

15-153-20819

TRILOBITE TESTING L.L.C.

29-5s-36w

OPERATOR : Ritchie Exploration

DATE 9-28-00

WELL NAME: #2 Briney Trust B

KB 3304.00 ft

TICKET NO: 12751 DST #1

LOCATION : 29-5-36 Rawlins co KS

GR 3299.00 ft

FORMATION: Marmaton

INTERVAL : 4461.00 To 4514.00 ft

TD 4514.00 ft

TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins		Field	1	2	3	4	TIME DATA-----
PF 30	Rec.	11058	11058				PF Fr. 0035 to 0105 hr
SI 30	Range(Psi)	4475.0	4475.0	0.0	0.0	0.0	IS Fr. 0105 to 0135 hr
SF 30	Clock(hrs)	12	12				SF Fr. 0135 to 0205 hr
FS 30	Depth(ft)	4462.0	4462.0	0.0	0.0	0.0	FS Fr. 0205 to 0235 hr

	Field	1	2	3	4	
A. Init Hydro	2040.0	2001.0	0.0	0.0	0.0	T STARTED 2245 hr
B. First Flow	55.0	72.0	0.0	0.0	0.0	T ON BOTM 0030 hr
B1. Final Flow	44.0	58.0	0.0	0.0	0.0	T OPEN 0035 hr
C. In Shut-in	66.0	70.0	0.0	0.0	0.0	T PULLED 0225 hr
D. Init Flow	55.0	61.0	0.0	0.0	0.0	T OUT 0445 hr
E. Final Flow	44.0	61.0	0.0	0.0	0.0	
F. Fl Shut-in	55.0	61.0	0.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2278.0	2271.0	0.0	0.0	0.0	Tool Wt. 4000.00 lbs
Inside/Outside	I	I				Wt Set On Packer 26000.00 lbs
						Wt Pulled Loose 68000.00 lbs
						Initial Str Wt 54000.00 lbs
						Unseated Str Wt 54000.00 lbs
						Bot Choke 0.75 in
						Hole Size 7.78 in
						D Col. ID 2.25 in
						D. Pipe ID 3.80 in
						D.C. Length 497.00 ft
						D.P. Length 3981.00 ft

RECOVERY

Tot Fluid	3.00 ft of	3.00 ft in DC and	0.00 ft in DP
3.00	ft of Drilling mud		
0.00	ft of 100% mud		
0.00	ft of		

SALINITY 2400.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow:
Weak 1/4" blow

Initial Shut-In:
No return.

Final Flow:
No blow.

Final Shut-In:
No return.

SAMPLES:

SENT TO:

MUD DATA-----	
Mud Type	Chemical
Weight	9.20 lb/c
Vis.	56.00 S/L
W.L.	7.60 in3
F.C.	0.00 in
Mud Drop	
Amt. of fill	0.00 ft
Btm. H. Temp.	119.00 F
Hole Condition	
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out	
Tool Chased	
Tester	Shane McBride
Co. Rep.	Jeff Christian
Contr.	Murfin
Rig #	3
Unit #	
Pump T.	

Test Successful: Y

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

N^o 12751

Well Name & No. <u>#2 Briney Trust B</u>	Test No. <u>#1</u>	Date <u>9-28-00</u>
Company <u>Ritchie Exploration</u>	Zone Tested <u>maximaton</u>	
Address <u>P.O. Box 783108, Wichita, KS 67278</u>	Elevation <u>3304'</u> KB <u>3299'</u> GL	
Co. Rep / Geo. <u>Jeff Christian</u>	Cont. <u>Murfin #3</u>	Est. Ft. of Pay <u> </u> Por. <u> </u> %
Location: Sec. <u>29</u>	Twp. <u>5</u>	Rge. <u>36</u> Co. <u>Rawlins</u> State <u>KS</u>
No. of Copies <u>Norm</u>	Distribution Sheet (Y, N) <u> </u>	Turnkey (Y, N) <u> </u> Evaluation (Y, N) <u> </u>

