

ORIGINAL

BRUNGARDT OIL & LEASING COMPANY
Wedel # 1
SE SW SW, SECTION 14-10s-15w
Osborne County, Kansas

CONFIDENTIAL

4 1/2" PRODUCTION CASING SET

CONTRACTOR: Shields Drilling, Inc.

COMMENCED: 4-17-01

COMPLETED: 4-28-01

ELEVATIONS: 1900' K.B., 1897' D.F., 1895' G.L.

CASING PROGRAM: Surface: 8 5/8" @ 207'
Production: 4 1/2" @ 3610' (est.)

MEASUREMENTS: All depths measured from the Kelly Bushing.

DRILLING TIME: One (1) foot drilling time recorded by geologist, surface to the R.T.D.

SAMPLES: Samples saved 2400' to the R.T.D.

ELECTRIC LOG: By Log-Tech., Radiation Guard Log.

FORMATION TESTING: There were seven (7) drill stem tests run by Trilobite Testing, Inc.

FORMATION

ELECTRIC LOG DEPTH

SUB-SEA DATUM

ANHYDRITE	1063	+ 937
GRAND HAVEN	2490	- 590
1 ST TARKIO SAND	2506	- 606
DOVER LIME	2519	- 619
TARKIO LIME	2558	- 658
ELMONT	2616	- 716
TOPEKA	2768	- 868
HEEBNER	3014	- 1114
TORONTO	3036	- 1136
LANSING	3065	- 1165
BASE KANSAS CITY	3334	- 1434

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Osborne County, Kansas
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CONGLOMERATE SAND	3435	- 1535
CONGLOMERATE CHERT	3444	- 1544
SIMPSON SHALE	3532	- 1632
SIMPSON SAND	3550	- 1650
ARBUCKLE	3556	- 1656
ROTARY TOTAL DEPTH	3615	- 1715
ELECTRIC LOG TOTAL DEPTH	3616	- 1716

(All tops and zone determinations were corrected to the electric log engineer's measurements.)

SAMPLE ANALYSIS, SHOWS OF OIL, TESTING DATA, ETC.

TOPEKA SECTION
2804-2808

Limestone, cream, finely crystalline to chalky in part, poor to fair pinpoint porosity, fair dark brown to black stain and saturation. Show of free oil and weak to fair odor in fresh samples.

DRILL STEM TEST # 1 2774-2810

Open: I.F. 45"
F.F. 45"

Blow: Strong in 6 minutes. Weak building blow on 2nd open

Recovery: 248' of heavy mud with oil spots.
124' of muddy water.
20' of heavy mud with cuttings and trace of oil.

Pressures: ISIP 984 psi
FSIP 845 psi
IFP 59-191 psi
FFP 192-209 psi
HSH 1349-1346 psi

M. ell

2902-2904

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2958-2962

Limestone, cream, finely crystalline, dense, fossiliferous, scattered poor to fair pinpoint porosity, fair scattered light brown stain. Very slight show of free oil and weak odor in fresh samples.

2979-2996

Limestone, cream to buff, finely crystalline, chalky, oolitic to fossiliferous, sub-oocastic, fair scattered pinpoint to oocastic porosity, fair scattered brown stain, abundant white chalk. Very slight show of free oil and faint odor in fresh samples.

DRILL STEM TEST # 2 2897-2990

Open:	I.F. 45" F.F. 45"
Blow:	Strong blow in 20 seconds. No blow on 2 nd open.
Recovery:	584' of watery mud 316' of muddy water
Pressures:	ISIP 1238 psi FSIP 1095 psi IFP 351-449 psi FFP 411-482 psi HSH 1420-1395 psi

TORONTO SECTION

3036-3038

Limestone, light gray to buff, finely crystalline, cherty and dense, trace of spotty poor vugular type porosity, fair scattered brown stain and saturation. Fair show of free oil and faint odor in fresh samples. (Perforate)

DRILL STEM TEST # 3 3020-3050

OPEN:	I.F. 45" F.F. 45"
BLOW:	Weak to good.
RECOVERY:	265' of gas in the pipe. 45' of oil cut mud. (10% gas 20% oil 70% mud)
PRESSURES:	ISIP 102 psi FSIP 102 psi IFP 21-28 psi FFP 29-86 psi HSH 1467-1431 psi

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LANSING SECTION
3065-3067

Limestone, light gray to buff, dense, spotty poor vugular type porosity, spotty fair stain. Show of free oil (gassy) and faint odor in fresh samples.

DRILL STEM TEST # 4 3047- 3075

OPEN: I.F. 45"
F.F. 45"
BLOW: Weak
RECOVERY: 20' of slightly oil and gas cut mud.
PRESSURES: ISIP 82 psi
FSIP 59 psi
IFP 11-11 psi
FFP 11-11 psi
HSH 1448-1436 psi

3095-3098

Limestone, light gray, oocastic, cherty in part, scattered poor oocastic porosity, scattered brown stain, abundant boney white chert. No free oil and slight odor in fresh samples.

