

15-063-21592

DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(800) 542-7313

RECEIVED

JUN 24 2005

KCC WICHITA

ORIGINAL

31-145-29w

17:04

01f 22:52

DRILL-STEM TEST TICKET

d116

Company L.D. Drilling, Inc. Lease & Well No. Lundgren Trust A #1
Contractor L.D. Drilling, Inc. Charge to L.D. Drilling, Inc.
Elevation 3628 KB Formation LKC 140-180 Effective Pay _____ Ft. Ticket No. _____
Date 5-26-05 Sec. _____ Twp. 31 S Range 14 W County 29 State KANSAS
Test Approved By [Signature] Diamond Representative ROGER D. FRIEDLY

Formation Test No. 1 Interval Tested from 3847 ft. to 3939 ft. Total Depth 3939 ft.Packer Depth 3842 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.Packer Depth 3847 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3835 ft. Recorder Number 21098 Cap. 5000 P.S.I.Bottom Recorder Depth (Outside) 3936 ft. Recorder Number 13387 Cap. 4000 P.S.I.

Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type chem Viscosity 49 Drill Collar Length 0 ft. I.D. 2 1/4 in.Weight 9.2 Water Loss 8.8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.Chlorides 2,000 P.P.M. Drill Pipe Length 3822 ft. I.D. 3 1/2 in.Jars: Make BOWEN Serial Number N/A Test Tool Length 25 ft. Tool Size 3 1/2-IF in.Did Well Flow? NO Reversed Out NO Anchor Length 92 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 1/4" blow inc. to 2 1/4" (Nobbs)2nd Open: Weak Surface blow in 5 min inc to 1/8" (Nobbs)Recovered 33 ft. of Drilling mud with a few oil speck

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

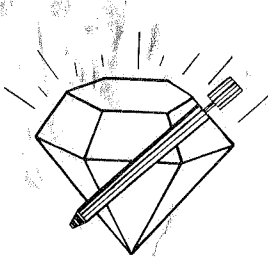
Recovered _____ ft. of _____

Remarks: Tool Sample: 100% DM with a few oil specks

Price Job
Other Charges
Insurance
Total

Time Set Packer(s) 7:03 A.M. P.M. Time Started Off Bottom 9:03 A.M. P.M. Maximum Temperature 120Initial Hydrostatic Pressure (A) 1852 P.S.I.Initial Flow Period Minutes 30 (B) 9 P.S.I. to (C) 19 P.S.I.Initial Closed In Period Minutes 30 (D) 1029 P.S.I.Final Flow Period Minutes 30 (E) 18 P.S.I. to (F) 26 P.S.I.Final Closed In Period Minutes 30 (G) 922 P.S.I.Final Hydrostatic Pressure (H) 1847 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.



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FLUID SAMPLE DATA

Company L. D. Drilling, INC.
Lease & Well No. Lundgren Trust A #1
Date 5-26-05 Sec. 31 Twp. 14 S Range 29 W
Formation Test No. 1 Interval Tested From 3847 ft. to 3939 ft. Total Depth 3959 ft.
Formation LKC 140'-180'

	MUD PIT	RECOVERY
Viscosity	<u>49</u> CP	<u>46</u> CP
Weight	<u>9.2</u>	<u>9.2</u>
Water Loss	<u>8.8</u> CC	<u>8.8</u> CC
PH Factor	<u>10.5</u>	<u>10.5</u>

	RESISTIVITY	CHLORIDE CONTENT
Recovery Water	<u>—</u> @ <u>—</u> °F. <u>—</u> ppm	
Recovery Mud	<u>1.8</u> @ <u>60</u> °F. <u>4000</u> ppm	
Recovery Mud Filtrate	<u>2.0</u> @ <u>58</u> °F. <u>3400</u> ppm	
Mud Pit Sample	<u>1.6</u> @ <u>70</u> °F. <u>3800</u> ppm	
Mud Pit Sample Filtrate	<u>1.90</u> @ <u>72</u> °F. <u>3200</u> ppm	

