.B Formation ARBUCKLE Effective Pay _____ Ft. Ticket No. D820

Date 9/30/10 Sec. 15 Twp. 21 S Range 12 W County STAFFORD State KANSAS

Test Approved By JOSH AUSTIN Diamond Representative JOHN C. RIEDL

Formation Test No. 4 Interval Tested from 3531 ft. to 3542 ft. Total Depth 3542 ft.

Packer Depth 3526 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Packer Depth 3531 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) _____ ft. Recorder Number 30046 Cap. 6,000 P.S.I.

Bottom Recorder Depth (Outside) _____ ft. Recorder Number 11073 Cap. 4,000 P.S.I.

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

Mud Type CHEMICAL Viscosity 56 Drill Collar Length 120 ft. I.D. 2 1/4 in.

Weight 9 Water Loss 9 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.

Chlorides 6,000 P.P.M. Drill Pipe Length 3391 ft. I.D. 3 1/2 in.

Jars: Make BOWEN Serial Number NOT USED Test Tool Length 20 ft. Tool Size 3 1/2-IF in.

Did Well Flow? NO Reversed Out NO Anchor Length 11 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: PACKER FAILURE

2nd Open: _____

Recovered 720 ft. of DRILLING MUD

Recovered _____ ft. of _____

Remarks: TOTAL FLUID RECOVERY: 600' IN DRILL PIPE, 120' IN DRILL COLLARS)

Time Set Packer(s) 8:40 A.M. P.M. Time Started Off Bottom _____ A.M. P.M. Maximum Temperature 100

Initial Hydrostatic Pressure (A) 1734 P.S.I.

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

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

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

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

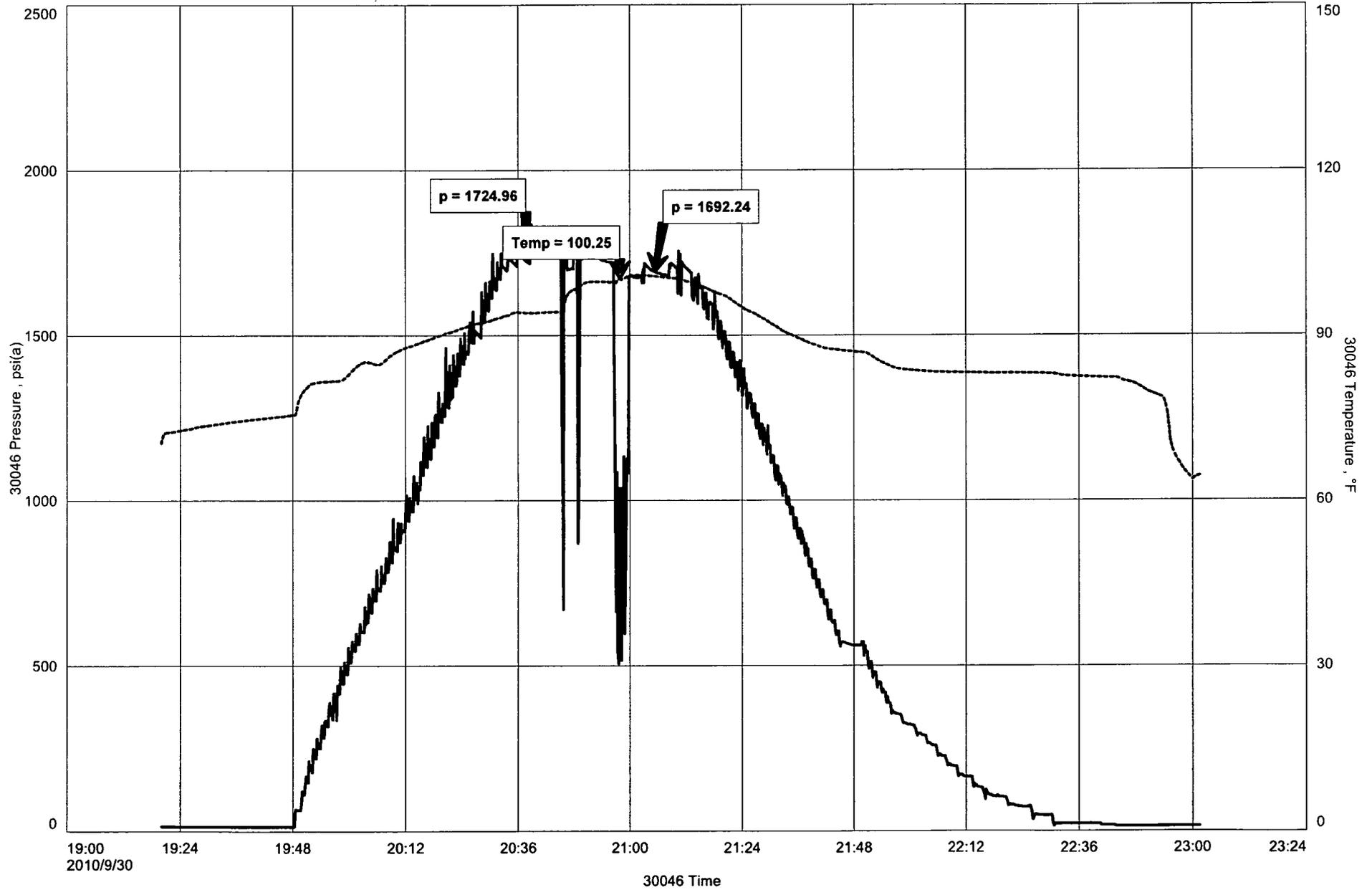
Final Hydrostatic Pressure (H) 1692 P.S.I.

