



15-063-21682

20-15s-30w

DIAMOND TESTING

Page 1 of 2 Pages

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

Company L. D. Drilling, Inc. Lease & Well No. Roemer "B-A" Unit No. 1

Elevation 2649 KB Formation Lansing/Kansas City "H"- "J" Effective Pay -- Ft. Ticket No. 2420

Date 12-5-07 Sec. 20 Twp. 15S Range 30W County Gove State Kansas

Test Approved By Kim B. Shoemaker Diamond Representative Roger D. Friedly

Formation Test No. 1 Interval Tested from 3,884 ft. to 3,972 ft. Total Depth 3,972 ft.

Packer Depth 3,879 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 3,884 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set -- ft.

Top Recorder Depth (Inside) 3,873 ft. Recorder Number 30035 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 3,969 ft. Recorder Number 13387 Cap. 4,000 psi

Below Straddle Recorder Depth -- ft. Recorder Number -- Cap. -- psi

Drilling Contractor L. D. Drilling, Inc. - Rig 1 Drill Collar Length -- ft. I.D. -- in.

Mud Type Chemical Viscosity 49 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.1 Water Loss 9.2 cc. Drill Pipe Length 3,860 ft. I.D. 3 1/2 in.

Chlorides 1,200 P.P.M. Test Tool Length 24 ft. Tool Size 3 1/2 - IF in.

Jars: Make Bowen Serial Number Not Run Anchor Length 25' perf. w/63' 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, 1/2 in., blow increasing to 4 ins. No blow back during shut-in.

2nd Open: Weak, 1/2 in., blow increasing to 4 ins. No blow back during shut-in.

Recovered 30 ft. of gas in pipe

Recovered 55 ft. of oil cut mud = .564300 bbls. (Grind out: 14%-oil; 86%-mud)

Recovered 55 ft. of TOTAL FLUID = .564300 bbls.

Recovered -- ft. of

Recovered -- ft. of

Remarks Tool Sample Grind Out: 10%-oil; 90%-mud

Diesel fuel in bucket.

Time Set Packer(s) 8:09 P.M. Time Started Off Bottom 11:09 P.M. Maximum Temperature 111°

Initial Hydrostatic Pressure (A) 1849 P.S.I.

Initial Flow Period Minutes 30 (B) 10 P.S.I. to (C) 22 P.S.I.

Initial Closed In Period Minutes 45 (D) 1012 P.S.I.

Final Flow Period Minutes 45 (E) 24 P.S.I. to (F) 37 P.S.I.

Final Closed In Period Minutes 60 (G) 988 P.S.I.

Final Hydrostatic Pressure (H) 1847 P.S.I.

## GENERAL INFORMATION

### Client Information:

Company: L.D. DRILLING, INC.

Contact: L.D. DAVIS

Phone: Fax: e-mail:

### Site Information:

Contact: KIM SHOEMAKER

Phone: Fax: e-mail:

### Well Information:

Name: ROEMER B-A UNIT #1

Operator: L.D. DRILLING, INC.

Location-Downhole: DST #1 LKC 'H-J' 3,884' - 3,972'

Location-Surface: SEC 20-15S-30W GOVE COUNTY

### Test Information:

Company: DIAMOND TESTING

Representative: ROGER D. FRIEDLY

Supervisor: KIM SHOEMAKER

Test Type: CONVENTIONAL Job Number:

Test Unit: NO. 1

Start Date: 2007/12/05 Start Time: 17:49:00

End Date: 2007/12/06 End Time: 01:17:00

Report Date: Prepared By:

Qualified By:

### Remarks:

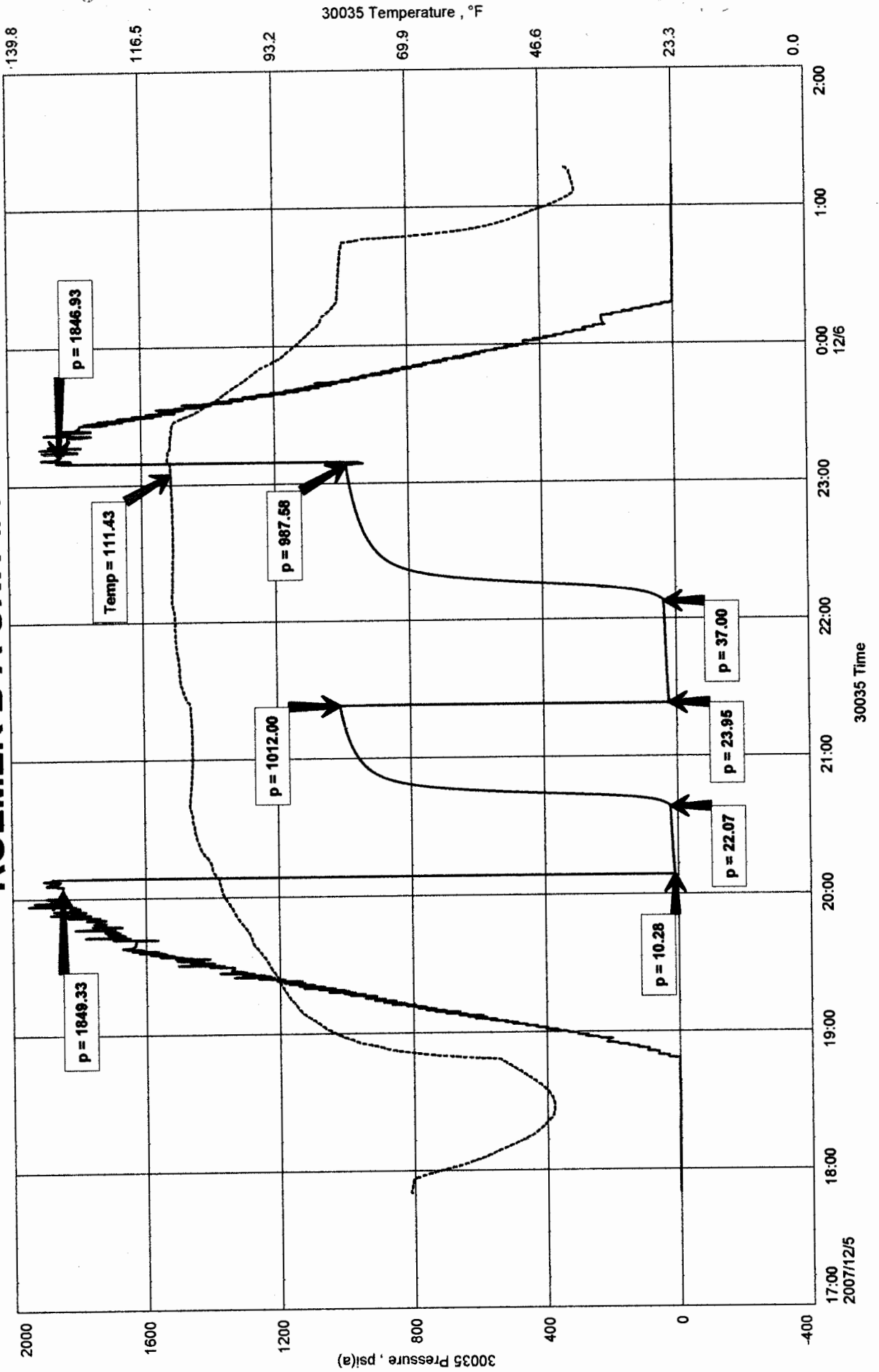
RECOVERED: 30' GAS IN PIPE  
55' OCM 14% OIL 86% MUD

TOOL SAMPLE: 10% OIL, 90% MUD

ROEMER B-A UNIT #1  
 Formation: DST #1 LKC 'H-J' 3,884' - 3,972'  
 Pool: WILDCAT

L.D. DRILLING, INC.  
 DST #1 LKC 'H-J' 3,884' - 3,972'  
 Start Test Date: 2007/12/05  
 Final Test Date: 2007/12/06

# ROEMER B-A UNIT #1





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

Company L. D. Drilling, Inc. Lease & Well No. Roemer "B-A" Unit No. 1

Elevation 2649 KB Formation Pawnee/Myrick Effective Pay -- Ft. Ticket No. 2421

Date 12-7-07 Sec. 20 Twp. 15S Range 30W County Gove State Kansas

Test Approved By Kim B. Shoemaker Diamond Representative Roger D. Friedly

Formation Test No. 2 Interval Tested from 4,171 ft. to 4,223 ft. Total Depth 4,223 ft.

