



15-185-23607

15-21s-12w

DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
STC 30037.D055

Company L. D. Drilling, Inc. Lease & Well No. Christiansen No. 1-15
Elevation 1841 KB Formation Lansing "B"-"F" Effective Pay -- Ft. Ticket No. R055
Date 2-13-10 Sec. 15 Twp. 21S Range 12W County Stafford State Kansas
Test Approved By Kim B. Shoemaker Diamond Representative Randy Williams
Formation Test No. 1 Interval Tested from 3,237 ft. to 3,300 ft. Total Depth 3,300 ft.
Packer Depth 3,232 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Packer Depth 3,237 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 3,224 ft. Recorder Number 30037 Cap. 5,000 psi
Bottom Recorder Depth (Outside) 3,297 ft. Recorder Number 13387 Cap. 3,900 psi
Below Straddle Recorder Depth ft. Recorder Number psi

Drilling Contractor Petromark Drilling, LLC - Rig 2 Drill Collar Length 122 ft. I.D. 2 1/4 in.
Mud Type Chemical Viscosity 58 Weight Pipe Length -- ft. I.D. -- in.
Weight 8.7 Water Loss 8.8 cc. Drill Pipe Length 3,089 ft. I.D. 3 1/2 in.
Chlorides 2,000 P.P.M. Test Tool Length 26 ft. Tool Size 3 1/2 - IF in.
Jars: Make Sterling Serial Number Not Run Anchor Length 32' perf. w/31' drill pipe Size 4 1/2 - FH in.
Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 - XH in.

Blow: 1st Open: Strong blow, building. Off bottom of bucket in 2.25 mins. Fair blow back, building to 9 ins., during shut-in.
2nd Open: Strong blow, building. Off bottom of bucket in 5 secs. Fair blow back, building off bottom of bucket, during shut-in.

Recovered 65 ft. of oil cut mud = .924950 bbls. (Grind out: 3%-oil; 97%-mud)
Recovered 360 ft. of gassy, watery, mud cut oil = 5.122800 bbls. (Grind out: 15%-gas; 20%-water; 20%-mud; 45%-oil)
Recovered 120 ft. of oil & mud cut water = 1.707600 bbls. (Grind out: 5%-oil; 10%-mud; 85%-water)
Recovered 300 ft. of water = 3.133180 bbls. (Chlorides: 92,000 Ppm) PH: 7.0 RW: .08 @ 70°
Recovered 845 ft. of TOTAL FLUID = 10.888530 bbls.

Remarks Tool Sample Grind Out: 5%-oil; 95%-water

Time Set Packer(s) 9:52 ~~P.M.~~ ^{AM} Time Started Off Bottom 12:52 ~~P.M.~~ ^{AM} Maximum Temperature 106°
Initial Hydrostatic Pressure (A) 1520 P.S.I.
Initial Flow Period Minutes 30 (B) 43 P.S.I. to (C) 215 P.S.I.
Initial Closed In Period Minutes 45 (D) 835 P.S.I.
Final Flow Period Minutes 45 (E) 223 P.S.I. to (F) 414 P.S.I.
Final Closed In Period Minutes 60 (G) 831 P.S.I.
Final Hydrostatic Pressure (H) 1497 P.S.I.

DIAMOND TESTING

Page 2 of 2 Pages
Drill Test Report

General Information

Company Name L.D.DRILLING, INC.

Contact L.D.DAVIS
Well Name CHRISTIANSEN # 1-15
Unique Well ID DST # 1 LANS B/F 3237-3300
Surface Location SEC 15-21S-12W STAFFORD COUNTY
Field WILDCAT
Well Type Vertical

Job Number R055
Representative RANDY WILLIAMS
Well Operator L.D.DRILLING, INC
Report Date 2010/02/14
Prepared By RANDY WILLIAMS

Test Information

Test Type Drill Stem Test
Formation DST # 1 LANS B/F 3237-3300
Well Fluid Type 01 Oil
Test Purpose (AEUB) Initial Test

Start Test Time 20:25:00
Final Test Time 03:50:00

Start Test Date 2010/02/13
Final Test Date 2010/02/14

Gauge Name 30037
Test Type Name

Test Results

RECOVERED: 65' OCM, 3% OIL, 97% MUD
360' GWMCO, 15% GAS, 20% WATER, 20% MUD, 45% OIL
120' OMCW, 5% OIL, 10% MUD, 85% WATER
300' WATER, PH-7.0, CHLORIDES-92,000, RW-.08 @ 70 DEG

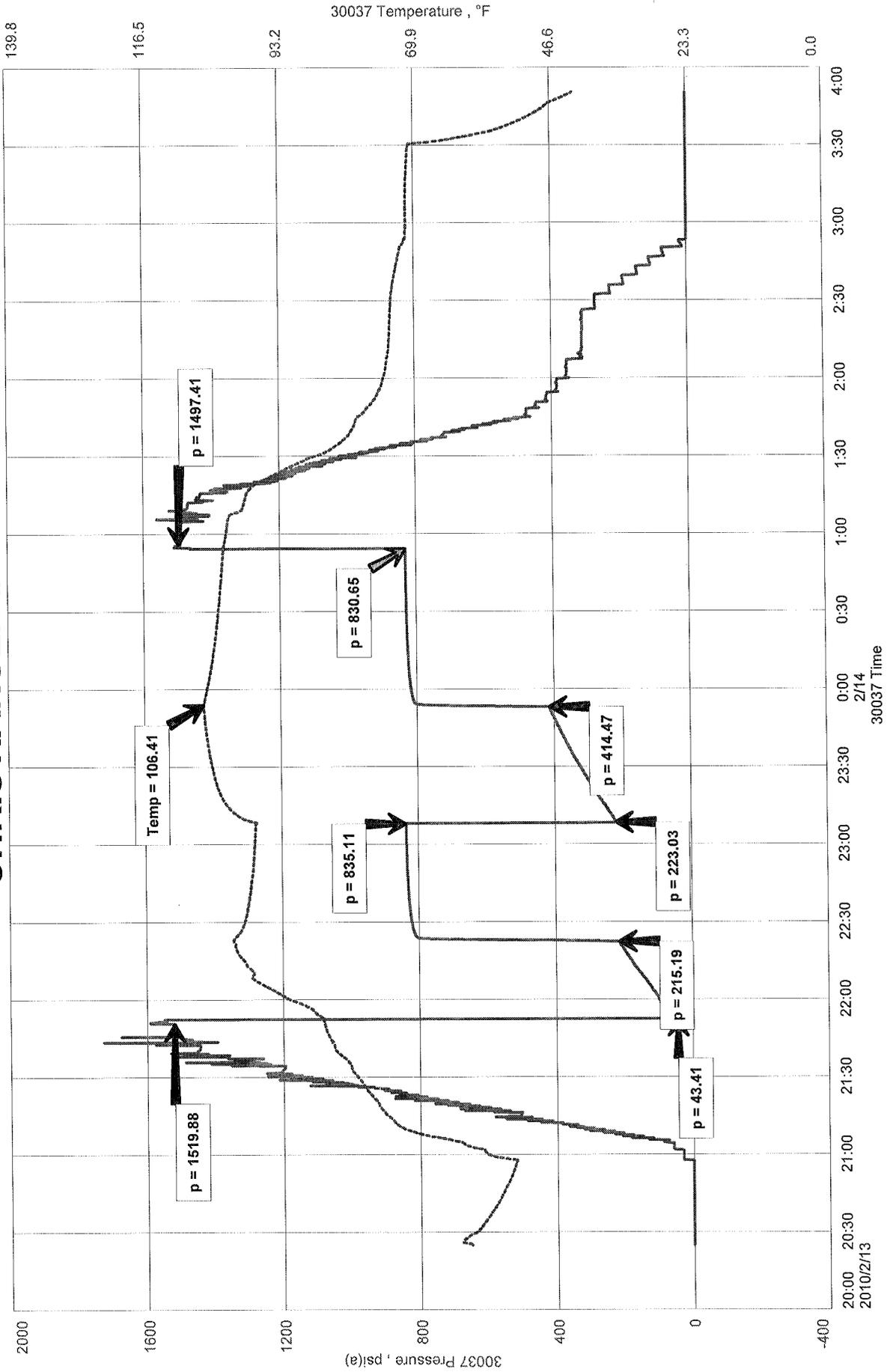
TOTAL FLUID: 845'