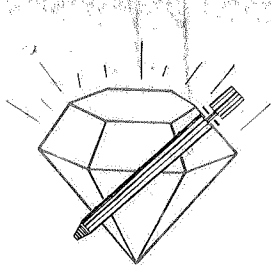
Sample Taken By ROGER D. FRIEDLY

Witness By _____

Remarks Pit filtrate triton dish chlorides were 2,000 Ppm

Recovery filtrate triton dish chlorides were 2100 Ppm

Recovery water dish chlorides were — Ppm



DIAMOND TESTING
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RECEIVED

JUN 24 2005

ORIGINAL

1: 06:04
att 11:56

DRILL-STEM TEST TICKET

KCC WICHITA

d117

Company L.D. Drilling, Inc. Lease & Well No. Lundgren Trust A #1
Contractor L.D. Drilling, Inc. Charge to L.D. Drilling, Inc.
Elevation 2628 KB Formation LKC 200 Effective Pay _____ Ft. Ticket No. _____
Date 6-22-05 Sec. 31 Twp. 14 S Range 29 W County Gove State KANSAS
Test Approved By [Signature] Diamond Representative ROGER D. FRIEDLY

Formation Test No. 2 Interval Tested from 3933 ft. to 3970 ft. Total Depth 3970 ft.
Packer Depth 3928 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Packer Depth 3933 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Depth of Selective Zone Set _____

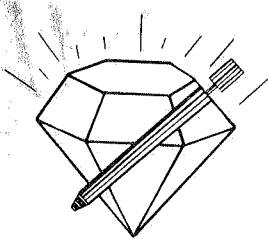
Top Recorder Depth (Inside) 3921 ft. Recorder Number 21098 Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside) 3967 ft. Recorder Number 13387 Cap. 4,000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.
Mud Type chem Viscosity 50 Drill Collar Length 0 ft. I.D. 2 1/4 in.
Weight 9.3 Water Loss 8.8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 2500 P.P.M. Drill Pipe Length 3908 ft. I.D. 3 1/2 in.
Jars: Make BOWEN Serial Number N1M Test Tool Length 25 ft. Tool Size 3 1/2-IF in.
Did Well Flow? No Reversed Out No Anchor Length 37 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 AM in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: Weak 1/8" blow inc to 3/8" (Nobbs)
2nd Open: Weak surface blow in 3 min inc to 1" (Nobbs)

Recovered 55 ft. of SLT OCM 1% oil 48% WTR 51% mud
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Remarks: Tool Sample: 1% oil 49% WTR 50% mud
Price Job _____
Other Charges _____
Insurance _____
Total _____

Time Set Packer(s) 8:11 A.M. Time Started Off Bottom 10:11 A.M. Maximum Temperature 121
Initial Hydrostatic Pressure _____ (A) 1898 P.S.I.
Initial Flow Period _____ Minutes 30 (B) 8 P.S.I. to (C) 20 P.S.I.
Initial Closed In Period _____ Minutes 30 (D) 935 P.S.I.
Final Flow Period _____ Minutes 30 (E) 22 P.S.I. to (F) 32 P.S.I.
Final Closed In Period _____ Minutes 30 (G) 921 P.S.I.
Final Hydrostatic Pressure _____ (H) 1891 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.



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FLUID SAMPLE DATA

Company L.D. Drilling, Inc.
Lease & Well No. Lundgren Trust A #1
Date 5-27-05 Sec. 31 Twp. 14 S Range 29 W
Formation Test No. 2 Interval Tested From 3933 ft. to 3970 ft. Total Depth 3970 ft.
Formation LKC

	MUD PIT	RECOVERY
Viscosity	<u>50</u> CP	<u>—</u> CP
Weight	<u>9.3</u>	<u>—</u>
Water Loss	<u>8.8</u> CC	<u>—</u> CC
PH Factor	<u>10.0</u>	<u>—</u>

Recovery
Water
7.0 pH

	RESISTIVITY	CHLORIDE CONTENT
Recovery Water	<u>1.28</u> @ <u>80</u> °F.	<u>22,000</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>1.5</u> @ <u>60</u> °F.	<u>4600</u> ppm
Mud Pit Sample Filtrate	<u>1.8</u> @ <u>64</u> °F.	<u>3800</u> ppm

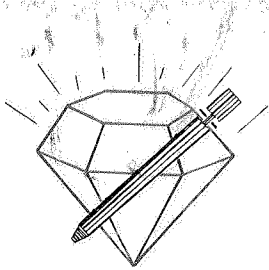
Sample Taken By ROGER D. FRIEDLY

Witness By —

Remarks Pit filtrate triton dish chlorides were 2500 Ppm

Recovery filtrate triton dish chlorides were — Ppm

Recovery water dish chlorides were 18,500 Ppm



DIAMOND TESTING RECEIVED

ORIGINAL

P.O. Box 157
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(800) 542-7313

JUN 24 2005

L: 16:15

OFF: 00:34

KCC WICHITA

DRILL-STEM TEST TICKET

2118

Company L.D. Drilling, Inc. Lease & Well No. Lundgren Trust A #1
Contractor L.D. Drilling, Inc. Charge to L.D. Drilling, Inc.
Elevation 3629 KB Formation Altamont / Scott Effective Pay _____ Ft. Ticket No. _____
Date 5-28-05 Sec. 31 Twp. 14 S Range 29 W County Gove State KANSAS
Test Approved By [Signature] Diamond Representative ROGER D. FRIEDLY

