

DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

Page 1 of 2 Pages

Company L. D. Drilling, Inc. Lease & Well No. Joyce No. 1
 Elevation 1847 KB Formation Lansing/Kansas City "D" - "G" Effective Pay -- Ft. Ticket No. C 66
 Date 6-22-08 Sec. 22 Twp. 21S Range 12W County Stafford State Kansas
 Test Approved By Kim B. Shoemaker Diamond Representative Chris Redetzke

Formation Test No. 1 Interval Tested from 3,282 ft. to 3,352 ft. Total Depth 3,352 ft.
 Packer Depth 3,277 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
 Packer Depth 3,282 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
 Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 3,285 ft. Recorder Number 30035 Cap. 5,000 psi
 Bottom Recorder Depth (Outside) 3,349 ft. Recorder Number 13387 Cap. 4,000 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 45 Weight Pipe Length -- ft. I.D. -- in.
 Weight 9.1 Water Loss 8.0 cc. Drill Pipe Length 3,134 ft. I.D. 3 1/2 in.
 Chlorides 6,800 P.P.M. Test Tool Length 26 ft. Tool Size 3 1/2 - IF in.
 Jars: Make Sterling Serial Number 1 Anchor Length 70 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, 1/2 in., blow increasing. Off bottom of bucket in 5 mins. Surface blow back during shut-in.
2nd Open: Fair, 1/2 in., blow increasing. Off bottom of bucket in 14 mins. 1/2 in., blow decreasing to a weak surface blow back during shut-in.

Recovered 268 ft. of gas in pipe
 Recovered 102 ft. of muddy water = 1.313760 bbls. (Grind out: 50%-mud; 50%-water)
 Recovered 310 ft. of muddy water = 3.021680 bbls. (Grind out: 25%-mud; 75%-water)
 Recovered 412 ft. of TOTAL FLUID = 4.335440 bbls. Chlorides: 38,000 Ppm
 Recovered ft. of

Remarks Tool Sample Grind Out: 25%-mud; 75%-water

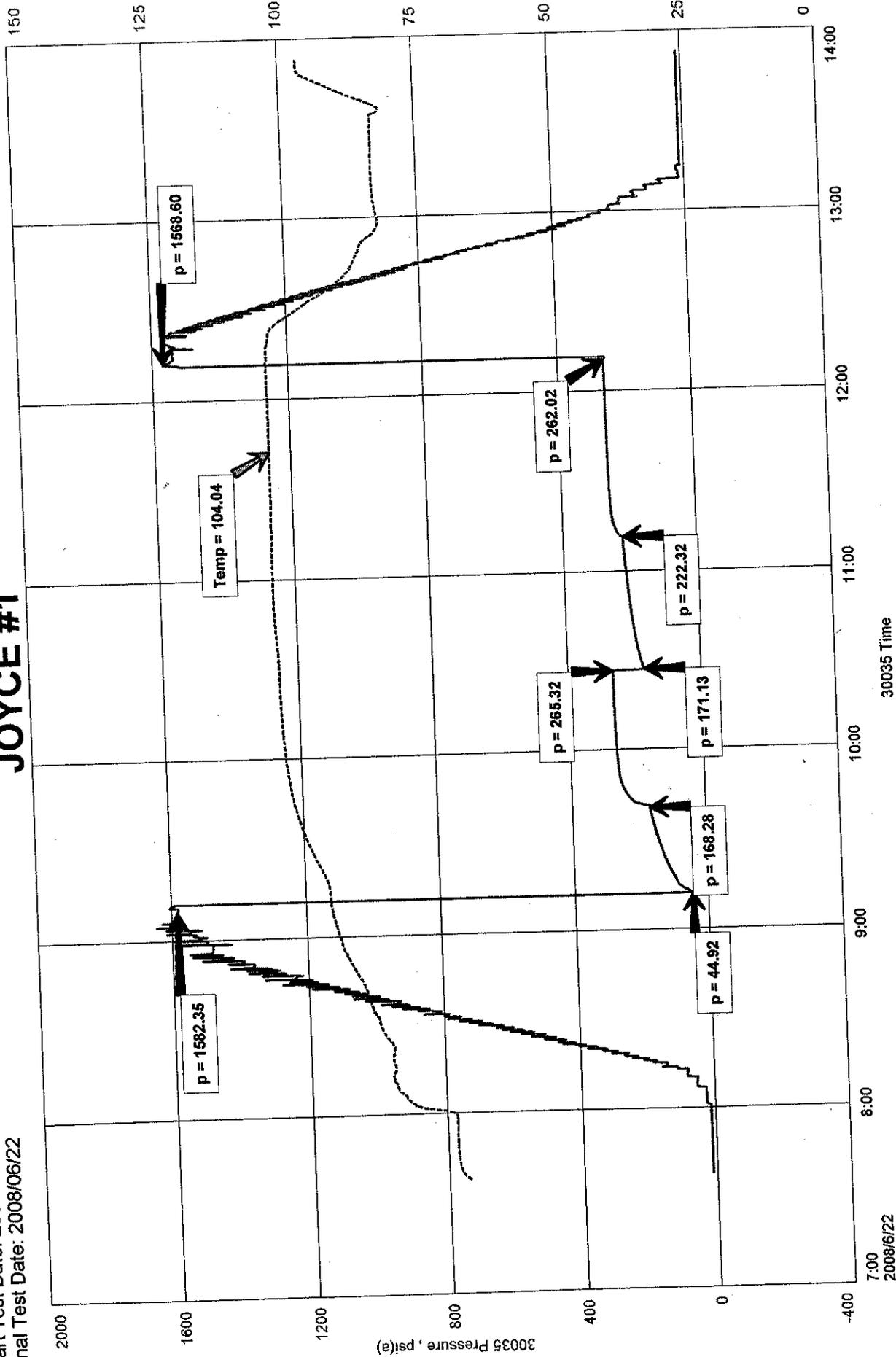
Time Set Packer(s) 9:10 A.M. Time Started Off Bottom 12:10 P.M. Maximum Temperature 104°
 Initial Hydrostatic Pressure (A) 1582 P.S.I.
 Initial Flow Period Minutes 30 (B) 45 P.S.I. to (C) 168 P.S.I.
 Initial Closed In Period Minutes 45 (D) 265 P.S.I.
 Final Flow Period Minutes 45 (E) 171 P.S.I. to (F) 222 P.S.I.
 Final Closed In Period Minutes 60 (G) 262 P.S.I.
 Final Hydrostatic Pressure (H) 1569 P.S.I.