TOOL SAMPLE: 5% OIL, 95% WATER

L.D.DRILLING, INC.
DST # 1 LANS B/F 3237-3300
Start Test Date: 2010/02/13
Final Test Date: 2010/02/14

CHRISTIANSEN # 1-15
Formation: DST # 1
Pool: WILDCAT
Job Number: R055

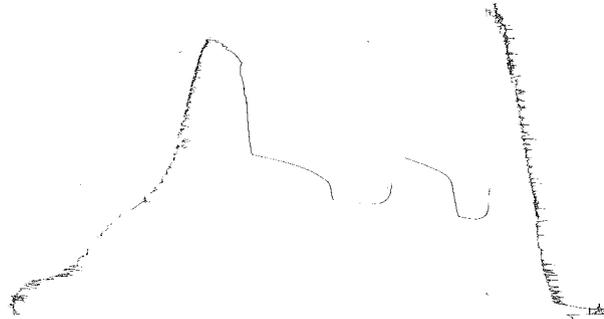
CHRISTIANSEN # 1-15



DST # LOWTSIDE # 13387

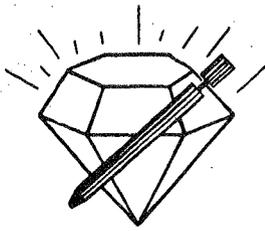
3237-3300
LOC-3297

LANS B/F



This is an actual photograph of recorder chart.

| POINT | PRESSURE | | Elec. Office Reading |
|--|------------------|------|----------------------------|
| | Field Reading | | |
| (A) Initial Hydrostatic Mud | 1520 | 1520 | PSI |
| (B) First Initial Flow Pressure..... | 43 | 43 | PSI |
| (C) First Final Flow Pressure | 215 | 215 | PSI |
| (D) Initial Closed-in Pressure | 835 | 835 | PSI |
| (E) Second Initial Flow Pressure | 223 | 223 | PSI |
| (F) Second Final Flow Pressure..... | 414 | 414 | PSI |
| (G) Final Closed-in Pressure..... | 831 | 831 | PSI |
| (H) Final Hydrostatic Mud | 1497 | 1497 | PSI |



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
STC 30037.D056

Company L. D. Drilling, Inc. Lease & Well No. Christiansen No. 1-15
Elevation 1841 KB Formation Lansing/Kansas City "H" Effective Pay -- Ft. Ticket No. R056
Date 2-14-10 Sec. 15 Twp. 21S Range 12W County Stafford State Kansas
Test Approved By Kim B. Shoemaker Diamond Representative Randy Williams
Formation Test No. 2 Interval Tested from 3,343 ft. to 3,370 ft. Total Depth 3,370 ft.
Packer Depth 3,338 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Packer Depth 3,343 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 3,330 ft. Recorder Number 30037 Cap. 5,000 psi
Bottom Recorder Depth (Outside) 3,367 ft. Recorder Number 6884 Cap. 6,275 psi
Below Straddle Recorder Depth ft. Recorder Number Cap. psi

Drilling Contractor Petromark Drilling, LLC - Rig 2 Drill Collar Length 122 ft. I.D. 2 1/4 in.
Mud Type Chemical Viscosity 58 Weight Pipe Length -- ft. I.D. -- in.
Weight 8.7 Water Loss 9.6 cc. Drill Pipe Length 3,195 ft. I.D. 3 1/2 in.
Chlorides 4,300 P.P.M. Test Tool Length 26 ft. Tool Size 3 1/2 - IF in.
Jars: Make Sterling Serial Number Not Run Anchor Length 27 ft. Size 4 1/2 - FH in.
Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 - XH in.

Blow: 1st Open: Fair blow, building. Off bottom of bucket in 20 mins. No blow back during shut-in.
2nd Open: Fair blow, building. Off bottom of bucket in 24 mins. No blow back during shut-in.

Recovered 330 ft. of slightly gassy, mud cut water = 3.653180 bbls. (Grind out: 3%-gas; 7%-mud; 90%-water)
Recovered 10 ft. of mud = .049200 bbls. Chlorides: 82,000 Ppm
Recovered ft. of oil specks on top of tool PH: 8.0 R.W.: .06 @ 70°
Recovered 340 ft. of TOTAL FLUID = 3.702380 bbls.
Recovered ft. of

Remarks Tool Sample Grind Out: Oil specked water

Time Set Packer(s) 2:11 ~~XXM.~~ P.M. Time Started Off Bottom 5:11 ~~XXM.~~ P.M. Maximum Temperature 108°
Initial Hydrostatic Pressure (A) 1563 P.S.I.
Initial Flow Period Minutes 30 (B) 11 P.S.I. to (C) 101 P.S.I.
Initial Closed In Period Minutes 45 (D) 886 P.S.I.
Final Flow Period Minutes 45 (E) 105 P.S.I. to (F) 175 P.S.I.
Final Closed In Period Minutes 60 (G) 848 P.S.I.
Final Hydrostatic Pressure (H) 1561 P.S.I.

DIAMOND TESTING

Page 2 of 2 Pages
Drill Test Report

General Information

Company Name L.D.DRILLING, INC.