Packer Depth 4,166 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 4,171 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set          ft.

Top Recorder Depth (Inside) 4,160 ft. Recorder Number 30035 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 4,220 ft. Recorder Number 13387 Cap. 4,000 psi

Below Straddle Recorder Depth          ft. Recorder Number          Cap.          psi

Drilling Contractor L. D. Drilling, Inc. - Rig 1 Drill Collar Length -- ft. I.D. -- in.

Mud Type Chemical Viscosity 53 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.2 Water Loss 8.0 cc. Drill Pipe Length 4,147 ft. I.D. 3 1/2 in.

Chlorides 1,400 P.P.M. Test Tool Length 24 ft. Tool Size 3 1/2 - IF in.

Jars: Make Bowen Serial Number Not Run Anchor Length 21' 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, 1/2 in., blow increasing to 7 1/2 ins. No blow back during shut-in.

2nd Open: Weak, surface blow increasing to 6 1/2 ins. No blow back during shut-in.

Recovered 60 ft. of gas in pipe

Recovered 128 ft. of slightly water & oil cut mud = 1.313280 bbls. (Grind out: 4%-water; 12%-oil; 84%-mud)

Recovered 128 ft. of TOTAL FLUID = 1.313280 bbls.

Recovered          ft. of

Recovered          ft. of

Remarks Tool Sample Grind Out: 10%-water; 12%-gas; 33%-oil; 45%-mud

Diesel in bucket.

Time Set Packer(s) 1:50 A.M. Time Started Off Bottom 4:50 P.M. Maximum Temperature 119°

Initial Hydrostatic Pressure ..... (A) 2041 P.S.I.

Initial Flow Period ..... Minutes 30 (B) 11 P.S.I. to (C) 37 P.S.I.

Initial Closed In Period ..... Minutes 45 (D) 1091 P.S.I.

Final Flow Period ..... Minutes 45 (E) 38 P.S.I. to (F) 67 P.S.I.

Final Closed In Period ..... Minutes 60 (G) 1067 P.S.I.

Final Hydrostatic Pressure ..... (H) 2037 P.S.I.

## GENERAL INFORMATION

### Client Information:

Company: L.D. DRILLING, INC.

Contact: L.D. DAVIS

Phone: Fax: e-mail:

### Site Information:

Contact: KIM SHOEMAKER

Phone: Fax: e-mail:

### Well Information:

Name: ROEMER B-A UNIT #1

Operator: L.D. DRILLING, INC.

Location-Downhole: DST #2 PAWNEE / MYRICK 4,171' - 4,223'

Location-Surface: SEC 20-15S-30W GOVE COUNTY

### Test Information:

Company: DIAMOND TESTING

Representative: ROGER D. FRIEDLY

Supervisor: KIM SHOEMAKER

Test Type: CONVENTIONAL Job Number:

Test Unit: NO. 1

Start Date: 2007/12/06 Start Time: 23:39:00

End Date: 2007/12/07 End Time: 06:54:00

Report Date: Prepared By:

Qualified By:

### Remarks:

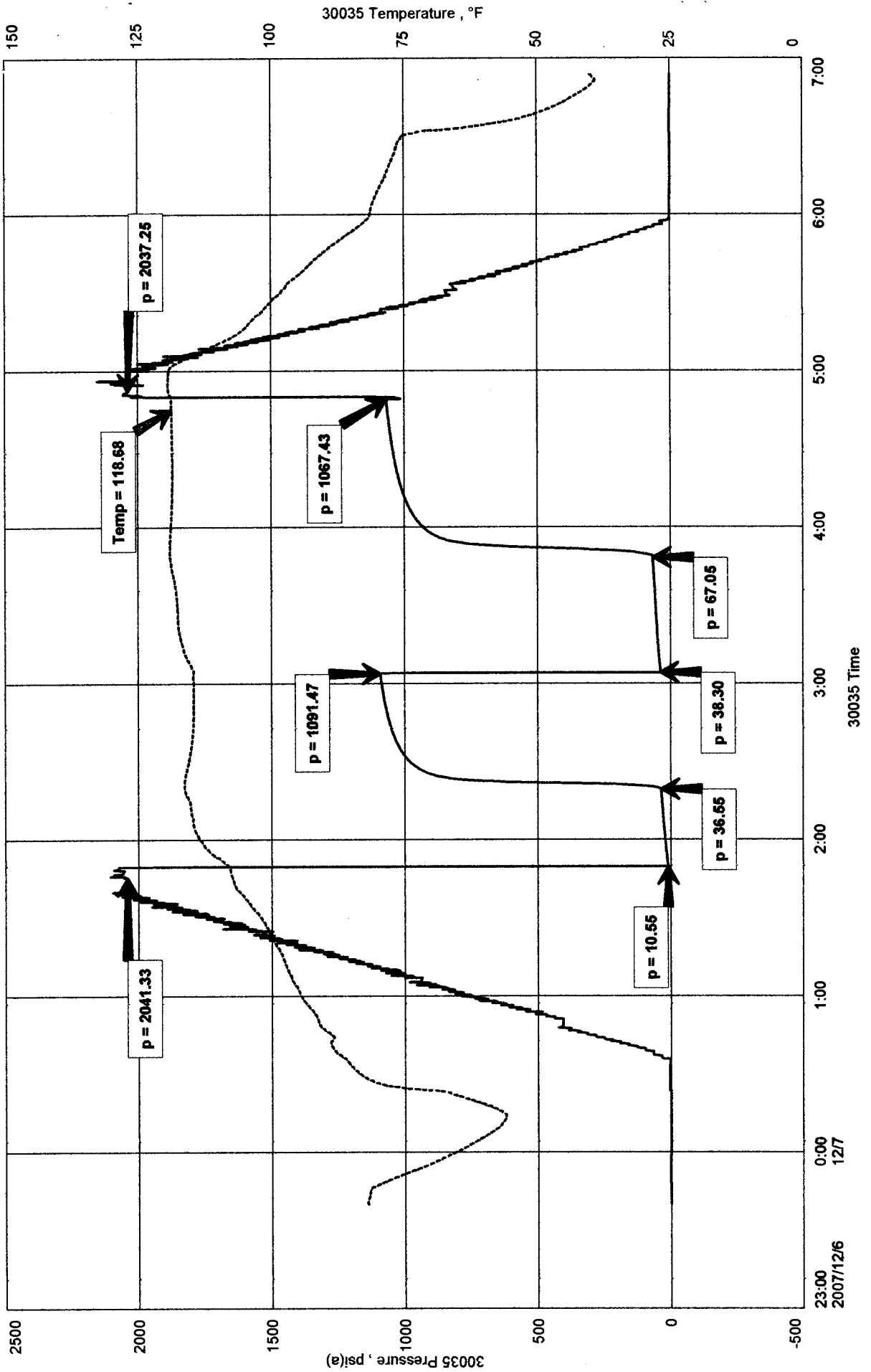
RECOVERED: 60' GAS IN PIPE  
128' SLTW&OCM 4% WTR, 12% OIL, 84% MUD

TOOL SAMPLE: 10% WTR, 12% GAS, 33% OIL, 45% MUD

ROEMER B-A UNIT #1  
 Formation: DST #2 PAWNEE / MYRICK 4,171' - 4,223'  
 Pool: WILDCAT

L.D. DRILLING, INC.  
 DST #2 PAWNEE / MYRICK 4,171' - 4,223'  
 Start Test Date: 2007/12/06  
 Final Test Date: 2007/12/07

# ROEMER B-A UNIT #1





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Company L. D. Drilling, Inc. Lease & Well No. Roemer "B-A" Unit No. 1  
Elevation 2649 KB Formation Johnson Effective Pay      Ft. Ticket No. 2422  
Date 12-7-07 Sec. 20 Twp. 15S Range 30W County Gove State Kansas

Test Approved By Kim B. Shoemaker Diamond Representative Roger D. Friedly

Formation Test No. 3 Interval Tested from 4,257 ft. to 4,325 ft. Total Depth 4,325 ft.  
Packer Depth 4,252 ft. Size 6 3/4 in. Packer Depth      ft. Size      in.  
Packer Depth 4,257 ft. Size 6 3/4 in. Packer Depth      ft. Size      in.