Formation Test No. 3 Interval Tested from 4040 ft. to 4222 ft. Total Depth 4222 ft.
Packer Depth 4035 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Packer Depth 4040 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4028 ft. Recorder Number 21098 Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside) 4219 ft. Recorder Number 13387 Cap. 4,000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chem Viscosity 50 Drill Collar Length 0 ft. I.D. 2 1/4 in.
Weight 9.2 Water Loss 10.0 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 2600 P.P.M. Drill Pipe Length 4015 ft. I.D. 3 1/2 in.
Jars: Make BOWEN Serial Number N/A Test Tool Length 25 ft. Tool Size 3 1/2-IF in.
Did Well Flow? No Reversed Out No 125' DP Anchor Length 182 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.

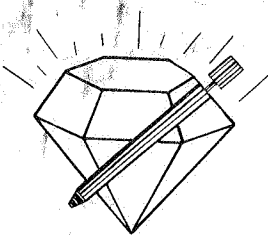
Blow: 1st Open: STRONG BLOW OFF BTM BET IMMIED. (No 66)
2nd Open: STRONG BLOW OFF BTM EXT 1/2 min (No 66)

Recovered 2625 ft. of DM 100% mud
Recovered 563 ft. of SLT or WM 10% oil 10% WTR 89% mud
Recovered 3188 ft. of Total Fluid

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: <u>Tool Sample: 1% oil 4% gas 46% WTR</u> <u>49% mud</u>	Insurance
	Total

Time Set Packer(s) 6:12 A.M. P.M. Time Started Off Bottom 9:12 A.M. P.M. Maximum Temperature 135
Initial Hydrostatic Pressure (A) 1955 P.S.I.
Initial Flow Period Minutes 30 (B) 1067 P.S.I. to (C) 1319 P.S.I.
Initial Closed In Period Minutes 45 (D) 1712 P.S.I.
Final Flow Period Minutes 45 (E) 1419 P.S.I. to (F) 1537 P.S.I.
Final Closed In Period Minutes 60 (G) 1657 P.S.I.
Final Hydrostatic Pressure (H) 1925 P.S.I.

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FLUID SAMPLE DATA

Company L. D. Drilling, Inc.
Lease & Well No. Lundgren Trust A #1
Date 5-28-05 Sec. 31 Twp. 14 S Range 29 W
Formation Test No. 3 Interval Tested From 4040 ft. to 4222 ft. Total Depth 4222 ft.
Formation Altamont / FT Scott

	MUD PIT	RECOVERY
Viscosity	<u>50</u> CP	<u>60</u> CP
Weight	<u>9.2</u>	<u>9.15</u>
Water Loss	<u>10.0</u> CC	<u>8.8</u> CC
PH Factor	<u>10.5</u>	<u>9.90</u>

Recovery
water
7.0 PH

	RESISTIVITY	CHLORIDE CONTENT
Recovery Water	<u>1.70</u> @ <u>58</u> °F.	<u>10,800</u> ppm
Recovery Mud	<u>1.5</u> @ <u>56</u> °F.	<u>5,000</u> ppm
Recovery Mud Filtrate	<u>1.6</u> @ <u>54</u> °F.	<u>4500</u> ppm
Mud Pit Sample	<u>1.60</u> @ <u>62</u> °F.	<u>4400</u> ppm
Mud Pit Sample Filtrate	<u>1.70</u> @ <u>64</u> °F.	<u>3800</u> ppm

Sample Taken By ROGER D. FRIEDLY

Witness By _____

Remarks Pit filtrate triton dish chlorides were 2600 Ppm

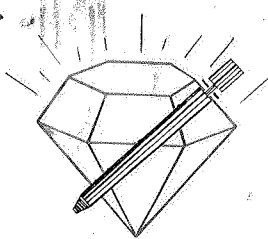
Recovery filtrate triton dish chlorides were 2800 Ppm