Contact L.D.DAVIS
Well Name CHRISTIANSEN # 1-15
Unique Well ID DST # 2 LANS/KC "H" 3343-3370
Surface Location SEC 15-21S-12W STAFFORD COUNTY
Field WILDCAT
Well Type Vertical

Job Number R056
Representative RANDY WILLIAMS
Well Operator L.D.DRILLING, INC
Report Date 2010/02/14
Prepared By RANDY WILLIAMS

Test Information

Test Type Drill Stem Test
Formation DST # 2 LANS/KC "H" 3343=3370
Well Fluid Type 01 Oil
Test Purpose (AEUB) Initial Test

Start Test Time 12:50:00
Final Test Time 18:54:00

Start Test Date 2010/02/14
Final Test Date 2010/02/14

Gauge Name 30037
Test Type Name

Test Results

RECOVERED: 330' SGMCW, 3% GAS, 7% MUD, 90% WATER, PH-8.0, CHLORIDES-82,000, RW- .06 @ 72 DEG
10' MUD
OIL SPECES ON TOP OF TOOL

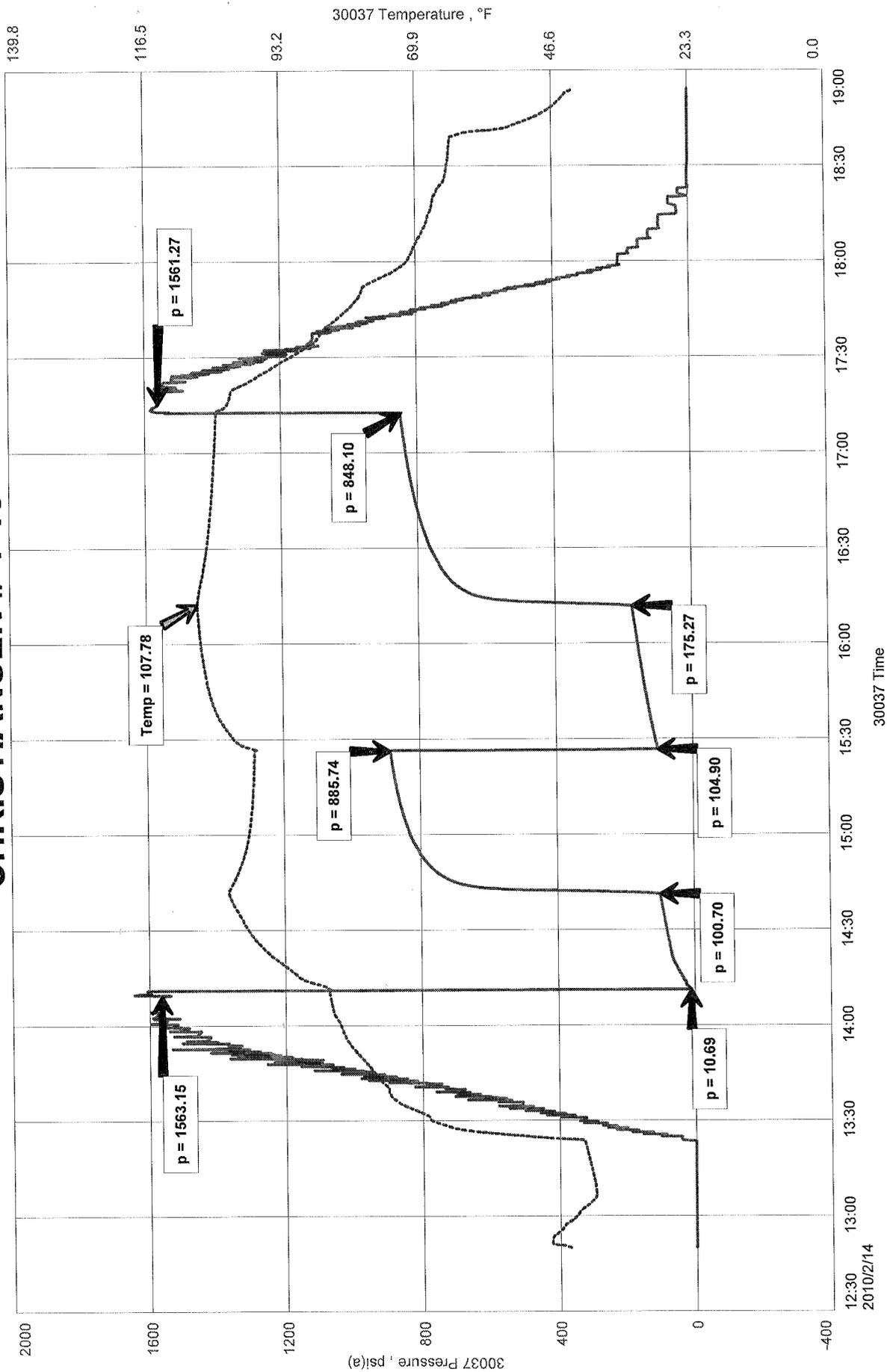
TOTAL FLUID: 340'

TOOL SAMPLE: OIL SPECED WATER

L.D.DRILLING, INC.
 DST # 2 LANS/KC "H" 3343-3370
 Start Test Date: 2010/02/14
 Final Test Date: 2010/02/14

CHRISTIANSEN # 1-15
 Formation: DST # 2 LANS/KC "H" 3343=3370
 Pool: WILDCAT
 Job Number: R056

CHRISTIANSEN # 1-15

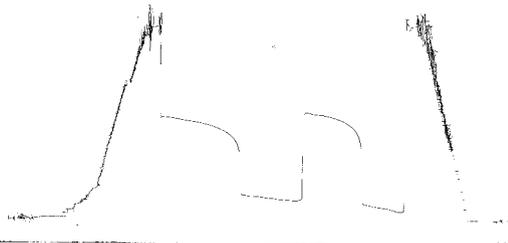


DST#2 OUTSIDE #6884

LANS/ICC "H"

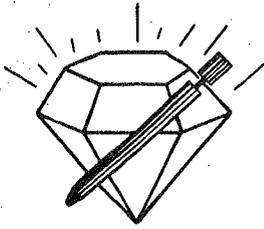
3343-3370

LOC 3367



This is an actual photograph of recorder chart.

| POINT | PRESSURE | | |
|---------------------------------------|---------------|----------------------|-----|
| | Field Reading | Elec. Office Reading | |
| (A) Initial Hydrostatic Mud | 1563 | 1563 | PSI |
| (B) First Initial Flow Pressure..... | 11 | 11 | PSI |
| (C) First Final Flow Pressure | 101 | 101 | PSI |
| (D) Initial Closed-in Pressure | 886 | 886 | PSI |
| (E) Second Initial Flow Pressure..... | 105 | 105 | PSI |
| (F) Second Final Flow Pressure..... | 175 | 175 | PSI |
| (G) Final Closed-in Pressure..... | 848 | 848 | PSI |
| (H) Final Hydrostatic Mud..... | 1561 | 1561 | PSI |



DIAMOND TESTING

P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
STC 30037.D057

Company L. D. Drilling, Inc. Lease & Well No. Christiansen No. 1-15

Elevation 1841 KB Formation Lansing/Kansas City "I"-"K" Effective Pay -- Ft. Ticket No. R057

Date 2-15-10 Sec. 15 Twp. 21S Range 12W County Stafford State Kansas

Test Approved By Kim B. Shoemaker Diamond Representative Randy Williams

Formation Test No. 3 Interval Tested from 3,365 ft. to 3,444 ft. Total Depth 3,444 ft.