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.

L D DRILLING INC
Start Test Date: 2010/09/30
Final Test Date: 2010/09/30

CHRISTIANSEN 2-15
Formation: ARBUCKLE
Job Number: D821

CHRISTIANSEN 2-15



GENERAL INFORMATION

Client Information:

Company: L D DRILLING INC

Contact: L D DAVIS

Phone: Fax: e-mail:

Site Information:

Contact: JOSH AUSTIN

Phone: Fax: e-mail:

Well Information:

Name: CHRISTIANSEN 2-15

Operator: L D DRILLING INC

Location-Downhole:

Location-Surface:

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: JOSH AUSTIN

Test Type: CONVENTIONAL Job Number: D822

Test Unit:

Start Date: 2010/10/01 Start Time: 04:00:00

End Date: 2010/10/01 End Time: 10:00:00

Report Date: 2010/10/01 Prepared By: JOHN RIEDL

Remarks: Qualified By: JOSH AUSTIN

RECOVERY: 20' DRILLING MUD



DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

ON 04:00 10/01/10

OFF 10:00 10/01/10

DRILL-STEM TEST TICKET

FILEstc/CHristiansen2-15dst5

Company L D DRILLING INC Lease & Well No. CHRISTIANSEN 2-15
 Contractor PETROMARK RIG #2 Charge to L D DRILLING INC
 Elevation 1841 K.B Formation ARBUCKLE Effective Pay _____ Ft. Ticket No. D822
 Date 10/01/30 Sec. 15 Twp. 21 S Range 12 W County STAFFORD State KANSAS
 Test Approved By JOSH AUSTIN Diamond Representative JOHN C. RIEDL

Formation Test No. 5 Interval Tested from 3443 ft. to 3548 ft. Total Depth 3548 ft.
 Packer Depth 3438 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Packer Depth 3443 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Depth of Selective Zone Set _____

Top Recorder Depth (Inside) _____ 3446 ft. Recorder Number 30046 Cap. 6,000 P.S.I.
 Bottom Recorder Depth (Outside) _____ 3545 ft. Recorder Number 11073 Cap. 4,000 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 55 Drill Collar Length 120 ft. I.D. 2 1/4 in.
 Weight 9 Water Loss 9 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 6,000 P.P.M. Drill Pipe Length 3303 ft. I.D. 3 1/2 in.
 Jars: Make BOWEN Serial Number NOT USED Test Tool Length 20 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? NO Reversed Out NO Anchor Length 105 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") NO BB
 2nd Open: WEAK(1/2") NO BB