Depth of Selective Zone Set      ft.

Top Recorder Depth (Inside) 4,246 ft. Recorder Number 30035 Cap. 5,000 psi  
Bottom Recorder Depth (Outside) 4,322 ft. Recorder Number 13387 Cap. 4,000 psi  
Below Straddle Recorder Depth      ft. Recorder Number      Cap.      psi

Drilling Contractor L. D. Drilling, Inc. - Rig 1 Drill Collar Length      ft. I.D.      in.  
Mud Type Chemical Viscosity 44 Weight Pipe Length      ft. I.D.      in.  
Weight 9.4 Water Loss 8.8 cc. Drill Pipe Length 4,233 ft. I.D. 3 1/2 in.  
Chlorides 2,000 P.P.M. Test Tool Length 24 ft. Tool Size 3 1/2 - IF in.  
Jars: Make Bowen Serial Number Not Run Anchor Length 68 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: Weak, 1/2 in., blow increasing to 1 3/4 ins. No blow back during shut-in.  
2nd Open: Weak, surface blow increasing to 1/2 in. No blow back during shut-in.

Recovered 15 ft. of drilling mud = .153900 bbls. (Grind out: 100%-drilling mud)  
Recovered      ft. of       
Recovered      ft. of       
Recovered      ft. of       
Recovered      ft. of     

Remarks Tool Sample Grind Out: 100%-drilling mud with a few oil specks  
Diesel fuel in bucket.

Time Set Packer(s) 8:38 ~~XXM.~~ P.M. Time Started Off Bottom 10:38 ~~XXM.~~ P.M. Maximum Temperature 113°  
Initial Hydrostatic Pressure ..... (A) 2092 P.S.I.  
Initial Flow Period ..... Minutes 30 (B) 10 P.S.I. to (C) 15 P.S.I.  
Initial Closed In Period ..... Minutes 30 (D) 640 P.S.I.  
Final Flow Period ..... Minutes 30 (E) 15 P.S.I. to (F) 18 P.S.I.  
Final Closed In Period ..... Minutes 30 (G) 514 P.S.I.  
Final Hydrostatic Pressure ..... (H) 2092 P.S.I.

## GENERAL INFORMATION

### Client Information:

Company: L.D. DRILLING, INC.

Contact: L.D. DAVIS

Phone: Fax: e-mail:

### Site Information:

Contact: KIM SHOEMAKER

Phone: Fax: e-mail:

### Well Information:

Name: ROEMER B-A UNIT #1

Operator: L.D. DRILLING, INC.

Location-Downhole: DST #3 JOHNSON 4,257' - 4,325'

Location-Surface: SEC 20-15S-30W GOVE COUNTY

### Test Information:

Company: DIAMOND TESTING

Representative: ROGER D. FRIEDLY

Supervisor: KIM SHOEMAKER

Test Type: CONVENTIONAL

Job Number:

Test Unit: NO. 1

Start Date: 2007/12/07

Start Time: 18:34:00

End Date: 2007/12/08

End Time: 01:03:00

Report Date:

Prepared By:

### Remarks:

Qualified By:

RECOVERED: 15' 100% DM

TOOL SAMPLE: 100% DM WITH A FEW OIL SPECKS

L.D. DRILLING, INC.  
 DST #3 JOHNSON 4,257' - 4,325'  
 Start Test Date: 2007/12/07  
 Final Test Date: 2007/12/08

ROEMER B-A UNIT #1  
 Formation: DST #3 JOHNSON 4,257' - 4,325'  
 Pool: WILDCAT

# ROEMER B-A UNIT #1