3112-3114

Limestone, gray, oocastic, dense, pyritic, fair oocastic porosity, trace of poor black edge stain. No free oil or odor in fresh samples.

3152-3154

Limestone, cream to buff, oolitic to fossiliferous, abundant oolitic chert, trace of spotty light brown stain. No free oil or odor in fresh samples.

DRILL STEM TEST # 5 3083-3155

OPEN: I.F. 45"
F.F. 45"
BLOW: Weak
RECOVERY: 65' of mud w/show of oil.
PRESSURES: ISIP 213 psi
FSIP 213 psi
IFP 35-35 psi
FFP 47-47 psi
HSH 1495-1460 psi

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3161-3170

Limestone, gray to buff, oolitic to oocastic, fair scattered oocastic porosity, fair scattered light brown stain. Show of free oil and faint odor in fresh samples

DRILL STEM # 6 3146-3164

OPEN: I.F. 45"
F.F. 45"
BLOW: Weak
RECOVERY: 90' of watery mud.
PRESSURES: ISIP 225 psi
FSIP 213 psi
IFP 11-23 psi
FFP 35-47 psl
HSH 1507-1507 psi

3237-3240

Limestone, cream to white, oolitic to fossiliferous, trace of spotty poor pinpoint porosity, trace of poor spotty light stain. No free oil or odor in fresh samples (PERFORATE)

3260-3263

Limestone, gray to buff, sub oocastic, dense, poor spotty oocastic porosity, trace of spotty light stain. Very slight show of free oil and faint odor in fresh samples.

3268-3270

Limestone, gray, finely crystalline, very oolitic to slightly fossiliferous, pyritic, trace of spotty poor pinpoint porosity, spotty light stain. No free oil or odor in fresh samples. (PERFORATE)

CONGLOMERATE SAND SECTION

3435-3441

Sandstone, clear, fine grain, friable, well rounded, good intergranular porosity, good dark black stain and saturation. Good show of free oil and no odor in fresh samples.

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DRILL STEM TEST # 7 3409-3440

OPEN:	I.F. 45" F.F. 45"
BLOW:	Weak buildig to fair.
RECOVERY:	85' of slightly oil cut watery mud 315' of slightly oil cut muddy water
PRESSURES:	ISIP 450 psi FSIP 450 psi IFP 59-142 psi FFP 189-189 psi HSH 1682-1670 psi

SIMPSON SAND SECTION
3550-3553

Sanstone, clear to frosted, consolidated with a calcerous matrix, sub-rounded to angular. No shows of oil.

ARBUCKLE SECTION
3556-3616

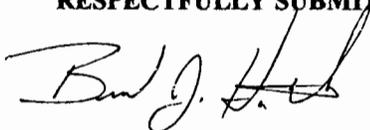
Dolomite, tan, medium to coarse crystalline, good intercrystalline porosity. No shows of oil.

ROTARY TOTAL DEPTH 3615 (-1715)
ELECTRIC LOG TOTAL DEPTH 3616 (-1716)

RECOMMENDATIONS: It was recommended that 4 1/2" production casing be set and cemented, and the following zones to be perforated and acidized for further evaluation. Should the Wedel # 1 prove to be uneconomical, it can be converted into a saltwater injection well, at some later date.

1. 3288-3290 (PERFORATE)
2. 3237-3240 (PERFORATE)
3. 3036-3038 (PERFORATE)

RESPECTFULLY SUBMITTED,



BRAD J. HUTCHISON

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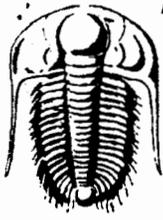
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TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

Topeka
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JUL 10 2001 KANSAS CORPORATION COMMISSION

14701

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JUL 11 2001

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Test Ticket

CONSERVATION DIVISION

Well Name & No. Wedel #1 Test No. 9 Date 4-22-01
 Company Brungardt Oil & Leasing, Inc Zone Tested Topeka
 Address P.O. Box 871, Russell, Ks. 67665 Elevation 1900 KB 1885 GL
 Co. Rep / Geo. Brad Hutchison Cont. Shields Est. Ft. of Pay Por. %
 Location: Sec. 14 Twp. 10 Rge. 15 Co. Osborne State Ks
 No. of Copies Distribution Sheet (Y, N) Turnkey (Y, N) Evaluation (Y, N)

Interval Tested 2774 — 2810 Initial Str Wt./Lbs. 34,000 Unseated Str Wt./Lbs. 38,000
 Anchor Length 36 Wt. Set Lbs. 30,000 Wt. Pulled Loose/Lbs. 60,000
 Top Packer Depth 2769 Tool Weight 1000
 Bottom Packer Depth 2774 Hole Size — 7 7/8" Rubber Size — 6 3/4"
 Total Depth 2810 Wt. Pipe Run 316 Drill Collar Run
 Mud Wt. 9.1 LCM Vis. 37 WL 8.8 Drill Pipe Size 4.5x44 Ft. Run 2777
 Blow Description Slid tool 20' to bottom IF Strong B.O. in
6 min.
F.F. Weak - building to 1"

Anchor full of cuttings almost plugged.