Recovered 20 ft. of DRILLING MUD

Recovered _____ ft. of _____

Remarks: TOTAL FLUID RECOVERY: 20' IN DRILL COLLARS)

	Price Job
	Other Charges
	Insurance
	Total

Time Set Packer(s) 5:35 A.M A.M. P.M. Time Started Off Bottom 8:05 A.M A.M. P.M. Maximum Temperature 97

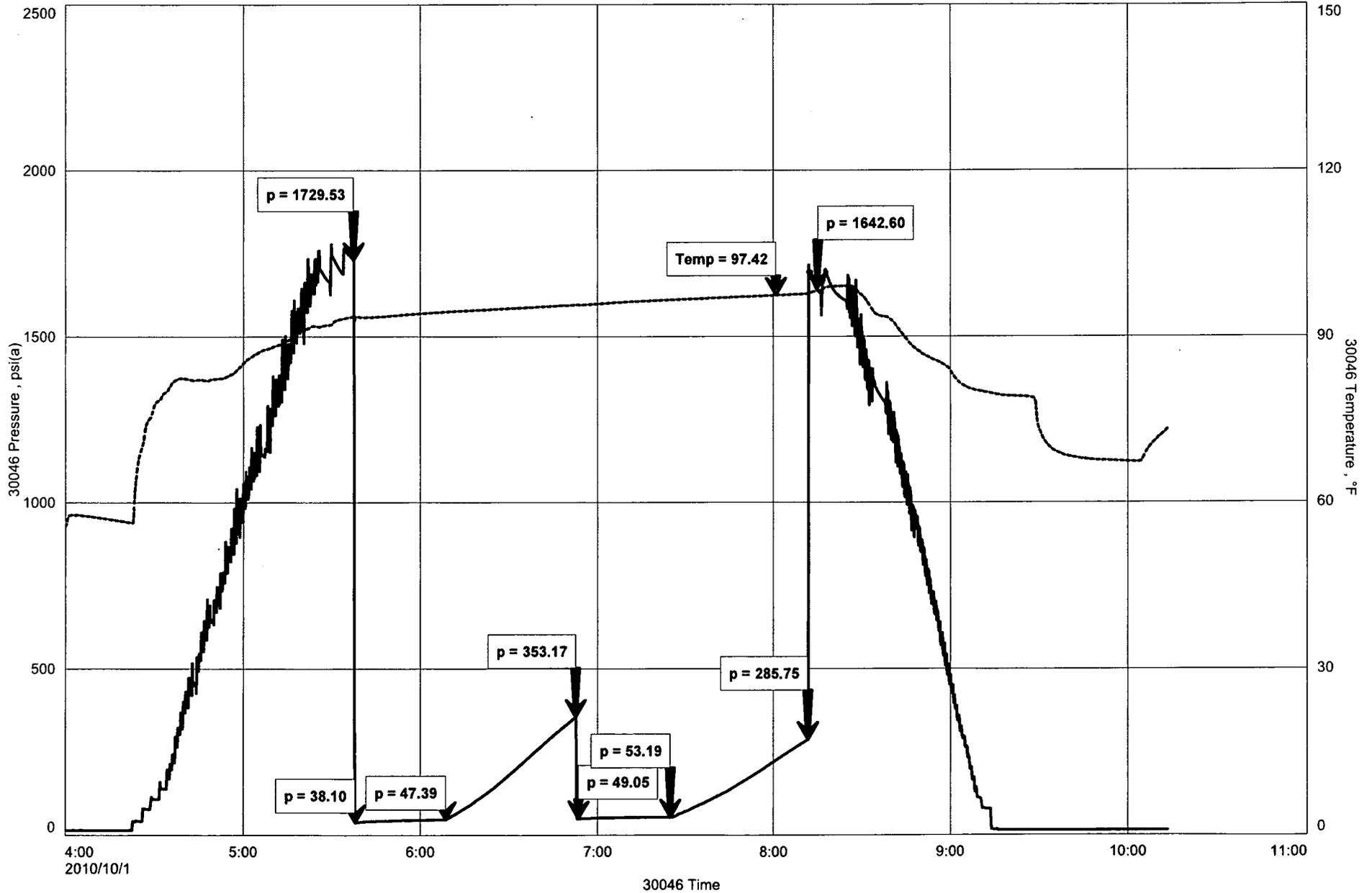
Initial Hydrostatic Pressure (A) 1730 P.S.I.
 Initial Flow Period Minutes 30 (B) 38 P.S.I. to (C) 47 P.S.I.
 Initial Closed In Period Minutes 45 (D) 353 P.S.I.
 Final Flow Period Minutes 30 (E) 49 P.S.I. to (F) 51 P.S.I.
 Final Closed In Period Minutes 45 (G) 286 P.S.I.
 Final Hydrostatic Pressure (H) 1643 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.