Recovery water dish chlorides were 10,000 Ppm

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DRILL-STEM TEST TICKET

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Company L.D. Drilling, Inc. Lease & Well No. Lundgren Trust A #1
Contractor L.D. Drilling, Inc. Charge to L.D. Drilling, Inc.
Elevation 2628 KB Formation Chero. / Johnson Effective Pay _____ Ft. Ticket No. _____
Date 5-29-05 Sec. 31 Twp. 14 S Range 29 W County Gove State KANSAS
Test Approved By [Signature] Diamond Representative ROGER D. FRIEDLY

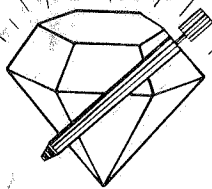
Formation Test No. 4 Interval Tested from 4232 ft. to 4290 ft. Total Depth 4290 ft.
Packer Depth 4227 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Packer Depth 4232 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4220 ft. Recorder Number 21098 Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside) 4287 ft. Recorder Number 13387 Cap. 4000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.
Mud Type Chem Viscosity 55 Drill Collar Length 0 ft. I.D. 2 1/4 in.
Weight 9.35 Water Loss 9.6 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 2400 P.P.M. Drill Pipe Length 4207 ft. I.D. 3 1/2 in.
Jars: Make BOWEN Serial Number N/A Test Tool Length 25 ft. Tool Size 3 1/2-IF in.
Did Well Flow? No Reversed Out NO Anchor Length 58 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 BLOW OFF BTM BKT 1 min (No. 66)
2nd Open: Weak 1/2 blow in. to BTM BKT 10 min (No. 66)

Recovered <u>140</u> ft. of <u>DM 100% mud</u>	
Recovered <u>62</u> ft. of <u>SLT WDM 4% WTR 96% mud - Trace of oil</u>	
Recovered <u>125</u> ft. of <u>Gfocwm 5% Gas 7% Oil 20% WTR 68% mud</u>	
Recovered <u>500</u> ft. of <u>DFGLWM 11% Oil 16% Gas 34% WTR 39% mud</u>	Price Job
Recovered <u>188</u> ft. of <u>DFGLWM 6% Oil 18% Gas 34% mud 42% WTR</u>	Other Charges
Remarks: <u>1015 Total Fluid</u>	Insurance
<u>Tool Sample: 6% Gas 22% mud 33% WTR 39% Oil</u>	Total

Time Set Packer(s) 3:57 A.M. P.M. Time Started Off Bottom 6:51 A.M. P.M. Maximum Temperature 138
Initial Hydrostatic Pressure (A) 2055 P.S.I.
Initial Flow Period Minutes 30 (B) 135 P.S.I. to (C) 336 P.S.I.
Initial Closed In Period Minutes 45 (D) 1619 P.S.I.
Final Flow Period Minutes 45 (E) 347 P.S.I. to (F) 475 P.S.I.
Final Closed In Period Minutes 60 (G) 1477 P.S.I.
Final Hydrostatic Pressure (H) 2026 P.S.I.



ORIGINAL

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FLUID SAMPLE DATA

Company L. D. Drilling, Inc
Lease & Well No. Lundgren Trust A # 1
Date 5-29-05 Sec. 31 Twp. 14 S Range 29 W
Formation Test No. 4 Interval Tested From 4232 ft. to 4290 ft. Total Depth 4290 ft.
Formation Chero. / Johnson

	MUD PIT	RECOVERY
Viscosity	<u>55</u> CP	<u>62</u> CP
Weight	<u>9.35</u>	<u>9.3</u>
Water Loss	<u>9.6</u> CC	<u>10.4</u> CC
PH Factor	<u>8.5</u>	<u>8.0</u>

Recovery water 7.0

	RESISTIVITY	CHLORIDE CONTENT
Recovery Water	<u>.23</u> @ <u>63</u> °F.	<u>34,000</u> ppm
Recovery Mud	<u>1.2</u> @ <u>61</u> °F.	<u>6,000</u> ppm
Recovery Mud Filtrate	<u>1.25</u> @ <u>63</u> °F.	<u>5,400</u> ppm
Mud Pit Sample	<u>1.50</u> @ <u>70</u> °F.	<u>4,200</u> ppm
Mud Pit Sample Filtrate	<u>1.65</u> @ <u>70</u> °F.	<u>3,700</u> ppm

Sample Taken By ROGER D. FRIEDLY

Witness By _____

Remarks Pit filtrate triton dish chlorides were 2400 Ppm

Recovery filtrate triton dish chlorides were 3,500 Ppm

Recovery water dish chlorides were 26,500 Ppm

RECEIVED

JUN 24 2005

KCC WICHITA