

DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET

1-175-15w
15-009-24804
Davis Petroleum, Inc.
Hejny 'A' 4

Company L.D. ~~DRILLING INC.~~ Lease & Well No. HEJNY 'A' #4
Contractor PETROMARK DRILLING R/L Charge to L.D. DRILLING INC.
Elevation 1967 K.D. Formation LOWERTOPKA Effective Pay _____ Ft. Ticket No. _____
Date 11/13/04 Sec. 1 Twp. 17 S Range 15 W County BARTON State KANSAS
Test Approved By KIM CHOCMAKUS Diamond Representative ROGER D. FRIEDLY

Formation Test No. 1 Interval Tested from 3080 ft. to 3110 ft. Total Depth 3110 ft.
Packer Depth 3075 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Packer Depth 3080 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3089 ft. Recorder Number 21099 Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside) 3107 ft. Recorder Number 11073 Cap. 3900 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 60 Drill Collar Length 0 ft. I.D. 2 1/4 in.
Weight 8.9 Water Loss 11.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 9,600 P.P.M. Drill Pipe Length 3060 ft. I.D. 3 1/2 in.
Jars: Make BOWEN Serial Number NOT RDN Test Tool Length 20 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 30 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: WEAK (SURFACE BLOW THROUGHOUT)
2nd Open: _____

Recovered 10 ft. of DRILLING MUD WITH CH SPECKS
Recovered _____ ft. of _____
Recovered _____ ft. of _____

Recovered _____ ft. of _____
Recovered _____ ft. of _____
Remarks: _____

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KCC WICHITA

Price Job
Other Charges
Insurance
Total

Time Set Packer(s) 7:00 A.M. P.M. Time Started Off Bottom 8:00 A.M. P.M. Maximum Temperature 83
Initial Hydrostatic Pressure _____ (A) 1465 P.S.I.
Initial Flow Period _____ Minutes 30 (B) 28 P.S.I. to (C) 34 P.S.I.
Initial Closed In Period _____ Minutes 30 (D) 1020 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) 1456 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: HEJNY "A" #4

Operator: L D DRILLING INC

Location-Downhole: DST 1 3080-3110

Location-Surface: S1/17S/15W

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: KIM SHOEMAKER

Test Type: CONVENTIONAL

Job Number: D82

Test Unit: 2

Start Date: 2004/11/13

Start Time: 05:17:00

End Date: 2004/11/13

End Time: 09:42:00

Report Date: 2004/11/13

Prepared By: JOHN RIEDL

Remarks:

Qualified By: KIM SHOEMAKER

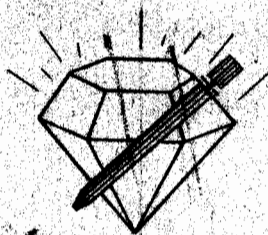
RECOVERY: 10' DRILLING MUD WITH OIL SPECKS

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DIAMOND TESTING
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DRILL-STEM TEST TICKET

Company L.O. DRILLING INC Lease & Well No. HEJNY "A" #4
Contractor PETROMARK DRILLING RIG 1 Charge to L.O. DRILLING INC
Elevation 1967 K.B. Formation LANSING "A" Effective Pay _____ Ft. Ticket No. _____
Date 11/13/04 Sec. 1 Twp. 17 S Range 15 W County BARTON State KANSAS
Test Approved By KIM SHOCKMAKER Diamond Representative ROGER D. FRIEDLY

Formation Test No. 2 Interval Tested from 3213 ft. to 3241 ft. Total Depth 3241 ft.
Packer Depth 3208 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Packer Depth 3213 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3216 ft. Recorder Number 21099 Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside) 3238 ft. Recorder Number 11073 Cap. 3900 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 52 Drill Collar Length 0 ft. I.D. 2 1/4 in.
Weight 9 Water Loss 16 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 16,000 P.P.M. Drill Pipe Length 3193 ft. I.D. 3 1/2 in.
Jars: Make BOWEN Serial Number NOT RAN Test Tool Length 20 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 28 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: WEAK (2")
2nd Open: WEAK (1")

Recovered 65 ft. of GIP
Recovered 55 ft. of WM WITH OK SKEWS (40% WATER 60% MUD)
Recovered _____ ft. of CHLORIDE 40,000 PPM