JOYCE #1
Formation: DST #1 LKC 'D-G' 3,282 - 3,352
Pool: WILDCAT

30035 Temperature, °F

JOYCE #1

D. DRILLING CO.
DST #1 LKC 'D-G' 3,282 - 3,352
Start Test Date: 2008/06/22
Final Test Date: 2008/06/22





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Company L. D. Drilling, Inc. Lease & Well No. Joyce No. 1
Elevation 1847 KB Formation Conglomerate/Viola Effective Pay Ft. Ticket No. C 67
Date 6-23-08 Sec. 22 Twp. 21S Range 12W County Stafford State Kansas

Test Approved By Kim B. Shoemaker Diamond Representative Chris Redetzke

Formation Test No. 2 Interval Tested from 3,475 ft. to 3,530 ft. Total Depth 3,530 ft.
Packer Depth 3,470 ft. Size 6 3/4 in. Packer Depth ft. Size in.
Packer Depth 3,475 ft. Size 6 3/4 in. Packer Depth ft. Size in.
Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 3,478 ft. Recorder Number 30035 Cap. 5,000 psi
Bottom Recorder Depth (Outside) 3,527 ft. Recorder Number 13387 Cap. 4,000 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 45 Weight Pipe Length ft. I.D. in.
Weight 9.1 Water Loss 8.0 cc. Drill Pipe Length 3,327 ft. I.D. 3 1/2 in.
Chlorides 6,800 P.P.M. Test Tool Length 26 ft. Tool Size 3 1/2 - IF in.
Jars: Make Sterling Serial Number 1 Anchor Length 55 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, 1/2 in., blow increasing to 2 1/2 ins. No blow back during shut-in.
2nd Open: Weak, surface blow increasing to 1/2 in. No blow back during shut-in.

Recovered 60 ft. of mud = .295200 bbls. (Grind out: 100%-mud)
Recovered ft. of
Recovered ft. of
Recovered ft. of
Recovered ft. of
Remarks Tool Sample Grind Out: 100%-mud

Time Set Packer(s) 3:37 A.M. ~~RXX~~ Time Started Off Bottom 5:37 A.M. ~~RXX~~ Maximum Temperature 104°
Initial Hydrostatic Pressure (A) 1733 P.S.I.
Initial Flow Period Minutes 30 (B) 32 P.S.I. to (C) 49 P.S.I.
Initial Closed In Period Minutes 30 (D) 880 P.S.I.
Final Flow Period Minutes 30 (E) 57 P.S.I. to (F) 65 P.S.I.
Final Closed In Period Minutes 30 (G) 918 P.S.I.
Final Hydrostatic Pressure (H) 1691 P.S.I.