Packer Depth 3,360 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 3,365 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 3,352 ft. Recorder Number 30037 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 3,441 ft. Recorder Number 6884 Cap. 6,275 psi

Below Straddle Recorder Depth ft. Recorder Number Cap. psi

Drilling Contractor Petromark Drilling, LLC - Rig 2 Drill Collar Length 122 ft. I.D. 2 1/4 in.

Mud Type Chemical Viscosity 58 Weight Pipe Length -- ft. I.D. -- in.

Weight 8.7 Water Loss 9.6 cc. Drill Pipe Length 3,217 ft. I.D. 3 1/2 in.

Chlorides 4,300 P.P.M. Test Tool Length 26 ft. Tool Size 3 1/2 - IF in.

Jars: Make Sterling Serial Number Not Run Anchor Length 48' perf. w/31' drill pipe Size 4 1/2 - FH in.

Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 - XH in.

Blow: 1st Open: Weak blow, building to 10 ins. in 30 mins. Weak blow back during shut-in.

2nd Open: Weak blow, building. Off bottom of bucket in 27 mins. Weak blow back during shut-in.

Recovered 30 ft. of gas in pipe

Recovered 110 ft. of gas & oil cut mud = 1.546680 bbls. (Grind out: 10%-gas; 30%-oil; 60%-mud)

Recovered 120 ft. of oil & gas cut mud = .590400 bbls. (Grind out: 5%-oil; 25%-gas; 70%-mud)

Recovered ft. of show of oil on top of tool

Recovered 230 ft. of TOTAL FLUID = 2.137080 bbls.

Remarks Tool Sample Grind Out: Oil specked mud

Time Set Packer(s) 6:09 ~~P.M.~~ ^{A.M.} Time Started Off Bottom 9:09 ~~P.M.~~ ^{A.M.} Maximum Temperature 95°

Initial Hydrostatic Pressure (A) 1589 P.S.I.

Initial Flow Period Minutes 30 (B) 11 P.S.I. to (C) 89 P.S.I.

Initial Closed In Period Minutes 45 (D) 882 P.S.I.

Final Flow Period Minutes 45 (E) 85 P.S.I. to (F) 115 P.S.I.

Final Closed In Period Minutes 60 (G) 837 P.S.I.

Final Hydrostatic Pressure (H) 1589 P.S.I.

DIAMOND TESTING

Page 2 of 2 Pages
Drill Test Report

General Information

Company Name L.D.DRILLING, INC.

Contact L.D.DAVIS
Well Name CHRISTIANSEN # 1-15
Unique Well ID DST # 3 LANS/KC I,J,K, 3365-3444
Surface Location SEC 15-21S-12W STAFFORD COUNTY
Field WILDCAT
Well Type Vertical

Job Number R055
Representative RANDY WILLIAMS
Well Operator L.D.DRILLING, INC
Report Date 2010/02/15
Prepared By RANDY WILLIAMS

Test Information

Test Type Drill Stem Test
Formation DST # 3 LANS/KC I,J,K, 3365-3444
Well Fluid Type 01 Oil
Test Purpose (AEUB) Initial Test

Start Test Time 04:05:00
Final Test Time 11:03:00

Start Test Date 2010/02/15
Final Test Date 2010/02/15

Gauge Name 30037
Test Type Name

Test Results

RECOVERED: 30' GAS IN PIPE
110' GOCM, 10% GAS, 30% OIL, 60% MUD
120' OGCM, 5% OIL, 25% GAS, 70% MUD
SHOW OF OIL ON TOP OF TOOL

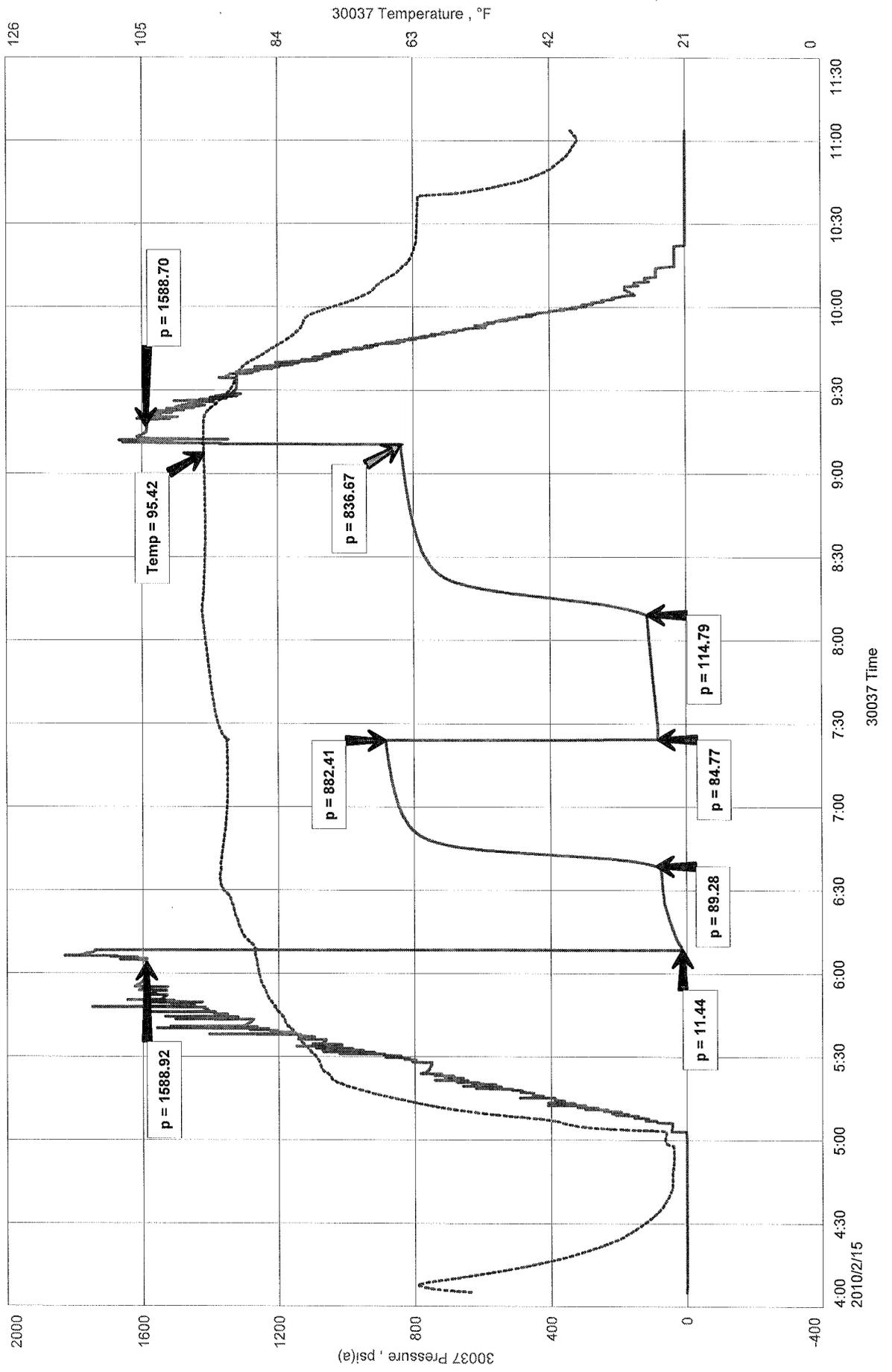
TOTAL FLUID: 230'