Recovered _____ ft. of _____
Recovered _____ ft. of 92
Remarks: _____
1573 43
23

RECEIVED	Price Job
JAN 26 2005	Other Charges
KCC WICHITA	Insurance
	Total

Time Set Packer(s) 10:15 AM Time Started Off Bottom 12:15 PM Maximum Temperature 92°
Initial Hydrostatic Pressure _____ (A) 1573 P.S.I.
Initial Flow Period _____ Minutes 30 (B) 23 P.S.I. to (C) 43 P.S.I.
Initial Closed In Period _____ Minutes 30 (D) 952 P.S.I.
Final Flow Period _____ Minutes 30 (E) 45 P.S.I. to (F) 55 P.S.I.
Final Closed In Period _____ Minutes 30 (G) 929 P.S.I.
Final Hydrostatic Pressure _____ (H) 1542 P.S.I.



DIAMOND TESTING
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FLUID SAMPLE DATA

Company L O DRILLING INC
Lease & Well No. HEAD D #4
Date 11/13/04 Sec. 1 Twp. 17 S Range 1 W
Formation Test No. 2 Interval Tested From 3213 ft. to 3241 ft. Total Depth 3241 ft.
Formation LDOSING D

	<u>MUD PIT</u>	<u>RECOVERY</u>
Viscosity	<u>52</u> CP	<u>—</u> CP
Weight	<u>9</u>	<u>—</u>
Water Loss	<u>16</u> CC	<u>25+</u> CC
PH Factor	<u>10.5</u>	<u>7</u>

	<u>RESISTIVITY</u>	<u>CHLORIDE CONTENT</u>
Recovery Water	<u>22</u> @ <u>50</u> °F.	<u>40,000</u> ppm
Recovery Mud	<u>—</u> @ <u>—</u> °F.	<u>—</u> ppm
Recovery Mud Filtrate	<u>—</u> @ <u>—</u> °F.	<u>—</u> ppm
Mud Pit Sample	<u>.5</u> @ <u>55</u> °F.	<u>17,000</u> ppm
Mud Pit Sample Filtrate	<u>.4</u> @ <u>58</u> °F.	<u>18,000</u> ppm

Sample Taken By JOHN C. RIEDL

Witness By _____

Remarks Pit filtrate triton dish chlorides were 16,000 Ppm

Recovery filtrate triton dish chlorides were — Ppm

Recovery water dish chlorides were 40,000 Ppm

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KCC WICHITA

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: HEJNY "A" #4

Operator: L D DRILLING INC

Location-Downhole: DST 2 3213-3247

Location-Surface: S1/17S/15W

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: KIM SHOEMAKER

Test Type: CONVENTIONAL

Job Number: D83

Test Unit: 2

Start Date: 2004/11/13

Start Time: 20:58:00

End Date: 2004/11/14

End Time: 02:10:10

Report Date: 2004/11/14

Prepared By: JOHN RIEDL

Remarks:

Qualified By: KIM SHOEMAKER

REC. 65' GAS IN PIPE

55' WM WITH OIL SPECKS [40%WATER 60%MUD] 40,000Ppm CHLORIDES

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DRILL-STEM TEST TICKET

Company L.O. DRILLING INC. Lease & Well No. HEJNY "A" #4
Contractor PETROMARK DRILLING R/L Charge to L.O. DRILLING INC.
Elevation 1967 KB Formation LYNE HILL Effective Pay _____ Ft. Ticket No. _____
Date 11/4/04 Sec. 1 Twp. 17 S Range 15 W County BARTON State KANSAS
Test Approved By _____ Diamond Representative ROGER D. FRIEDLY

Formation Test No. 43 Interval Tested from 3338 ft. to 3415 ft. Total Depth 3415 ft.
Packer Depth 3333 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Packer Depth 3338 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3341 ft. Recorder Number 21099 Cap. 3341 S.S.I.
Bottom Recorder Depth (Outside) 3412 ft. Recorder Number 11073 Cap. 3412 S.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 50 Drill Collar Length 0 ft. I.D. 2 1/4 in.
Weight 9.1 Water Loss 16 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 12000 P.P.M. Drill Pipe Length 3318 ft. I.D. 3 1/2 in.
Jars: Make BOWEN Serial Number NOT RAN Test Tool Length 20 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 77 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: STRONG (BOB 12 MINUTES) NO BB
2nd Open: STRONG (BOB 5 MINUTES) WK BB