GENERAL INFORMATION

Client Information:

Company: L.D. DRILLING CO.

Contact: L.D. DAVIS

Phone: Fax: e-mail:

Site Information:

Contact: KIM SHOEMAKER

Phone: Fax: e-mail:

Well Information:

Name: JOYCE #1

Operator: L.D. DRILLING CO.

Location-Downhole: DST #2 CONG./VIOLA 3,475 - 3,530

Location-Surface: sec 22-21S-12W STAFORD COUNTY

Test Information:

Company: DIAMOND TESTING

Representative: CHRIS

Supervisor: KIM SHOEMAKER

Test Type: CONVENTIONAL

Job Number:

Test Unit: NO. 1

Start Date: 2008/06/23

Start Time: 02:01:00

End Date: 2008/06/23

End Time: 07:07:00

Report Date:

Prepared By:

Remarks:

Qualified By:

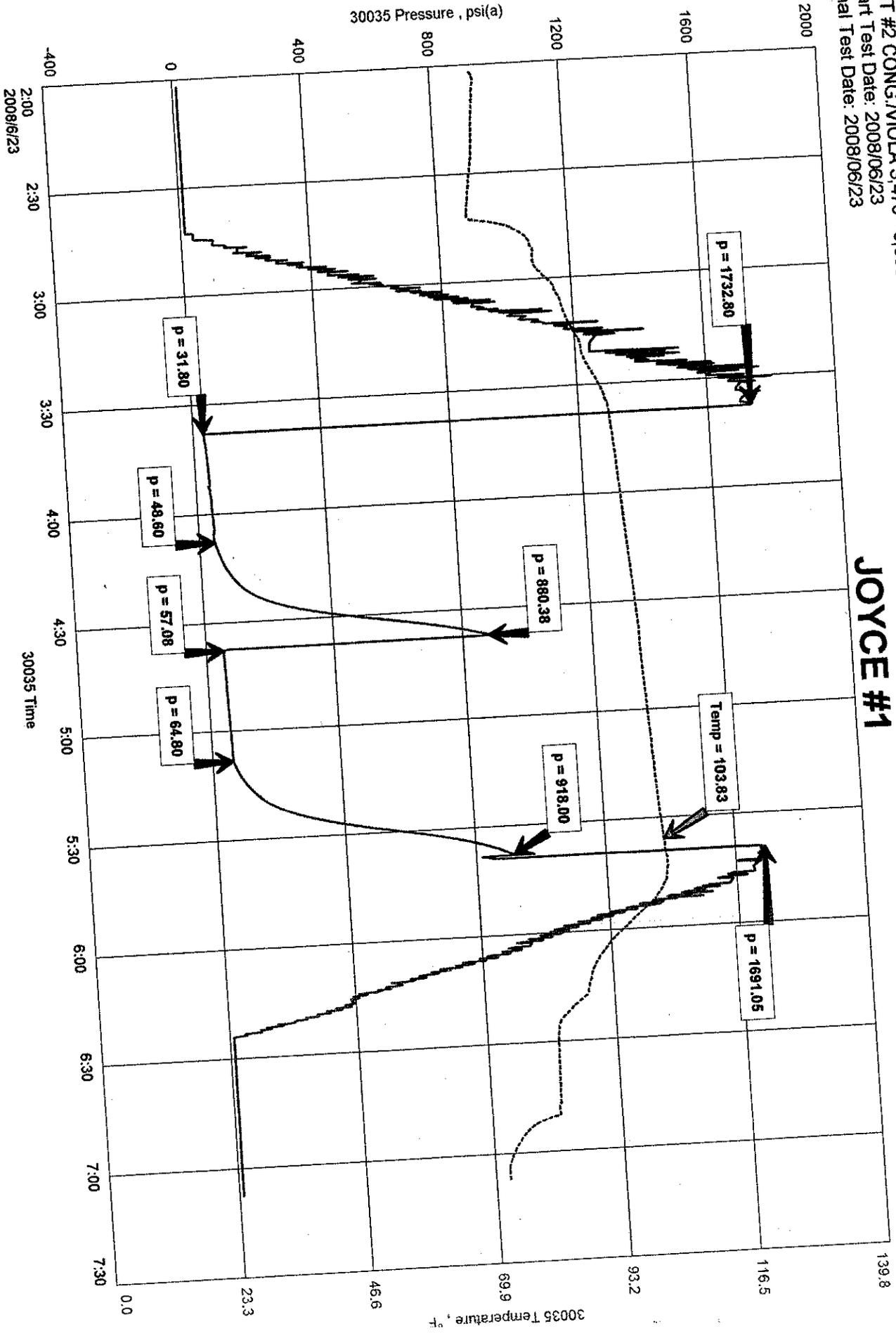
RECOVERED: 60' MUD 100% MUD

TOOL SAMPLE: 100% MUD

L.D. DRILLING CO.
DST #2 CONG./MIOLA 3,475 - 3,530
Start Test Date: 2008/06/23
Final Test Date: 2008/06/23

JOYCE #1

JOYCE #1
Formation: DST #2 CONG./MIOLA 3,475 - 3,530
Pool: WILDCAT

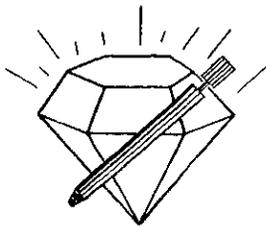


2008/6/23

30035 Time

30035 Pressure, psi(a)

30035 Temperature, °F



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Company L. D. Drilling, Inc. Lease & Well No. Joyce No. 1
Elevation 1847 KB Formation Arbuckle Effective Pay Ft. Ticket No. C 68
Date 6-23-08 Sec. 22 Twp. 21S Range 12W County Stafford State Kansas

Test Approved By Kim B. Shoemaker Diamond Representative Chris Redetzke

Formation Test No. 3 Interval Tested from 3,532 ft. to 3,587 ft. Total Depth 3,587 ft.