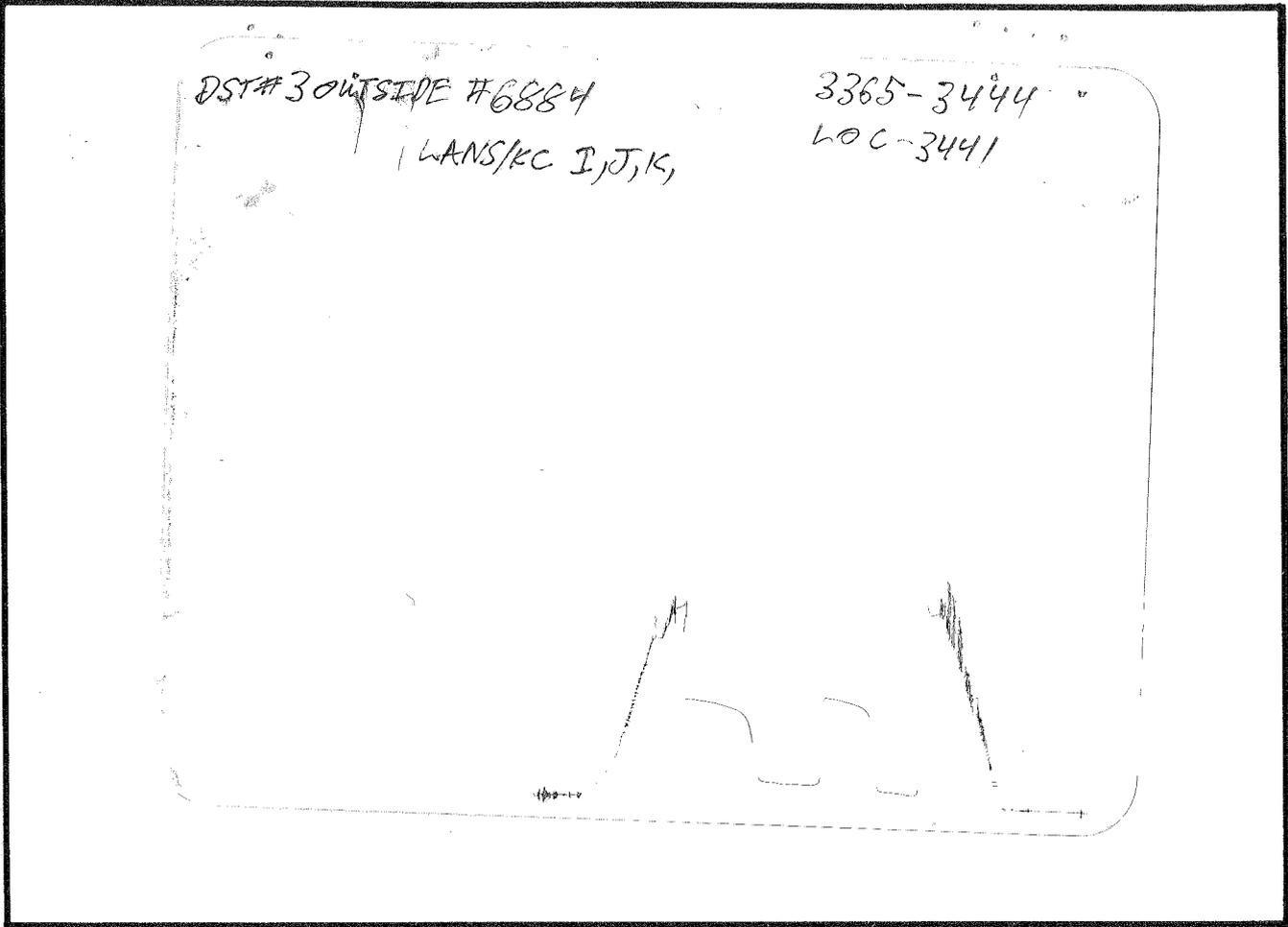
TOOL SAMPLE: OIL SPECED MUD

L.D.DRILLING, INC.
 DST # 3 LANS/KC I,J,K, 3365-3444
 Start Test Date: 2010/02/15
 Final Test Date: 2010/02/15

CHRISTIANSEN # 1-15
 Formation: DST # 3 LANS/KC I,J,K, 3365-3444
 Pool: WILDCAT
 Job Number: R055

CHRISTIANSEN # 1-15





This is an actual photograph of recorder chart.

| POINT | PRESSURE | | Elec. Office Reading | PSI |
|--|------------------|-------------------|----------------------------|-----|
| | Field Reading | Office Reading | | |
| (A) Initial Hydrostatic Mud | 1589 | 1589 | | PSI |
| (B) First Initial Flow Pressure..... | 11 | 11 | | PSI |
| (C) First Final Flow Pressure | 89 | 89 | | PSI |
| (D) Initial Closed-in Pressure | 882 | 882 | | PSI |
| (E) Second Initial Flow Pressure | 85 | 85 | | PSI |
| (F) Second Final Flow Pressure..... | 115 | 115 | | PSI |
| (G) Final Closed-in Pressure..... | 837 | 837 | | PSI |
| (H) Final Hydrostatic Mud | 1589 | 1589 | | PSI |



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
STC 30037.D058

Company L. D. Drilling, Inc. Lease & Well No. Christiansen No. 1-15
Elevation 1841 KB Formation Arbuckle Effective Pay Ft. Ticket No. R058
Date 2-15-10 Sec. 15 Twp. 21S Range 12W County Stafford State Kansas

Test Approved By Kim B. Shoemaker Diamond Representative Randy Williams

Formation Test No. 4 Interval Tested from 3,440 ft. to 3,520 ft. Total Depth 3,520 ft.