Recovery — Total Feet	GIP	Ft. in WC	Ft. in DP
<u>392</u>	<u>4</u>	<u>316</u>	<u>76</u>
Rec. <u>248</u>	Feet Of <u>Hm w/oil spots</u>	%gas <u> </u>	%oil <u> </u> %water <u> </u> %mud <u> </u>
Rec. <u>20</u>	Feet Of <u>Hm w/cuttings t/o</u>	%gas <u> </u>	%oil <u> </u> %water <u> </u> %mud <u> </u>
Rec. <u>124</u>	Feet Of <u>mdy w/r. + trace oil</u>	%gas <u> </u>	%oil <u> </u> %water <u> </u> %mud <u> </u>
Rec. <u> </u>	Feet Of <u> </u>	%oil <u> </u>	%water <u> </u> %mud <u> </u>
Rec. <u> </u>	Feet Of <u> </u>	%gas <u> </u>	%oil <u> </u> %water <u> </u> %mud <u> </u>

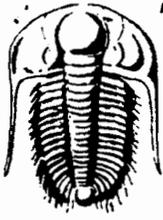
BHT 93 °F Gravity °API D@ °F Corrected Gravity °API
 RW .13 @ 70 °F Chlorides 75,000 ppm Recovery Chlorides 3,000 ppm System

	AK-1	Alpine	PSI	Recorder No.	T-On Location
(A) Initial Hydrostatic Mud	<u>1349</u>	<u>1349</u>	<u> </u>	<u>2357</u>	<u>21:30</u>
(B) First Initial Flow Pressure	<u>59</u>	<u>59</u>	<u> </u>	<u>2780</u>	<u>09:25</u>
(C) First Final Flow Pressure	<u>191</u>	<u>191</u>	<u> </u>	<u>13254</u>	<u>05:15</u>
(D) Initial Shut-In Pressure	<u>984</u>	<u>984</u>	<u> </u>	<u>2810</u>	<u>08:15</u>
(E) Second Initial Flow Pressure	<u>192</u>	<u>192</u>	<u> </u>	<u> </u>	<u> </u>
(F) Second Final Flow Pressure	<u>209</u>	<u>209</u>	<u> </u>	<u> </u>	<u> </u>
(G) Final Shut-in Pressure	<u>845</u>	<u>845</u>	<u> </u>	<u>45</u>	<u> </u>
(Q) Final Hydrostatic Mud	<u>1346</u>	<u>1346</u>	<u> </u>	<u>45</u>	<u> </u>
				<u>45</u>	<u> </u>
				<u>45</u>	<u> </u>

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Approved By Brad Hutchison
 Our Representative Dan Bangle

Release
 MAR 07 2003
 From Confidential
 T-On Location 21:30
 T-Started 09:25
 T-Open 05:15
 T-Pulled 08:15
 T-Out
 T-Off Location
 Test
 Jars
 Safety Joint
 Straddle
 Circ. Sub
 Sampler
 Packer
 Elec. Rec. X
 Mileage 48
 Other
 TOTAL PRICE \$



TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

Topeka

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ORIGINAL

JUL 11 2001

14702

CONFIDENTIAL Test Ticket

CONSERVATION DIVISION

Well Name & No. Wedel #1 Test No. 2 Date 4-22-01
 Company Brungardt Oil & Leasing, Inc Zone Tested Lower Topeka
 Address _____ Elevation 1900 KB 1885 GL
 Co. Rep / Geo. Brad Hutchison Cont. Shields Est. Ft. of Pay _____ Por. _____ %
 Location: Sec. 14 Twp. L10 Rge. 15 Co. Osborne State Ks
 No. of Copies _____ Distribution Sheet (Y, N) copies Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 2897 - 2990 Initial Str Wt./Lbs. 38,000 Unseated Str Wt./Lbs. 47,000
 Anchor Length 93 Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 45,000
 Top Packer Depth 2892 Tool Weight 1000
 Bottom Packer Depth 2897 Hole Size — 7 7/8" Rubber Size — 6 3/4"
 Total Depth 2990 Wt. Pipe Run 316 Drill Collar Run _____
 Mud Wt. 9 LCM 4# Vis. 46 WL 8 Drill Pipe Size 4.5XH Ft. Run 2961
 Blow Description I.F. Strong - B.O.B in 20sec