Recovered 200 ft. of GIP
Recovered 90 ft. of 6+0 CM (25% GAS 25% OIL 50% MUD)
Recovered 60 ft. of GMO (25% GAS 30% MUD 45 OIL)

Recovered _____ ft. of _____
Recovered 150 ft. of TOTAL FLUID RECOVERY
Remarks: _____
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KCG WICHITA

Time Set Packer(s) 9:00 AM Time Started Off Bottom 12:08 PM Maximum Temperature 90
Initial Hydrostatic Pressure _____ (A) 1640 P.S.I.
Initial Flow Period _____ Minutes 30 (B) 37 P.S.I. to (C) 62 P.S.I.
Initial Closed In Period _____ Minutes 45 (D) 270 P.S.I.
Final Flow Period _____ Minutes 45 (E) 68 P.S.I. to (F) 94 P.S.I.
Final Closed In Period _____ Minutes 60 (G) 839 P.S.I.
Final Hydrostatic Pressure _____ (H) 1621 P.S.I.



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FLUID SAMPLE DATA

Company L D DRILLING INC.
Lease & Well No. WICHITA #4
Date 11/14/04 Sec. 1 Twp. 17 S Range 15 W
Formation Test No. 3 Interval Tested From 3338 ft. to 3415 ft. Total Depth 3415 ft.
Formation LKC HILK

	<u>MUD PIT</u>	<u>RECOVERY</u>
Viscosity	<u>50</u> CP	<u> </u> CP
Weight	<u>9.1</u>	<u> </u>
Water Loss	<u>16</u> CC	<u> </u> CC
PH Factor	<u>9.5</u>	<u> </u>

	<u>RESISTIVITY</u>	<u>CHLORIDE CONTENT</u>
Recovery Water	<u> </u> @ <u> </u> °F. <u> </u> ppm	
Recovery Mud	<u> </u> @ <u> </u> °F. <u> </u> ppm	
Recovery Mud Filtrate	<u> </u> @ <u> </u> °F. <u> </u> ppm	
Mud Pit Sample	<u>.6</u> @ <u>55</u> °F. <u>14,000</u> ppm	
Mud Pit Sample Filtrate	<u> </u> @ <u>55</u> °F. <u>16,000</u> ppm	

Sample Taken By JOHN C. RIEDL

Witness By

Remarks Pit filtrate triton dish chlorides were 12,000 Ppm

Recovery filtrate triton dish chlorides were Ppm

Recovery water dish chlorides were Ppm

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KCC WICHITA

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: HEJNY "A" #4

Operator: L D DRILLING INC

Location-Downhole: DST 3 3338-3415

Location-Surface: S1/17S/15W BARTON COUNTY

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: KIM SHOEMAKER

Test Type: CONVENTIONAL

Job Number: D84

Test Unit: 2

Start Date: 2004/11/14

Start Time: 19:50:00

End Date: 2004/11/15

End Time: 02:22:30

Report Date: 2004/11/15

Prepared By: JOHN RIEDL

Remarks:

Qualified By: KIM SHOEMAKER

RECOVERY: 800' GIP

90' G+OCM [25% GAS 25%OIL N50%MUD]

150' MGO [25%GAS 30%MUD 45%OIL]

TOTAL FLUID REC. 150'

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DRILL-STEM TEST TICKET

Company DAVIS PET INC Lease & Well No. HLWD 10" #4
Contractor LD DRILLING INC Charge to PETROMARK DRILLING CO
Elevation 1967 KB Formation ARBUCKLE Effective Pay _____ Ft. Ticket No. _____
Date _____ Sec. 1 Twp. 17S Range 15W County EDWATON State KS
Test Approved By _____ Diamond Representative JOHN C. RIEDL

Formation Test No. 4 Interval Tested from 3427 ft. to 3455 ft. Total Depth 3455 ft.
Packer Depth 3422 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Packer Depth 3427 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3430 ft. Recorder Number 21099 Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside) 3452 ft. Recorder Number 11073 Cap. 3900 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