Packer Depth 3,435 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Packer Depth 3,440 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 3,423 ft. Recorder Number 30037 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 3,517 ft. Recorder Number 6884 Cap. 6,275 psi

Below Straddle Recorder Depth ft. Recorder Number Cap. psi

Drilling Contractor Petromark Drilling, LLC - Rig 2 Drill Collar Length 122 ft. I.D. 2 1/4 in.

Mud Type Chemical Viscosity 59 Weight Pipe Length ft. I.D. in.

Weight 9.2 Water Loss 10.8 cc. Drill Pipe Length 3,288 ft. I.D. 3 1/2 in.

Chlorides 8,000 P.P.M. Test Tool Length 30 ft. Tool Size 3 1/2 - IF in.

Jars: Make Sterling Serial Number 1 Anchor Length 49' perf. w/31' drill pipe Size 4 1/2 - FH in.

Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 - XH in.

Blow: 1st Open: Strong blow, building. Off bottom of bucket in 15 secs. Weak blow back, building to 3 ins., during shut-in

2nd Open: Strong blow, building. Off bottom of bucket in 30 secs. Weak, 1 in., blow back during shut-in.

Recovered 360 ft. of gas in pipe

Recovered 1,980 ft. of gas cut oil = 28.175400 bbls. (Grind out: 40%-gas; 60%-oil) Gravity: 40 @ 60°

Recovered 240 ft. of gas & mud cut oil = 2.279380 bbls. (Grind out: 20%-gas; 30%-mud; 50%-oil)

Recovered 2,220 ft. of TOTAL FLUID = 30.454780 bbls.

Recovered ft. of

Remarks Tool Sample Grind Out: Clean oil

Time Set Packer(s) 8:40 ^{AM.} P.M. Time Started Off Bottom 11:40 ^{AM.} P.M. Maximum Temperature 108°

Initial Hydrostatic Pressure (A) 1595 P.S.I.

Initial Flow Period Minutes 30 (B) 433 P.S.I. to (C) 683 P.S.I.

Initial Closed In Period Minutes 45 (D) 923 P.S.I.

Final Flow Period Minutes 45 (E) 738 P.S.I. to (F) 856 P.S.I.

Final Closed In Period Minutes 60 (G) 971 P.S.I.

Final Hydrostatic Pressure (H) 1597 P.S.I.

DIAMOND TESTING

Page 2 of 2 Pages
Drill Test Report

General Information

Company Name L.D.DRILLING, INC.

Contact L.D.DAVIS
Well Name CHRISTIANSEN # 1-15
Unique Well ID DST # 4 ARBUCKLE 3440-3520
Surface Location SEC 15-21S-12W STAFFORD COUNTY
Field WILDCAT
Well Type Vertical

Job Number R058
Representative RANDY WILLIAMS
Well Operator L.D.DRILLING, INC
Report Date 2010/02/15
Prepared By RANDY WILLIAMS

Test Information

Test Type Drill Stem Test
Formation DST # 4 ARBUCKLE 3440-3520
Well Fluid Type 01 Oil
Test Purpose (AEUB) Initial Test

Start Test Time 18:55:00
Final Test Time 05:00:00

Start Test Date 2010/02/15
Final Test Date 2010/02/15

Gauge Name 30037
Test Type Name

Test Results

RECOVERED: 360' GAS IN PIPE
1980' GCO, 40% GAS, 60% OIL API-40 @ 60 DEG
240' GMCO, 20% GAS, 30% MUD, 50% OIL

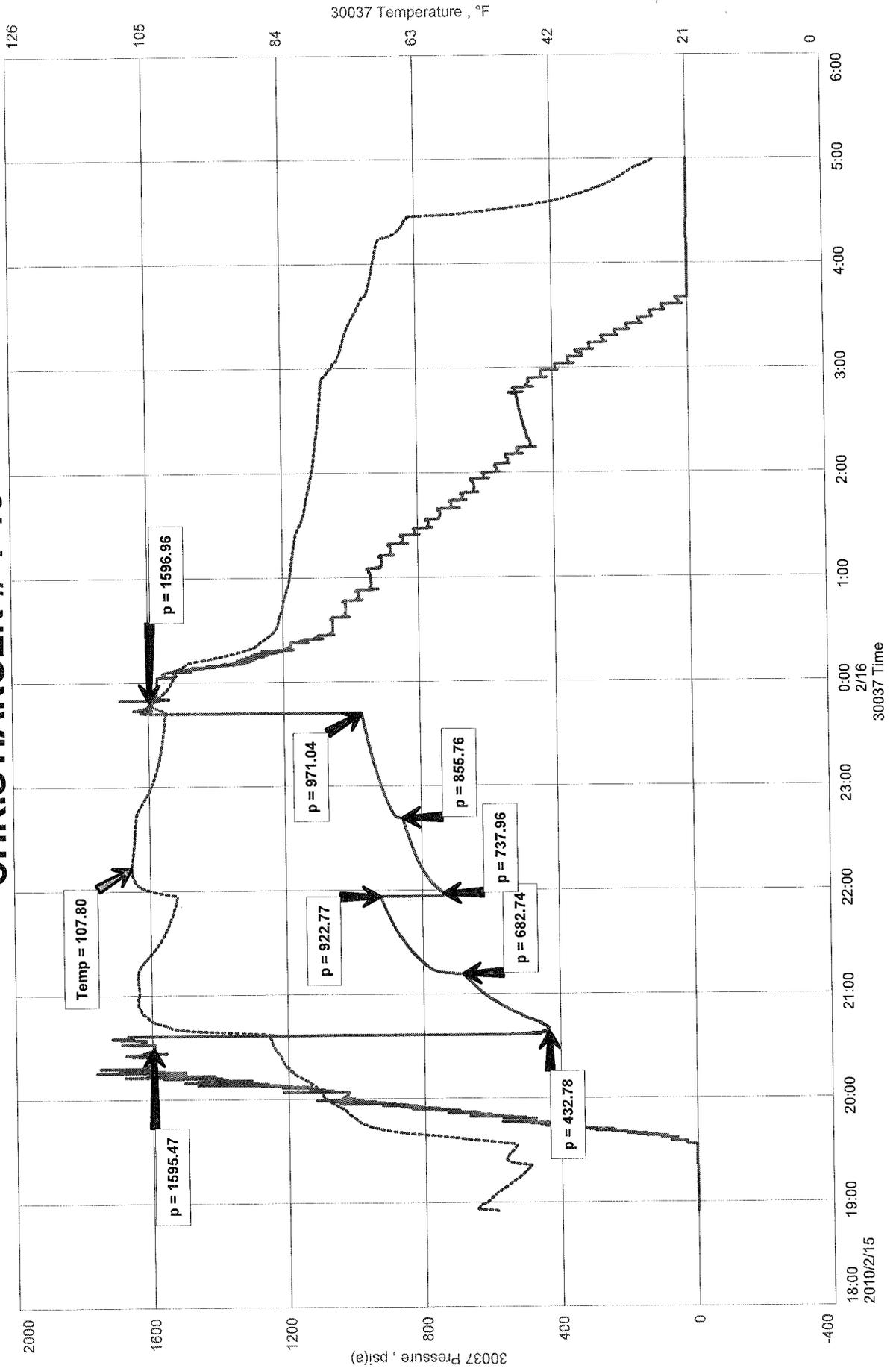
TOTAL FLUID: 2220'