F.F. No blow Good show of oil in tool
This test should be considered a misrun

Recovery — Total Feet	GIP	Ft. in ^{WT} DP	Ft. in DP	%gas	%oil	%water	%mud
<u>900</u>		<u>316</u>	<u>584</u>				
Rec. <u>584</u>	Feet Of <u>WM</u>			%gas	%oil <u>30</u>	%water <u>70</u>	%mud
Rec. <u>316</u>	Feet Of <u>MW</u>			%gas	%oil <u>50</u>	%water <u>50</u>	%mud
Rec. _____	Feet Of _____			%gas	%oil	%water	%mud
Rec. _____	Feet Of _____			%gas	%oil	%water	%mud
Rec. _____	Feet Of _____			%gas	%oil	%water	%mud

BHT _____ °F Gravity _____ °API D@ _____ °F Corrected Gravity _____ °API
 RW 19 @ 62 °F Chlorides 45,000 ppm Recovery Chlorides 2,000 ppm System

	AK-1	Alpine	PSI Recorder No.	T-On Location
(A) Initial Hydrostatic Mud		<u>1420</u>	<u>2357</u>	<u>05:15</u>
(B) First Initial Flow Pressure		<u>351</u>	(depth) <u>2901</u>	T-Started <u>06:05</u>
(C) First Final Flow Pressure		<u>449</u>	PSI Recorder No. <u>13254</u>	T-Open <u>08:11</u>
(D) Initial Shut-In Pressure		<u>1238</u>	(depth) <u>2965</u>	T-Pulled <u>11:26</u>
(E) Second Initial Flow Pressure		<u>411</u>	PSI Recorder No. _____	T-Out _____
(F) Second Final Flow Pressure		<u>482</u>	(depth) _____	T-Off Location <u>1325</u>
(G) Final Shut-in Pressure		<u>1075</u>	PSI Initial Opening <u>45</u>	Test _____
(Q) Final Hydrostatic Mud		<u>1395</u>	PSI Initial Shut-in <u>45</u>	Jars _____

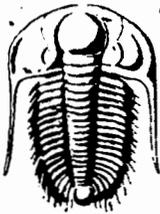
Final Flow 45 Safety Joint Release
 Final Shut-in 45 Straddle _____

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Approved By [Signature]
 Our Representative [Signature]

KCC
 JUL 10 2001
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MAR 07 2003
 Circ. Sub _____
 Sampler From
 Extra Packer Confidential
 Elec. Rec. X
 Mileage 48
 Other _____
 TOTAL PRICE \$ _____



TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

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Test Ticket

CONSERVATION DIVISION

toronto

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KANSAS CORPORATION COMMISSION

ORIGINAL

JUL 11 2001

NO 14703

Well Name & No. Wedel #1 Test No. 3 Date 4-23-2001
 Company BRUNGARDT OIL & LEASING INC Zone Tested TORONTO
 Address P.O. Box 871 Russell, Ks 67665 Elevation 1900 KB 1885 GL
 Co. Rep / Geo. BRAD HUTCHINSON Cont. SHIELDS RIG 1 Est. Ft. of Pay - Por. - %
 Location: Sec. 14 Twp. 110^s Rge. 15^w Co. OSBORNE State Ks
 No. of Copies Reg Distribution Sheet (Y, N) yes Turnkey (Y, N) no Evaluation (Y, N) -

Interval Tested 3020-3050 Initial Str Wt/Lbs. 37000 Unseated Str Wt/Lbs. 37000
 Anchor Length 30 Wt. Set Lbs. 25000 Wt. Pulled Loose/Lbs. 45000
 Top Packer Depth 3015 Tool Weight 2200
 Bottom Packer Depth 3020 Hole Size — 7 7/8" yes Rubber Size — 6 3/4" yes
 Total Depth 3050 Wt. Pipe Run 316 Drill Collar Run 2
 Mud Wt. 9 LCM 4# Vis. 50 WL 9.6 Drill Pipe Size 4 1/2 X H Ft. Run 2704
 Blow Description IFP - WEAK TO A GOOD BLOW 1/2" TO 8" BLOW
IFP - WEAK TO A FAIR BLOW 1" TO 4" BLOW
HAD A WEAK BLOW BACK ON SHUT-IN

Recovery — Total Feet 45 GIP 265 Ft. in ^{DP}DC 45 Ft. in DP -
 Rec. 45 Feet Of 04 GCM 10% gas 20% oil %water 70% mud
 Rec. Feet Of %gas %oil %water %mud
 Rec. Feet Of %gas %oil %water %mud
 Rec. Feet Of %gas %oil %water %mud
 BHT 91 °F Gravity - °API D@ - °F Corrected Gravity - °API
 RW - @ - °F Chlorides - ppm Recovery Chlorides 2000 ppm System

