

## 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: JANE 1-4

Operator: L D DRILLING INC

Location-Downhole:

Location-Surface: S4/23S/17W

### Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: KIM SHOEMAKER

Test Type: CONVENTIONAL Job Number: D913

Test Unit:

Start Date: 2011/03/02 Start Time: 23:00:00

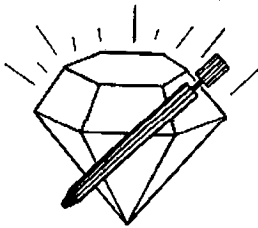
End Date: 2011/03/03 End Time: 07:20:00

Report Date: 2011/03/03 Prepared By: JOHN RIEDL

Qualified By: KIM SHOEMAKER

### Remarks:

RECOVERY: 250' VERY SLIGHTLY OIL CUT WATERY MUD  
600' SLIGHTLY MUD CUT WATER



# DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

ON 23:00 03/02/11

OFF 13:05 03/03/11

## DRILL-STEM TEST TICKET

STCJAne1-4DST1

Company L D DRILLING INC Lease & Well No. JANE 1-4  
 Contractor PETROMARK RIG 2 Charge to L D DRILLING INC  
 Elevation 2065 K.B Formation CONG CHERT Effective Pay \_\_\_\_\_ Ft. Ticket No. D913  
 Date 3/03/11 Sec. 4 Twp. 23 S Range 17 W County PAWNEE State KANSAS  
 Test Approved By KIM SHOEMAKER Diamond Representative JOHN C. RIEDL

Formation Test No. 1 Interval Tested from 4116 ft. to 4200 ft. Total Depth 4200 ft.  
 Packer Depth 4111 ft. Size 6 3/4 in. Packer Depth 4298 ft. Size 6 3/4 in.  
 Packer Depth 4116 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
 Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 4119 ft. Recorder Number 30046 Cap. 6000 P.S.I.  
 Bottom Recorder Depth (Outside) 4197 ft. Recorder Number 11017 Cap. 4000 P.S.I.  
 Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type CHEMICAL Viscosity 52 Drill Collar Length 120 ft. I.D. 2 1/4 in.  
 Weight 9.2 Water Loss 9.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.  
 Chlorides 6800 P.P.M. Drill Pipe Length 3970 ft. I.D. 3 1/2 in.  
 Jars: Make BOWEN Serial Number #2 Test Tool Length 26 ft. Tool Size 3 1/2-1F in.  
 Did Well Flow? NO Reversed Out NO Anchor Length 84 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 MINUTE) NO BB  
 2nd Open: FAIR (4") NO BB

Recovered 250 ft. of VSLOCWM (1%OIL 20%WATER 79%MUD)  
 Recovered 600 ft. of MCW (10%MUD 90%WATER) CHLORIDES 60,000Ppm

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: <u>TOTAL FLUID RECOVERY:850(730' IN DRILL PIPE, 120'DRILL COLLARS))</u>	Insurance
_____	Total

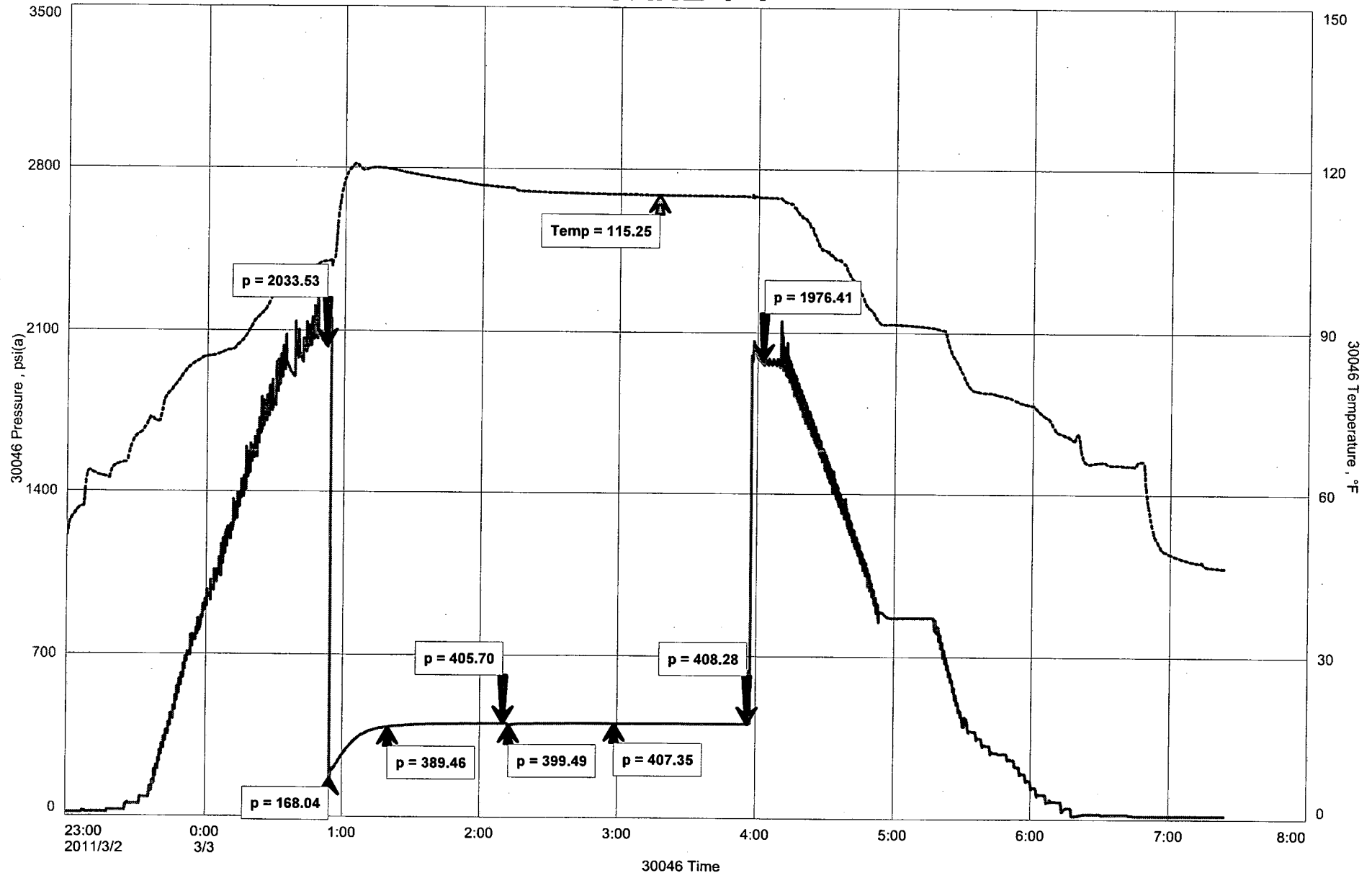
Time Set Packer(s) 1:00 A.M. A.M. P.M. Time Started Off Bottom 4:00 A.M. A.M. P.M. Maximum Temperature 115  
 Initial Hydrostatic Pressure ..... (A) 2034 P.S.I.  
 Initial Flow Period ..... Minutes 30 (B) 168 P.S.I. to (C) 389 P.S.I.  
 Initial Closed In Period ..... Minutes 45 (D) 406 P.S.I.  
 Final Flow Period ..... Minutes 45 (E) 399 P.S.I. to (F) 407 P.S.I.  
 Final Closed In Period ..... Minutes 60 (G) 408 P.S.I.  
 Final Hydrostatic Pressure ..... (H) 1976 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: 2011/03/02  
Final Test Date: 2011/03/03