L D DRILLING INC
Start Test Date: 2010/10/01
Final Test Date: 2010/10/01

CHRISTIANSEN 2-15
Formation: ARBUCKLE
Job Number: D822

CHRISTIANSEN 2-15



GENERAL INFORMATION

Client Information:

Company: L D DRILLING INC

Contact: L D DAVIS

Phone: Fax: e-mail:

Site Information:

Contact: JIM MUSGROVE

Phone: Fax: e-mail:

Well Information:

Name: CHRISTIANSEN 2-15

Operator: L D DRILLING INC

Location-Downhole:

Location-Surface: S15/21S/12W STAFFORD CTY

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: JIM MUSGROVE

Test Type: CONVENTIONAL

Job Number: D823

Test Unit:

Start Date: 2010/10/01

Start Time: 14:30:00

End Date: 2010/10/01

End Time: 18:00:00

Report Date: 2010/10/01

Prepared By: JOHN RIEDL

Remarks:

Qualified By: JIM MUSGROVE

REMARKS: PACKER FAILURE



DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

ON 14:30 10/01/10

OFF 10:00 10/01/10

DRILL-STEM TEST TICKET

FILEstc/CHristiansen2-15dst6

Company L D DRILLING INC Lease & Well No. CHRISTIANSEN 2-15

Contractor PETROMARK RIG #2 Charge to L D DRILLING INC

Elevation 1841 K.B Formation ARBUCKLE Effective Pay _____ Ft. Ticket No. D823

Date 10/01/10 Sec. 15 Twp. 21 S Range 12 W County STAFFORD State KANSAS

Test Approved By JIM MUSGROVE Diamond Representative JOHN C. RIEDL

Formation Test No. 6 Interval Tested from 3546 ft. to 3561 ft. Total Depth 3561 ft.

Packer Depth 3541 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Packer Depth 3546 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3549 ft. Recorder Number 30046 Cap. 6,000 P.S.I.

Bottom Recorder Depth (Outside) 3558 ft. Recorder Number 11073 Cap. 4,000 P.S.I.

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

Mud Type CHEMICAL Viscosity 55 Drill Collar Length 120 ft. I.D. 2 1/4 in.

Weight 9 Water Loss 9 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.

Chlorides 7,000 P.P.M. Drill Pipe Length 3406 ft. I.D. 3 1/2 in.

Jars: Make BOWEN Serial Number NOT USED Test Tool Length 20 ft. Tool Size 3 1/2-IF in.

Did Well Flow? NO Reversed Out NO Anchor Length 15 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: _____

2nd Open: _____

Recovered 340 ft. of DRILLING MUD

Recovered _____ ft. of _____

Remarks: TOTAL FLUID RECOVERY: 340' (220' IN DRILL PIPE, 120' IN DRILL COLLARS)

PACKER FAILURE

Price Job
Other Charges
Insurance
Total

Time Set Packer(s) 4:30 P.M ^{A.M.}/_{P.M.} Time Started Off Bottom 4:40 P.M ^{A.M.}/_{P.M.} Maximum Temperature 97

Initial Hydrostatic Pressure (A) 1738 P.S.I.