	AK-1	Alpine	PSI	Recorder No.	T-On Location
(A) Initial Hydrostatic Mud		1467		2357	2100
(B) First Initial Flow Pressure		21		(depth) 3021	T-Started 2128
(C) First Final Flow Pressure		28		PSI Recorder No. 13284	T-Open 2245
(D) Initial Shut-In Pressure		102		(depth) 3045	T-Pulled 0145
(E) Second Initial Flow Pressure		29		PSI Recorder No. -	T-Out 0325
(F) Second Final Flow Pressure		86		(depth) -	T-Off Location
(G) Final Shut-in Pressure		102		PSI Initial Opening 45	Test <input checked="" type="checkbox"/>
(Q) Final Hydrostatic Mud		1431		PSI Initial Shut-in 45	Jars

Final Flow 45 Safety Joint _____
 Final Shut-in 45 Straddle Release

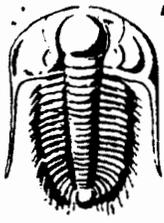
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Approved By [Signature]

Our Representative RAY SCHWAGER THANK YOU

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Circ. Sub MAR 07 2003
 Sampler From
 Extra Packer Confidential
 Elec. Rec. _____
 Mileage
 Other _____
 TOTAL PRICE \$



TRILOBITE TESTING INC.

P.O. Box 362 Hays Kansas 67601

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A zone

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ORIGINAL

14704

JUL 11 2001

Test Ticket

Well Name & No. <u>Wedel #1</u>	Test No. <u>CONSERVATION DIVISION 24-2001</u>
Company <u>BRUNGARDT OIL Leasing Inc</u>	Zone Tested <u>LKC "A"</u>
Address <u>P.O. Box 871 Russell, Ks 67665</u>	Elevation <u>1900</u> KB <u>1895</u> GL
Co. Rep / Geo. <u>BRAD HUTCHINSON</u>	Cont. <u>Shields rig 1</u>
Location: Sec. <u>14</u> Twp. <u>10</u> Rge. <u>15^w</u>	Co. <u>ELLIS</u> State <u>Ks</u>
No. of Copies <u>Req</u> Distribution Sheet (Y, N) <u>-</u>	Turnkey (Y, N) <u>-</u> Evaluation (Y, N) <u>-</u>

Interval Tested <u>3047-3075</u>	Initial Str Wt./Lbs. <u>38000</u>	Unseated Str Wt./Lbs. <u>38000</u>
Anchor Length <u>28</u>	Wt. Set Lbs. <u>25000</u>	Wt. Pulled Loose/Lbs. <u>42000</u>
Top Packer Depth <u>3042</u>	Tool Weight <u>2800</u>	
Bottom Packer Depth <u>3047</u>	Hole Size — 7 7/8" <u>yes</u>	Rubber Size — 6 3/4" <u>yes</u>
Total Depth <u>3075</u>	Wt. Pipe Run <u>316</u>	Drill Collar Run <u>-</u>
Mud Wt. <u>9</u> LCM <u>6#</u> Vis. <u>46</u> WL <u>8.4</u>	Drill Pipe Size <u>4 1/2 XH</u>	Ft. Run <u>2738</u>
Blow Description <u>IFP - WEAK Blow throughout 1/4" to 1" Blow</u>		
<u>FFP - WEAK Blow throughout 2" decreased to 1" Blow</u>		

Recovery — Total Feet <u>20</u>	GIP <u>105</u>	Ft. in ^{WP} <u>20</u>	Ft. in DP <u>-</u>
Rec. <u>20</u> Feet Of <u>50 + 6 CM</u>	<u>4</u> %gas	<u>1</u> %oil	%water <u>95</u> %mud
Rec. _____ Feet Of _____	%gas	%oil	%water %mud
Rec. _____ Feet Of _____	%gas	%oil	%water %mud
Rec. _____ Feet Of _____	%gas	%oil	%water %mud
Rec. _____ Feet Of _____	%gas	%oil	%water %mud
BHT <u>100</u> °F Gravity <u>-</u>	°API D@ <u>-</u>	°F Corrected Gravity <u>-</u>	°API <u>-</u>
RW <u>-</u> @ <u>-</u> °F	Chlorides <u>-</u> ppm	Recovery Chlorides <u>6000</u> ppm	System <u>-</u>