Packer Depth 3,527 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Packer Depth 3,532 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 3,535 ft. Recorder Number 30035 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 3,584 ft. Recorder Number 13387 Cap. 4,000 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 52 Weight Pipe Length ft. I.D. in.

Weight 9.0 Water Loss 12.4 cc. Drill Pipe Length 3,384 ft. I.D. 3 1/2 in.

Chlorides 15,000 P.P.M. Test Tool Length 26 ft. Tool Size 3 1/2 - IF in.

Jars: Make Sterling Serial Number 1 Anchor Length 55 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: Weak, surface blow increasing to 1 1/2 ins. No blow back during shut-in.
2nd Open: Fair, 1/2 in., blow increasing to 7 1/2 ins. No blow back during shut-in.

Recovered 144 ft. of gas in pipe

Recovered 40 ft. of oil cut gassy mud = .196800 bbls. (Grind out: 5%-oil; 10%-gas; 85%-mud)

Recovered 40 ft. of TOTAL FLUID = .196800 bbls.

Recovered ft. of

Recovered ft. of

Remarks Tool Sample Grind Out: 5%-oil; 10%-gas; 85%-mud

Time Set Packer(s) 4:49 ~~XXX~~ P.M. Time Started Off Bottom 7:19 ~~XXX~~ P.M. Maximum Temperature 101 °

Initial Hydrostatic Pressure (A) 1732 P.S.I.

Initial Flow Period Minutes 30 (B) 31 P.S.I. to (C) 44 P.S.I.

Initial Closed In Period Minutes 30 (D) 135 P.S.I.

Final Flow Period Minutes 45 (E) 41 P.S.I. to (F) 55 P.S.I.

Final Closed In Period Minutes 45 (G) 237 P.S.I.

Final Hydrostatic Pressure (H) 1653 P.S.I.

GENERAL INFORMATION

Client Information:

Company: L.D. DRILLING CO.

Contact: L.D. DAVIS

Phone: Fax: e-mail:

Site Information:

Contact: KIM SHOEMAKER

Phone: Fax: e-mail:

Well Information:

Name: JOYCE #1

Operator: L.D. DRILLING CO.