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

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

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

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

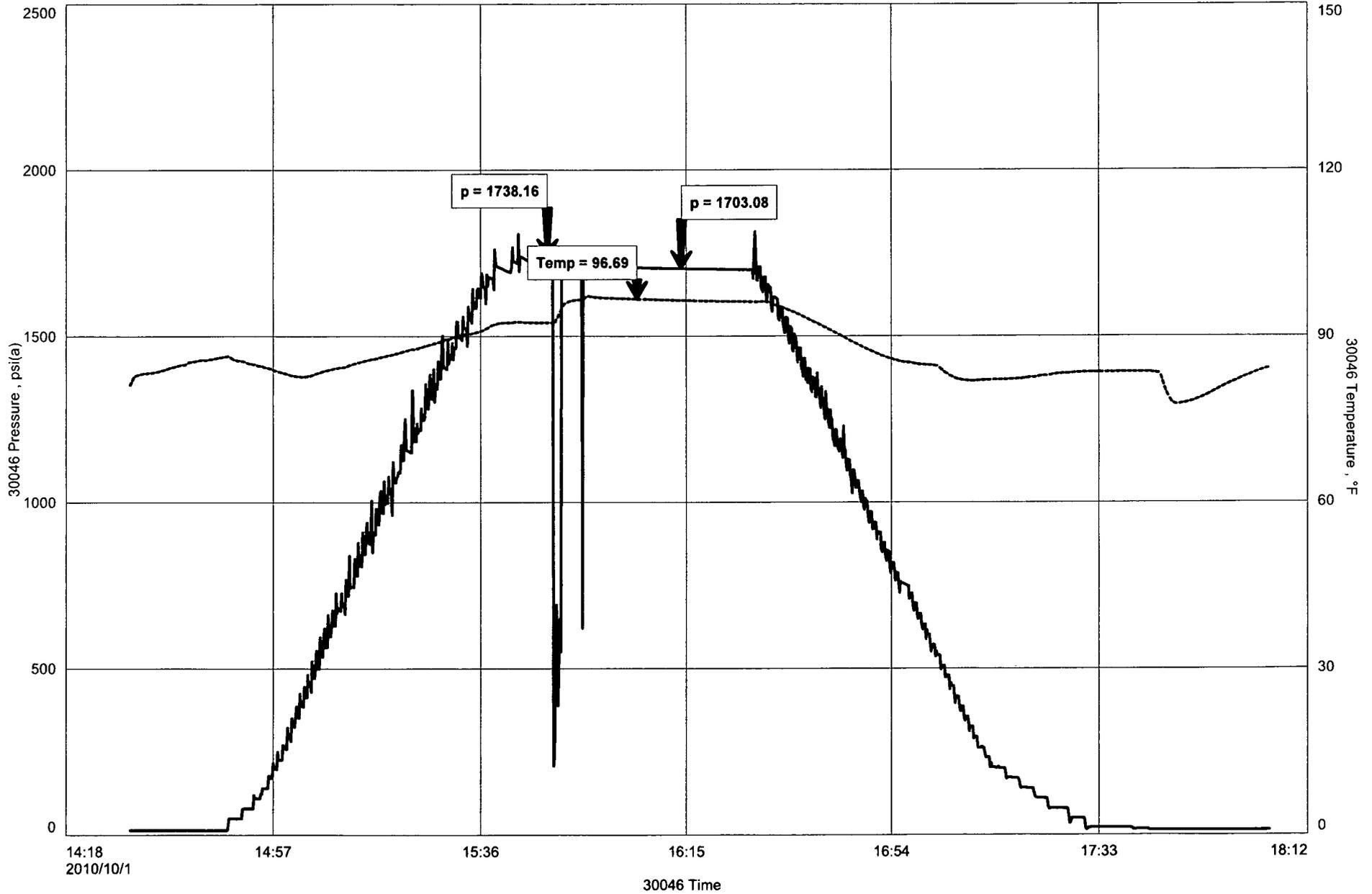
Final Hydrostatic Pressure (H) 1703 P.S.I.