(A) Initial Hydrostatic Mud <u>1448</u>	AK-1	Alpine	PSI Recorder No. <u>13254</u>	T-On Location <u>1000</u>
(B) First Initial Flow Pressure <u>11</u>			PSI (depth) <u>3049</u>	T-Started <u>1030</u>
(C) First Final Flow Pressure <u>11</u>			PSI Recorder No. <u>13247</u>	T-Open <u>1215</u>
(D) Initial Shut-In Pressure <u>82</u>			PSI (depth) <u>3067</u>	T-Pulled <u>1515</u>
(E) Second Initial Flow Pressure <u>11</u>			PSI Recorder No. <u>-</u>	T-Out <u>1630</u>
(F) Second Final Flow Pressure <u>11</u>			PSI (depth) <u>-</u>	T-Off Location <u>-</u>
(G) Final Shut-in Pressure <u>59</u>			PSI Initial Opening <u>45</u>	Test <input checked="" type="checkbox"/>
(Q) Final Hydrostatic Mud <u>1436</u>			PSI Initial Shut-in <u>45</u>	Jars <u>-</u>
			Final Flow <u>45</u>	Safety Joint <u>Release</u>
			Final Shut-in <u>45</u>	Straddle <u>-</u>

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Approved By Brad Hutchinson

JUL 10 2001

Our Representative RAY SCHWAGER THANK YOU

CONFIDENTIAL

Circ. Sub MAR 07 2003

Sampler From

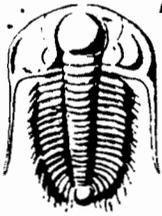
Extra Pack Confidential

Elec. Rec. -

Mileage 48

Other -

TOTAL PRICE \$ ✓



TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

Hans. C-D-F Jones

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14705

CONFIDENTIAL Test Ticket

JUL 11 2003

Well Name & No.	<u>Wedel #1</u>	Test No.	<u>14</u>	Date	<u>25-01</u>
Company	<u>Bradyard / Williams Inc</u>	Zone Tested	<u>Lib C-D-F Jones</u>		
Address	<u>PO Box 871 Russell, KS 67665</u>		Elevation	<u>1900</u>	KB <u>1895</u> GL
Co. Rep / Geo.	<u>BRAD HUTCHINSON</u>	Cont.	<u>Shields rig 1</u>	Est. Ft. of Pay	<u> </u> Por. <u> </u> %
Location: Sec.	<u>14</u>	Twp.	<u>10</u>	Rge.	<u>15^W</u>
No. of Copies	<u>Reg</u>	Distribution Sheet (Y, N)	<u> </u>	Turnkey (Y, N)	<u> </u>
		Evaluation (Y, N)	<u> </u>		

Interval Tested	<u>3083-3155</u>	Initial Str Wt./Lbs.	<u>38000</u>	Unseated Str Wt./Lbs.	<u>38000</u>
Anchor Length	<u>72</u>	Wt. Set Lbs.	<u>25000</u>	Wt. Pulled Loose/Lbs.	<u>49000</u>
Top Packer Depth	<u>3078</u>	Tool Weight	<u>2200</u>		
Bottom Packer Depth	<u>3083</u>	Hole Size — 7 7/8"	<u>yes</u>	Rubber Size — 6 3/4"	<u>yes</u>
Total Depth	<u>3155</u>	Wt. Pipe Run	<u>316</u>	Drill Collar Run	<u> </u>
Mud Wt.	<u>9.1</u>	LCM	<u>4#</u>	Vis.	<u>48</u>
		WL	<u>9.2</u>	Drill Pipe Size	<u>4 1/2 x 14</u>
Blow Description	<u>IFP - Weak Blow throughout 1/2" Blow</u>				
	<u>FFP - NO Blow Flushed Tool weak blow</u>				

Recovery — Total Feet	<u>6.5</u>	GIP	<u> </u>	Ft. in ^{WF} DC	<u>6.5</u>	Ft. in DP	<u> </u>
Rec.	<u>6.5</u>	Feet Of	<u>Mud</u>	%gas	<u> </u>	%oil	<u> </u>
Rec.	<u> </u>	Feet Of	<u>w/show of oil</u>	%gas	<u> </u>	%oil	<u> </u>
Rec.	<u> </u>	Feet Of	<u> </u>	%gas	<u> </u>	%oil	<u> </u>
Rec.	<u> </u>	Feet Of	<u> </u>	%gas	<u> </u>	%oil	<u> </u>
Rec.	<u> </u>	Feet Of	<u> </u>	%gas	<u> </u>	%oil	<u> </u>

BHT °F Gravity °API D@ °F Corrected Gravity °API

RW @ °F Chlorides 7000 ppm Recovery Chlorides 6000 ppm System

(A) Initial Hydrostatic Mud	<u>1495</u>	AK-1	Alpine	PSI Recorder No.	<u>13254</u>	T-On Location	<u>6500</u>
(B) First Initial Flow Pressure	<u>35</u>			PSI (depth)	<u>3088</u>	T-Started	<u>0515</u>
(C) First Final Flow Pressure	<u>35</u>			PSI Recorder No.	<u>13247</u>	T-Open	<u>0645</u>
(D) Initial Shut-In Pressure	<u>213</u>			PSI (depth)	<u>3147</u>	T-Pulled	<u>0945</u>
(E) Second Initial Flow Pressure	<u>47</u>			PSI Recorder No.	<u> </u>	T-Out	<u> </u>
(F) Second Final Flow Pressure	<u>47</u>			PSI (depth)	<u> </u>	T-Off Location	<u> </u>
(G) Final Shut-in Pressure	<u>213</u>			PSI Initial Opening	<u>45</u>	Test	<u> </u>
(Q) Final Hydrostatic Mud	<u>1460</u>			PSI Initial Shut-in	<u>45</u>	Jars	<u> </u>