TOOL SAMPLE: CLEAN OIL

CHRISTIANSEN # 1-15
 Formation: DST # 4 ARBUCKLE 3440-3520
 Pool: WILDCAT
 Job Number: R0558

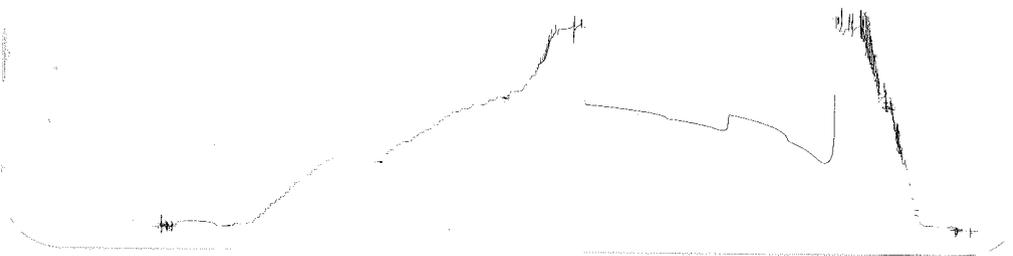
L.D.DRILLING, INC.
 DST # 4 ARBUCKLE 3440-3520
 Start Test Date: 2010/02/15
 Final Test Date: 2010/02/15

CHRISTIANSEN # 1-15



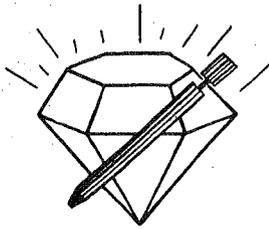
DST #4 OUTSIDE #6864
 ARBUCKLE

3440-3520
 KOC-3517



This is an actual photograph of recorder chart.

| POINT | PRESSURE | | Elec. Office Reading | PSI |
|---------------------------------------|------------------|------|----------------------------|-----|
| | Field Reading | | | |
| (A) Initial Hydrostatic Mud | 1595 | 1595 | | PSI |
| (B) First Initial Flow Pressure..... | 433 | 433 | | PSI |
| (C) First Final Flow Pressure | 683 | 683 | | PSI |
| (D) Initial Closed-in Pressure | 923 | 923 | | PSI |
| (E) Second Initial Flow Pressure..... | 738 | 738 | | PSI |
| (F) Second Final Flow Pressure..... | 856 | 856 | | PSI |
| (G) Final Closed-in Pressure..... | 971 | 971 | | PSI |
| (H) Final Hydrostatic Mud..... | 1597 | 1597 | | PSI |



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
STC 30037.D059

Company L. D. Drilling, Inc. Lease & Well No. Christiansen No. 1-15
Elevation 1841 KB Formation Arbuckle Effective Pay -- Ft. Ticket No. R059
Date 2-16-10 Sec. 15 Twp. 21S Range 12W County Stafford State Kansas
Test Approved By Kim B. Shoemaker Diamond Representative Randy Williams

Formation Test No. 5 Interval Tested from 3,518 ft. to 3,532 ft. Total Depth 3,532 ft.
Packer Depth 3,513 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Packer Depth 3,518 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 3,501 ft. Recorder Number 30037 Cap. 5,000 psi
Bottom Recorder Depth (Outside) 3,529 ft. Recorder Number 6884 Cap. 6,275 psi
Below Straddle Recorder Depth ft. Recorder Number Cap. psi

Drilling Contractor Petromark Drilling, LLC - Rig 2 Drill Collar Length 122 ft. I.D. 2 1/4 in.
Mud Type Chemical Viscosity 80 Weight Pipe Length -- ft. I.D. -- in.
Weight 8.8 Water Loss 12.4 cc. Drill Pipe Length 3,366 ft. I.D. 3 1/2 in.
Chlorides 12,000 P.P.M. Test Tool Length 30 ft. Tool Size 3 1/2 - IF in.
Jars: Make Sterling Serial Number 1 Anchor Length 14 ft. Size 4 1/2 - FH in.
Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.
Main Hole Size 7/8 in. Tool Joint Size 4 1/2 - XH in.

Blow: 1st Open: Strong blow. Off bottom of bucket within 5 secs. Weak, 1/2 in., blow back during shut-in.
2nd Open: Strong blow, building. Off bottom of bucket in 5 secs. Weak, surface blow back during shut-in.

Recovered 310 ft. of gas in pipe
Recovered 2,730 ft. of gas cut oil = 38.270680 bbls. (Grind out: 20%-gas; 80%-oil) Gravity: 41 @ 60°
Recovered 60 ft. of gas & mud cut oil = .295200 bbls. (Grind out: 25%-gas; 30%-mud; 45%-oil)
Recovered 2,790 ft. of TOTAL FLUID = 38.565880 bbls.
Recovered ft. of

Remarks Tool Sample Grind Out: Clean oil

Time Set Packer(s) 12:58 ^{XXM.} P.M. Time Started Off Bottom 3:58 ^{XXM.} P.M. Maximum Temperature 111°
Initial Hydrostatic Pressure (A) 1659 P.S.I.
Initial Flow Period Minutes 30 (B) 428 P.S.I. to (C) 850 P.S.I.
Initial Closed In Period Minutes 45 (D) 1019 P.S.I.
Final Flow Period Minutes 45 (E) 913 P.S.I. to (F) 1010 P.S.I.
Final Closed In Period Minutes 60 (G) 1046 P.S.I.
Final Hydrostatic Pressure (H) 1658 P.S.I.

DIAMOND TESTING

General Information

Company Name L.D.DRILLING, INC.