JANE 1-4  
Formation: CONG CHERT  
Job Number: D913

# JANE 1-4



## 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: JANE 1-4

Operator: L D DRILLING INC

Location-Downhole:

Location-Surface: S4/23S/17W

### Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: KIM SHOEMAKER

Test Type: CONVENTIONAL Job Number: D914

Test Unit:

Start Date: 2011/03/03 Start Time: 18:00:00

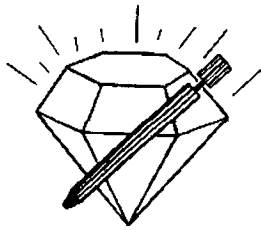
End Date: 2011/03/04 End Time: 01:10:00

Report Date: 2011/03/04 Prepared By: JOHN RIEDL

Qualified By: KIM SHOEMAKER

### Remarks:

RECOVERY: 140' SLIGHTLY AS CUT MUD  
60' VERY SLIGHTLY OIL CUT GASSY MUD



# DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

ON 18:00 03/03/11

OFF 01:10 03/04/11

## DRILL-STEM TEST TICKET

STCJAne1-4DST2

Company L D DRILLING INC Lease & Well No. JANE 1-4  
 Contractor PETROMARK RIG 2 Charge to L D DRILLING INC  
 Elevation 2065 K.B Formation VIOLA Effective Pay \_\_\_\_\_ Ft. Ticket No. D914  
 Date 3/03/11 Sec. 4 Twp. 23 S Range 17 W County PAWNEE State KANSAS  
 Test Approved By KIM SHOEMAKER Diamond Representative JOHN C. RIEDL

Formation Test No. 2 Interval Tested from 4238 ft. to 4270 ft. Total Depth 4270 ft.  
 Packer Depth 4233 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
 Packer Depth 4238 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. 6000 P.S.I.  
 Bottom Recorder Depth (Outside) \_\_\_\_\_ ft. Recorder Number 11073 Cap. 4000 P.S.I.  
 Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type CHEMICAL Viscosity 52 Drill Collar Length 120 ft. I.D. 2 1/4 in.  
 Weight 9.2 Water Loss 16 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.  
 Chlorides 22,000 P.P.M. Drill Pipe Length 4126 ft. I.D. 3 1/2 in.  
 Jars: Make BOWEN Serial Number #2 Test Tool Length 26 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: STRONG (B.O.B 25 MINUTES) NO BB  
 2nd Open: STRONG (B.O.B 1 MINUTE) FAIR BB

Recovered 140 ft. of SLGCM (5%GAS 95%MUD)  
 Recovered 60 ft. of SLOGCM (5%OIL 30%GAS 65%MUD)  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: <u>TOTAL FLUID RECOVERY: 200' (80' IN DRILL PIPE, 120 'DRILL COLLARS)</u>	Insurance
	Total

Time Set Packer(s) 8:00 P.M A.M. P.M. Time Started Off Bottom 11:00 P.M A.M. P.M. Maximum Temperature 115  
 Initial Hydrostatic Pressure ..... (A) 2057 P.S.I.  
 Initial Flow Period ..... Minutes 30 (B) 106 P.S.I. to (C) 107 P.S.I.  
 Initial Closed In Period ..... Minutes 45 (D) 823 P.S.I.  
 Final Flow Period ..... Minutes 45 (E) 116 P.S.I. to (F) 120 P.S.I.  
 Final Closed In Period ..... Minutes 60 (G) 819 P.S.I.  
 Final Hydrostatic Pressure ..... (H) 2039 P.S.I.

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L D DRILLING INC  
Start Test Date: 2011/03/03  
Final Test Date: 2011/03/04

JANE 1-4  
Formation: VIOLA  
Job Number: D914

# JANE 1-4