Location-Downhole: DST #3 ARBUCKLE 3,532 - 3,587

Location-Surface: sec 22-21S-12W STAFORD COUNTY

Test Information:

Company: DIAMOND TESTING

Representative: CHRIS

Supervisor: KIM SHOEMAKER

Test Type: CONVENTIONAL Job Number:

Test Unit: NO. 1

Start Date: 2008/06/23 Start Time: 15:09:00

End Date: 2008/06/23 End Time: 20:43:00

Report Date: Prepared By:

Remarks: Qualified By:

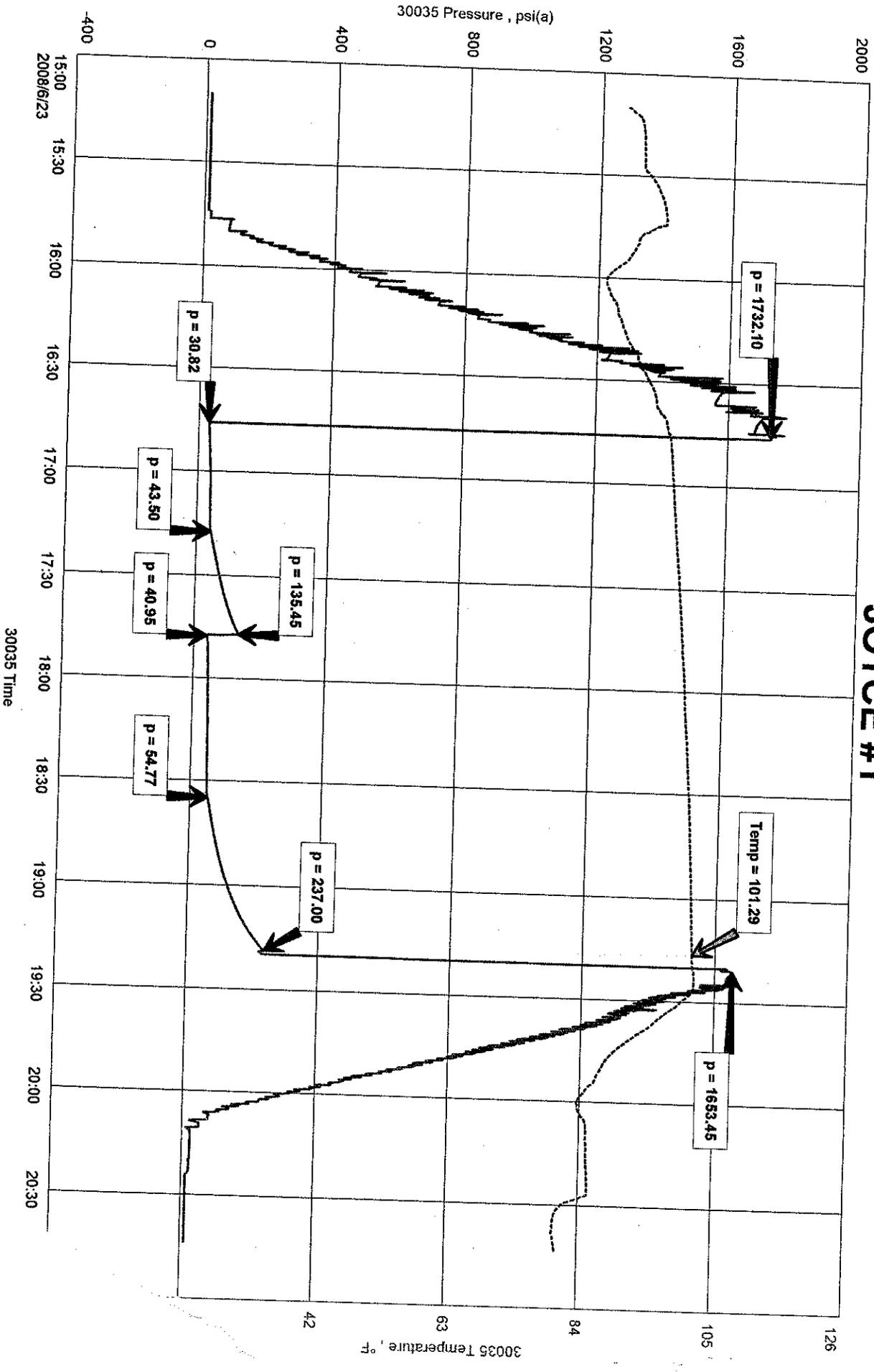
RECOVERED: 144' G.I.P.
40' O.C.G.M. 5% OIL, 10% GAS, 85% MUD