Contact L.D.DAVIS
Well Name CHRISTIANSEN # 1-15
Unique Well ID DST # 5 ARBUCKLE 3518-3532
Surface Location SEC 15-21S-12W STAFFORD COUNTY
Field WILDCAT
Well Type Vertical

Job Number R059
Representative RANDY WILLIAMS
Well Operator L.D.DRILLING, INC
Report Date 2010/02/16
Prepared By RANDY WILLIAMS

Test Information

Test Type Drill Stem Test
Formation DST # 5 ARBUCKLE 3518-3532
Well Fluid Type 01 Oil
Test Purpose (AEUB) Initial Test

Start Test Time 11:17:00
Final Test Time 19:54:00

Start Test Date 2010/02/15
Final Test Date 2010/02/15

Gauge Name 30037
Test Type Name

Test Results

RECOVERED: 310' GAS IN PIPE
2730' GCO, 20% GAS, 80% OIL, API-41 @ 60 DEG
60' GMCO, 25% GAS, 30% MUD, 45% OIL

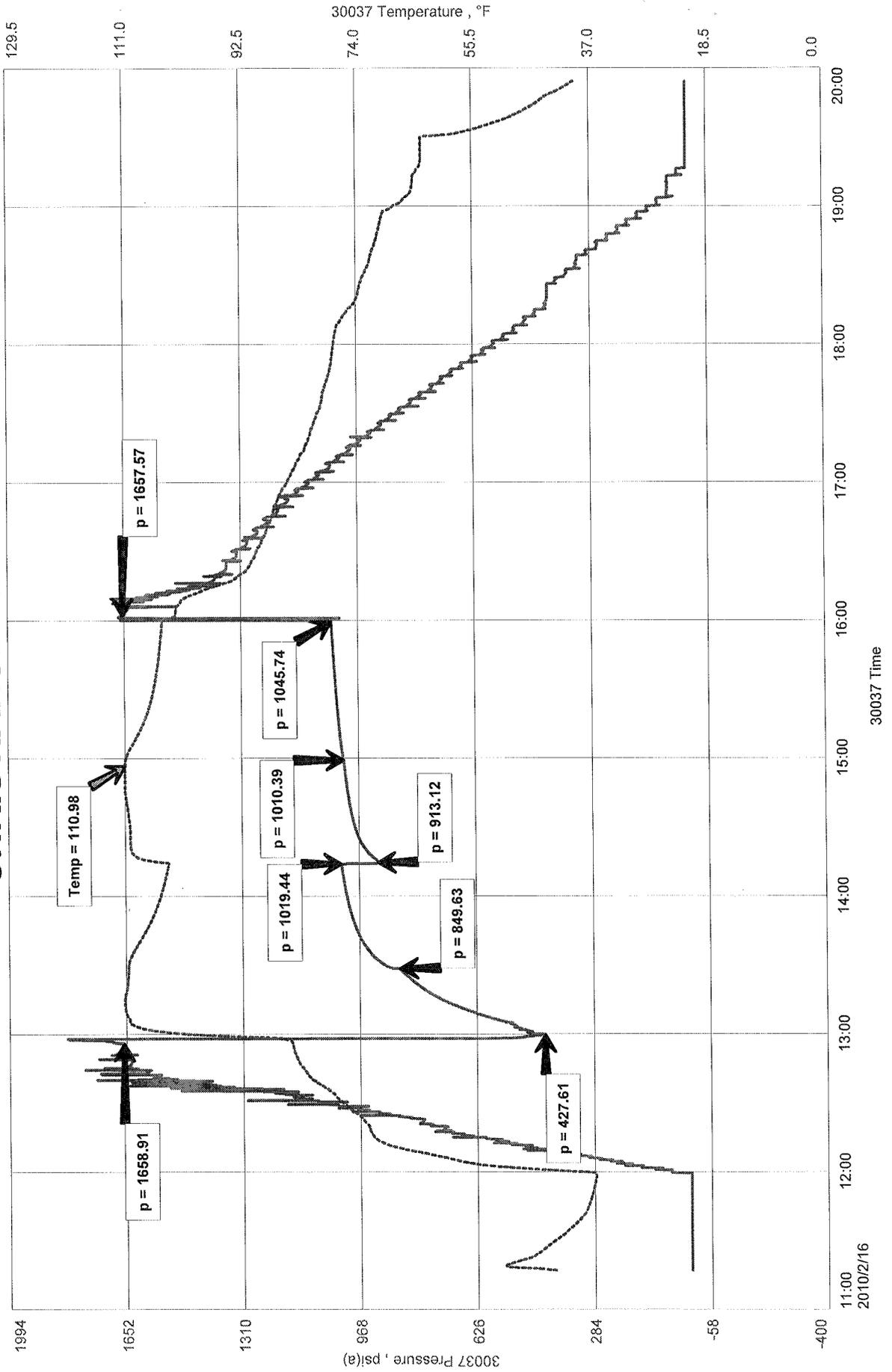
TOTAL FLUID: 2790'

TOOL SAMPLE: CLEAN OIL

L.D.DRILLING, INC.
DST # 5 ARBUCKLE 3518-3532
Start Test Date: 2010/02/15
Final Test Date: 2010/02/15

CHRISTIANSEN # 1-15
Formation: DST # 5 ARBUCKLE 3518-3532
Pool: WILDCAT
Job Number: R059

CHRISTIANSEN # 1-15

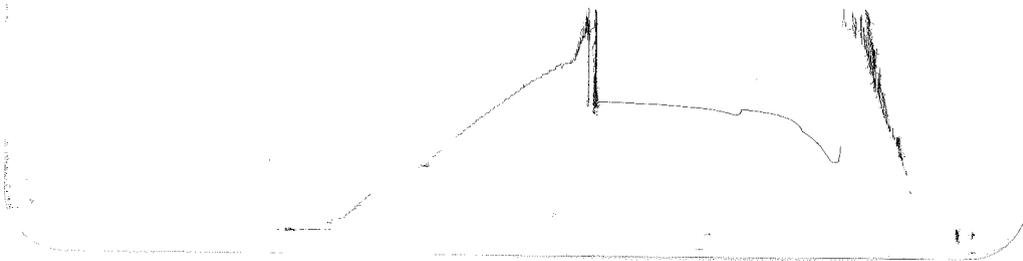


DST #5 OUTSIDE #6884

ARBuckle

3518-3532

LOC-3529



This is an actual photograph of recorder chart.

| POINT | PRESSURE | | |
|--|---------------|----------------------|-----|
| | Field Reading | Elec. Office Reading | |
| (A) Initial Hydrostatic Mud | 1659 | 1659 | PSI |
| (B) First Initial Flow Pressure | 428 | 428 | PSI |
| (C) First Final Flow Pressure | 850 | 850 | PSI |
| (D) Initial Closed-in Pressure | 1019 | 1019 | PSI |
| (E) Second Initial Flow Pressure | 913 | 913 | PSI |
| (F) Second Final Flow Pressure | 1010 | 1010 | PSI |
| (G) Final Closed-in Pressure | 1046 | 1046 | PSI |
| (H) Final Hydrostatic Mud | 1658 | 1658 | PSI |