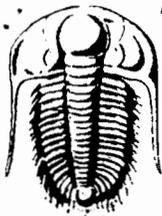
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Approved By Brad Hutchison

Our Representative Ray Schwager

KCC
JUL 10 2003
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Safety Joint Release
Straddle
Circ. Sub MAR 07 2003
Sampler From
Extra Packer Confidential
Elec. Rec.
Mileage 48
Other
TOTAL PRICE \$



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JUL 11 2001

Test Ticket

Well Name & No. <u>Wedel #1</u>	Test No. <u>CONSERVATION DIVISION 25-01</u>
Company <u>Beunhardt Oil Leasing Inc</u>	Zone Tested <u>LRC 6</u>
Address <u>P.O. Box 871 Russell, Ks 67665</u>	Elevation <u>1900</u> KB <u>1895</u> GL
Co. Rep / Geo. <u>Brad Hutchinson</u>	Cont. <u>Shield 1191</u>
Location: Sec. <u>14</u> Twp. <u>10^s</u> Rge. <u>15^w</u>	Co. <u>Osborne</u> State <u>Ks</u>
No. of Copies <u>Req</u> Distribution Sheet (Y, N) <u>-</u>	Turnkey (Y, N) <u>-</u> Evaluation (Y, N) <u>-</u>

Interval Tested <u>3146 - 3164</u>	Initial Str Wt./Lbs. <u>38000</u>	Unseated Str Wt./Lbs. <u>38000</u>
Anchor Length <u>18</u>	Wt. Set Lbs. <u>25000</u>	Wt. Pulled Loose/Lbs. <u>42000</u>
Top Packer Depth <u>3141</u>	Tool Weight <u>2200</u>	
Bottom Packer Depth <u>3146</u>	Hole Size — <u>7 7/8" yes</u>	Rubber Size — <u>6 3/4" yes</u>
Total Depth <u>3164</u>	Wt. Pipe Run <u>316</u>	Drill Collar Run <u>-</u>
Mud Wt. <u>9.2</u> LCM <u>4#</u> Vis. <u>40</u> WL <u>8.4</u>	Drill Pipe Size <u>4 1/2 X H</u>	Ft. Run <u>2830</u>
Blow Description <u>IFP - Weak Blow throughout 1/4" Blow</u> <u>FFP - No Blow, flushed Tool, got a weak surface blow after flush</u>		

Recovery — Total Feet <u>90</u>	GIP <u>-</u>	Ft. in DC <u>90</u>	Ft. in DP <u>-</u>
Rec. <u>90</u>	Feet Of <u>Watery Mud</u>	%gas	%oil <u>30</u> %water <u>70</u> %mud
Rec. _____	Feet Of _____	%gas	%oil _____ %water _____ %mud
Rec. _____	Feet Of _____	%gas	%oil _____ %water _____ %mud
Rec. _____	Feet Of _____	%gas	%oil _____ %water _____ %mud
Rec. _____	Feet Of _____	%gas	%oil _____ %water _____ %mud

BHT 101 °F Gravity - °API D@ - °F Corrected Gravity - °API
 RW .18 @ 64 °F Chlorides 18,000 ppm Recovery Chlorides 7000 ppm System

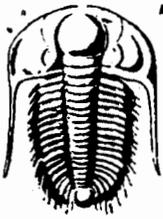
(A) Initial Hydrostatic Mud <u>1507</u>	AK-1	Alpine	PSI Recorder No. <u>13254</u>	T-On Location <u>1530</u>
(B) First Initial Flow Pressure <u>11</u>			PSI (depth) <u>3148</u>	T-Started <u>1700</u>
(C) First Final Flow Pressure <u>23</u>			PSI Recorder No. <u>13247</u>	T-Open <u>1810</u>
(D) Initial Shut-In Pressure <u>225</u>			PSI (depth) <u>3160</u>	T-Pulled <u>2110</u>
(E) Second Initial Flow Pressure <u>35</u>			PSI Recorder No. <u>-</u>	T-Out <u>2230</u>
(F) Second Final Flow Pressure <u>47</u>			PSI (depth) <u>-</u>	T-Off Location _____
(G) Final Shut-in Pressure <u>213</u>			PSI Initial Opening <u>45</u>	Test <input checked="" type="checkbox"/>
(Q) Final Hydrostatic Mud <u>1507</u>			PSI Initial Shut-in <u>45</u>	Jars _____
			Final Flow <u>45</u>	Safety Joint _____
			Final Shut-in <u>45</u>	Straddle _____