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.

L D DRILLING INC
Start Test Date: 2010/10/01
Final Test Date: 2010/10/01

CHRISTIANSEN 2-15
Formation: ARBUCKLE
Job Number: D823

CHRISTIANSEN 2-15



GENERAL INFORMATION

Client Information:

Company: L D DRILLING INC

Contact: L D DAVIS

Phone: Fax: e-mail:

Site Information:

Contact: JIM MUSGROVE

Phone: Fax: e-mail:

Well Information:

Name: CHRISTIANSEN 2-15

Operator: L D DRILLING INC

Location-Downhole:

Location-Surface: S15/21S/12W STAFFORD CTY

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: JIM MUSGROVE

Test Type: CONVENTIONAL Job Number: D824

Test Unit:

Start Date: 2010/10/01 Start Time: 18:20:00

End Date: 2010/10/02 End Time: 01:10:00

Report Date: 2010/10/02 Prepared By: JOHN RIEDL

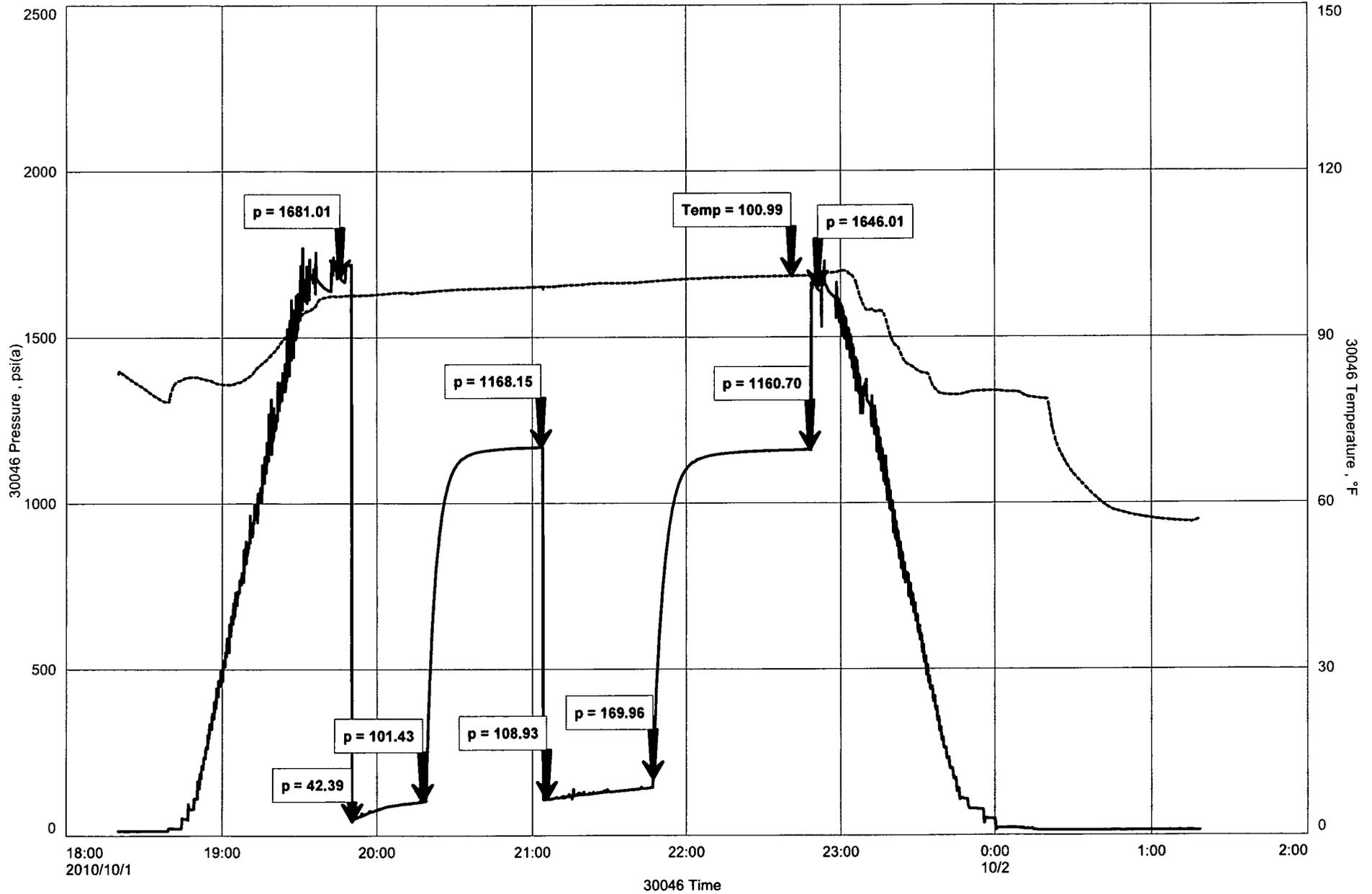
Remarks: Qualified By: JIM MUSGROVE

RECOVERY: 240' SLIGHTLY OIL CUT MUD

L D DRILLING INC
Start Test Date: 2010/10/01
Final Test Date: 2010/10/02

CHRISTIANSEN 2-15
Formation: ARBUCKLE
Job Number: D824

CHRISTIANSEN 2-15





DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

ON 18:20 10/01/10

OFF 1:10 10/02/10

DRILL-STEM TEST TICKET

FILEstc/CHristiansen2-15dst7

Company L D DRILLING INC Lease & Well No. CHRISTIANSEN 2-15
 Contractor PETROMARK RIG #2 Charge to L D DRILLING INC
 Elevation 1841 K.B Formation ARBUCKLE Effective Pay _____ Ft. Ticker No. D824
 Date 10/01/10 Sec. 15 Twp. 21 S Range 12 W County STAFFORD State KANSAS
 Test Approved By JIM MUSGROVE Diamond Representative JOHN C. RIEDL