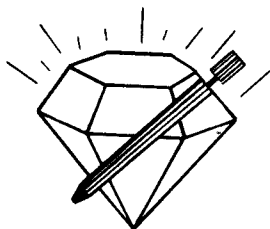
Mud Type CHEMICAL Viscosity 4P Drill Collar Length 0 ft. I.D. 2 1/4 in.
Weight 9' Water Loss 12 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 12,000 P.P.M. Drill Pipe Length 3407 ft. I.D. 3 1/2 in.
Jars: Make BOWEN Serial Number NOT RPN Test Tool Length 20 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 28 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: STRONG (SLOW BUILD TO 10") NO BB
2nd Open: GOOD (SLOW BUILD TO 5") NO BB

Recovered 300 ft. of GIP
Recovered 150 ft. of CGO (102, 60, 70, 20K) 376 GADUITY (660
Recovered 90 ft. of WCCMO (152, WATER 102, MUD 102, 60, 65, 20K)
Recovered _____ ft. of CHLORIDES 16,000 PPM
Recovered 240 ft. of TOTAL ROC
Remarks: _____
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KCC WICHITA

Price Job
Other Charges
Insurance
Total

Time Set Packer(s) 11:48 A.M. Time Started Off Bottom 2:12 P.M. Maximum Temperature 94
Initial Hydrostatic Pressure _____ (A) 1705 P.S.I.
Initial Flow Period _____ Minutes 30 (B) 42 P.S.I. to (C) 73 P.S.I.
Initial Closed In Period _____ Minutes 45 (D) 1136 P.S.I.
Final Flow Period _____ Minutes 45 (E) 88 P.S.I. to (F) 122 P.S.I.
Final Closed In Period _____ Minutes 60 (G) 1137 P.S.I.
Final Hydrostatic Pressure _____ (H) 94 P.S.I.



DIAMOND TESTING
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FLUID SAMPLE DATA

Company LD DRILLING INC DAVE JET INC
Lease & Well No. HEINZ 'A' #4
Date 11/15/04 Sec. 1 Twp. 17 S Range 15 W
Formation Test No. 4 Interval Tested From 3427 ft. to 3455 ft. Total Depth 3455 ft.
Formation ARBUCKLE

	MUD PIT	RECOVERY
Viscosity	<u>45</u> CP	<u> </u> CP
Weight	<u>91</u>	<u> </u>
Water Loss	<u>12</u> CC	<u> </u> CC
PH Factor	<u>10</u>	<u>9.5</u>

	RESISTIVITY	CHLORIDE CONTENT
Recovery Water	<u>.5</u> @ <u>60</u> °F.	<u>16,000</u> ppm
Recovery Mud	<u>-</u> @ <u>-</u> °F.	<u>-</u> ppm
Recovery Mud Filtrate	<u>.5</u> @ <u>60</u> °F.	<u>16,000</u> ppm
Mud Pit Sample	<u>.5</u> @ <u>62</u> °F.	<u>13000</u> ppm
Mud Pit Sample Filtrate	<u>45</u> @ <u>70</u> °F.	<u>15,000</u> ppm

Sample Taken By JOHN C. RIEDL

Witness By

Remarks Pit filtrate triton dish chlorides were 12,000 Ppm

Recovery filtrate triton dish chlorides were 15,000 Ppm

Recovery water dish chlorides were 16,000 Ppm

RECEIVED

JAN 26 2005

KCC WICHITA

GENERAL INFORMATION

Client Information:

Company: DAVIS PETROLEUM INC

Contact: L D DAVIS

Phone:

Fax:

e-mail:

Site Information:

Contact: KIM SHOEMAKER

Phone:

Fax:

e-mail:

Well Information:

Name: HEJNY A #4

Operator: DAVIS PETROLEUM INC

Location-Downhole: DST 4 3427-3455

Location-Surface: S1/17S/15W BARTON COUN TY

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: KIM SHOEMAKER

Test Type: CONVENTIONAL

Job Number: D85

Test Unit: 2

Start Date: 2004/11/15

Start Time: 10:08:00

End Date: 2004/11/15

End Time: 16:58:00

Report Date: 2004/11/15

Prepared By: JOHN RIEDL

Remarks:

Qualified By: KIM SHOEMAKER

REC. 300'GIP

150'CGO [10%GAS 90%OIL] GRAVITY 37 90' WCGMO [15%WATER 10%GAS 10%MUD 65%OIL]

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fast