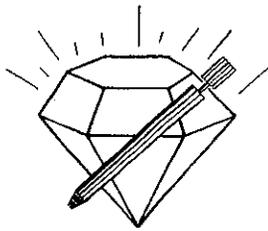
TOOL SAMPLE: 5% OIL, 10% GAS, 85% MUD

L.D. DRILLING CO.
DST #3 ARBUCKLE 3,532 - 3,587
Start Test Date: 2008/06/23
Final Test Date: 2008/06/23

JOYCE #1
Formation: DST #3 ARBUCKLE 3,532 -0 3,587
Pool: WILDCAT

JOYCE #1





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Company L. D. Drilling, Inc. Lease & Well No. Joyce No. 1
Elevation 1847 KB Formation Arbuckle Effective Pay -- Ft. Ticket No. C69
Date 6-24-08 Sec. 22 Twp. 21S Range 12W County Stafford State Kansas
Test Approved By Kim B. Shoemaker Diamond Representative Chris Redetzke

Formation Test No. 4 Interval Tested from 3,585 ft. to 3,600 ft. Total Depth 3,600 ft.
Packer Depth 3,580 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Packer Depth 3,585 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 3,588 ft. Recorder Number 30035 Cap. 5,000 psi
Bottom Recorder Depth (Outside) 3,597 ft. Recorder Number 13387 Cap. 4,000 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 52 Weight Pipe Length -- ft. I.D. -- in.
Weight 9.0 Water Loss 12.4 cc. Drill Pipe Length 3,437 ft. I.D. 3 1/2 in.
Chlorides 15,000 P.P.M. Test Tool Length 26 ft. Tool Size 3 1/2 - IE in.
Jars: Make Sterling Serial Number 1 Anchor Length 15 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: Strong blow increasing. Off bottom of bucket in 1 1/2 mins. An 11 in., blow back during shut-in.
2nd Open: Fair, 1/2 in., blow increasing. Off bottom of bucket in 7 mins. An 11 1/2 in., blow back during shut-in.

Recovered 2,386 ft. of gas in pipe
Recovered 526 ft. of free gassy oil = 6.774880 bbls. (Gravity: 38 @ 60°)
Recovered 124 ft. of oil cut muddy water = .626000 bbls. (Grind out: 5%-oil; 15%-mud; 80%-water)
Recovered 650 ft. of TOTAL FLUID = 7.400880 bbls. Chlorides: 40,000 Ppm
Recovered ft. of
Remarks Tool Sample Grind Out: 15%-oil; 85%-water

Time Set Packer(s) 2:20 ~~P.M.~~ ^{A.M.} Time Started Off Bottom 5:20 ~~P.M.~~ ^{A.M.} Maximum Temperature 111°
Initial Hydrostatic Pressure (A) 1774 P.S.I.
Initial Flow Period Minutes 30 (B) 124 P.S.I. to (C) 205 P.S.I.
Initial Closed In Period Minutes 45 (D) 552 P.S.I.
Final Flow Period Minutes 45 (E) 212 P.S.I. to (F) 274 P.S.I.
Final Closed In Period Minutes 60 (G) 501 P.S.I.
Final Hydrostatic Pressure (H) 1735 P.S.I.

GENERAL INFORMATION

Client Information:

Company: L.D DRILLING CO.

Contact: L.D. DAVIS

Phone: Fax: e-mail:

Site Information:

Contact: KIM SHOEMAKER

Phone: Fax: e-mail:

Well Information:

Name: JOYCE #1

Operator: L.D. DRILLING CO.

Location-Downhole: DST #4 ARBUCKLE 3,585 - 3,600

Location-Surface: sec 22-21S-12W STAFORD COUNTY

Test Information:

Company: DIAMOND TESTING

Representative: CHRIS

Supervisor: KIM SHOEMAKER

Test Type: CONVENTIONAL

Job Number:

Test Unit: NO. 1

Start Date: 2008/06/24

Start Time: 01:07:00

End Date: 2008/06/24

End Time: 07:41:00

Report Date:

Prepared By:

Remarks:

Qualified By:

RECOVERED: 2,386' G.I.P.

526' FREE GAS OIL GRAVITY: 38 @ 60 deg. F.

124' O.C.M.W. 5% OIL, 15% MUD, 80% WTR

650' TOTAL FLUID

TOOL SAMPLE: 15% OIL, 85% WTR

L.D DRILLING CO.
 DST #4 ARBUCKLE 3,585 - 3,600
 Start Test Date: 2008/06/24
 Final Test Date: 2008/06/24

JOYC
 Formation: DST #4 ARBUCKLE 3,585 - 3
 Pool: WILD

JOYCE #1