Formation Test No. 7 Interval Tested from 3443 ft. to 3561 ft. Total Depth 3561 ft.
 Packer Depth 3438 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Packer Depth 3443 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3446 ft. Recorder Number 30046 Cap. 6,000 P.S.I.
 Bottom Recorder Depth (Outside) 3558 ft. Recorder Number 11073 Cap. 4,000 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 58 Drill Collar Length 120 ft. I.D. 2 1/4 in.
 Weight 9.3 Water Loss 8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 10,000 P.P.M. Drill Pipe Length 3303 ft. I.D. 3 1/2 in.
 Jars: Make BOWEN Serial Number NOT USED Test Tool Length 20 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? NO Reversed Out NO Anchor Length 118 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: GOOD (7") NO BB
 2nd Open: GOOD (8") NO BB

Recovered 240 ft. of SLOCM (3%OIL 97%MUD)

Recovered _____ ft. of _____

Remarks: TOTAL FLUID RECOVERY:240'(120' IN DRILL PIPE,120' IN DRILL COLLARS)

	Price Job
	Other Charges
	Insurance
	Total

Time Set Packer(s) 7:45 P.M A.M. P.M. Time Started Off Bottom 10:45 P.M A.M. P.M. Maximum Temperature 101

Initial Hydrostatic Pressure (A) 1681 P.S.I.
 Initial Flow Period Minutes 30 (B) 42 P.S.I. to (C) 101 P.S.I.
 Initial Closed In Period Minutes 45 (D) 1168 P.S.I.
 Final Flow Period Minutes 45 (E) 109 P.S.I. to (F) 170 P.S.I.
 Final Closed In Period Minutes 60 (G) 1161 P.S.I.
 Final Hydrostatic Pressure (H) 1646 P.S.I.

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