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Approved By [Signature]

Our Representative Roy Schwager Thank you

KCC
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 Release
 Circ. Sub
 Sampler MAR 07 2003
 Extra Packer From
 Elec. Rec. Confidential
 Mileage N/C
 Other _____
 TOTAL PRICE \$ ✓



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Test Ticket CONSERVATION DIVISION

Well Name & No. Wedel #1 Test No. 7 Date 4-26-2001
 Company BRUNGAARD T OIL & LEASING INC Zone Tested Congl Sd,
 Address P.O. Box 871 Russell, Ks 67665 Elevation 1900 KB 1895 GL
 Co. Rep / Geo. BRAD HATCHINSON Cont. Shields rig 1 Est. Ft. of Pay - Por. - %
 Location: Sec. 14 Twp. 10S Rge. 15W Co. OSBORNE State Ks
 No. of Copies Req Distribution Sheet (Y, N) - Turnkey (Y, N) - Evaluation (Y, N) -

Interval Tested 3409-3440 Initial Str Wt./Lbs. 39000 Unseated Str Wt./Lbs. 39000
 Anchor Length 31 Wt. Set Lbs. 25000 Wt. Pulled Loose/Lbs. 45000
 Top Packer Depth 3404 Tool Weight 2200
 Bottom Packer Depth 3409 Hole Size — 7 7/8" yes Rubber Size — 6 3/4" yes
 Total Depth 3440 Wt. Pipe Run 318 Drill Collar Run -
 Mud Wt. 9.2 LCM 4# Vis. 50 WL 9.6 Drill Pipe Size 4 1/2" X H Ft. Run 3085
 Blow Description TIP - WEAK building TO AIR Blow 1/4" To 4 1/2" Blow
FIP - WEAK Blow throughout 1/4" To 1 1/2" Blow

Recovery — Total Feet	<u>400</u>	GIP	<u>-</u>	Ft. in ^{WP} DC	<u>316</u>	Ft. in DP	<u>84</u>
Rec. <u>85</u>	Feet Of <u>SOC WM</u>	%gas	<u>3</u>	%oil	<u>30</u>	%water	<u>67</u>
Rec. <u>126</u>	Feet Of <u>SOC MW</u>	%gas	<u>1</u>	%oil	<u>50</u>	%water	<u>49</u>
Rec. <u>189</u>	Feet Of <u>SOC MW</u>	%gas	<u>1</u>	%oil	<u>70</u>	%water	<u>29</u>
Rec. _____	Feet Of _____	%gas	_____	%oil	_____	%water	_____
Rec. _____	Feet Of _____	%gas	_____	%oil	_____	%water	_____
BHT <u>106</u>	°F Gravity	_____	°API D@	_____	°F Corrected Gravity	_____	°API
RW <u>.20</u>	@ <u>70</u>	°F Chlorides	<u>36000</u>	ppm Recovery	Chlorides <u>7000</u>	ppm System	_____

(A) Initial Hydrostatic Mud	<u>1682</u>	AK-1	Alpine	PSI Recorder No.	<u>13254</u>	T-On Location	<u>0130</u>
(B) First Initial Flow Pressure	<u>59</u>			PSI (depth)	<u>3411</u>	T-Started	<u>0320</u>
(C) First Final Flow Pressure	<u>142</u>			PSI Recorder No.	<u>13248</u>	T-Open	<u>0450</u>
(D) Initial Shut-In Pressure	<u>450</u>			PSI (depth)	<u>3432</u>	T-Pulled	<u>0750</u>
(E) Second Initial Flow Pressure	<u>189</u>			PSI Recorder No.	<u>-</u>	T-Out	<u>0930</u>
(F) Second Final Flow Pressure	<u>189</u>			PSI (depth)	<u>-</u>	T-Off Location	_____
(G) Final Shut-in Pressure	<u>450</u>			PSI Initial Opening	<u>45</u>	Test	<input checked="" type="checkbox"/>
(Q) Final Hydrostatic Mud	<u>1670</u>			PSI Initial Shut-in	<u>45</u>	Jars	_____
				Final Flow	<u>45</u>	Safety Joint	<u>Release</u>
				Final Shut-in	<u>45</u>	Straddle	_____

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Approved By [Signature]

Our Representative Ray Schwager Thank you

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 Sampler From
 Extra Packer Confidential
 Elec. Rec. _____
 Mileage ✓ 48
 Other _____
 TOTAL PRICE \$ ✓