Interval Tested <u>4461</u>	<u>4514</u>	Initial Str Wt./Lbs. <u>54,000</u>	Unseated Str Wt./Lbs. <u>54,000</u>
Anchor Length <u> </u>	<u>53</u>	Wt. Set Lbs. <u>26,000</u>	Wt. Pulled Loose/Lbs. <u>68,000</u>
Top Packer Depth <u> </u>	<u>4456</u>	Tool Weight <u>4,000</u>	
Bottom Packer Depth <u> </u>	<u>4461</u>	Hole Size — 7 7/8" <input checked="" type="checkbox"/>	Rubber Size — 6 3/4" <input checked="" type="checkbox"/>
Total Depth <u> </u>	<u>4514</u>	Wt. Pipe Run <u> </u>	Drill Collar Run <u>497'XH</u>
Mud Wt. <u>9.2</u> LCM <u>0</u> Vis. <u>56</u> WL <u>7.6</u>		Drill Pipe Size <u>4 1/2 X H</u>	Ft. Run <u>3981'</u>
Blow Description <u>Weak 1/4" in blow</u>			
<u>No return</u>			
<u>No blow</u>			
<u>No return</u>			

Recovery — Total Feet <u>3'</u>	GIP <u> </u>	Ft. in DC <u>3'</u>	Ft. in DP <u> </u>
Rec. <u>3'</u> Feet Of <u>Drilling Mud</u>	%gas <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>
Rec. <u> </u> Feet Of <u> </u>	%gas <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>
Rec. <u> </u> Feet Of <u> </u>	%gas <u> </u>	%oil <u> </u>	%water <u> </u> %mud <u> </u>
BHT <u>119°</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 <u> </u>	Chlorides <u>2400</u>	ppm System <u> </u>

(A) Initial Hydrostatic Mud <u>2040</u>	AK-1	Alpine	PSI Recorder No. <u>2023</u>	T-On Location <u>21:00 p.m.</u>
(B) First Initial Flow Pressure <u>55</u>			PSI (depth) <u>4511'</u>	T-Started <u>22:45 p.m.</u>
(C) First Final Flow Pressure <u>44</u>			PSI Recorder No. <u>11058</u>	T-Open <u>12:35 A.M.</u>
(D) Initial Shut-in Pressure <u>66</u>			PSI (depth) <u>4462'</u>	T-Pulled <u>02:35 A.M.</u>
(E) Second Initial Flow Pressure <u>55</u>			PSI Recorder No. <u> </u>	T-Out <u>09:05 A.M.</u>
(F) Second Final Flow Pressure <u>44</u>			PSI (depth) <u> </u>	T-Off Location <u>Stayed</u>
(G) Final Shut-in Pressure <u>55</u>			PSI Initial Opening <u>30</u>	Test <u>750</u>
(Q) Final Hydrostatic Mud <u>2278</u>			PSI Initial Shut-in <u>30</u>	Jars <u> </u>
			Final Flow <u>30</u>	Safety Joint <u> </u>
			Final Shut-in <u>30</u>	Straddle <u> </u>

TRILOBITE TESTING L.L.C. SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF 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 STATEMENTS OR OPINION CONCERNING THE RESULTS 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.

Approved By Jeff Christian
Our Representative David M. Burt

Circ. Sub x N/C
Sampler
Extra Packer
Elec. Rec.
Mileage 106 miles 1 way
Other
TOTAL PRICE \$ 856

TRILOBITE TESTING L.L.C.

OPERATOR : Ritchie Exploration DATE 9-29-00
 WELL NAME: #2 Briney Trust B KB 3304.00 ft TICKET NO: 12752 DST #2
 LOCATION : 29-5-36 Rawlins co KS GR 3299.00 ft FORMATION: Marmaton
 INTERVAL : 4515.00 To 4540.00 ft TD 4540.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 45 Rec.	11058	11058				PF Fr. 1435 to 1520 hr
SI 45 Range(Psi)	4475.0	4475.0	0.0	0.0	0.0	IS Fr. 1520 to 1605 hr
SF 45 Clock(hrs)	12	12				SF Fr. 1605 to 1650 hr
FS 45 Depth(ft)	4530.0	4530.0	0.0	0.0	0.0	FS Fr. 1650 to 1735 hr

	Field	1	2	3	4	
A. Init Hydro	2378.0	2347.0	0.0	0.0	0.0	T STARTED 1230 hr
B. First Flow	100.0	98.0	0.0	0.0	0.0	T ON BOTM 1430 hr
B1. Final Flow	244.0	234.0	0.0	0.0	0.0	T OPEN 1435 hr
C. In Shut-in	1275.0	1275.0	0.0	0.0	0.0	T PULLED 1735 hr
D. Init Flow	288.0	295.0	0.0	0.0	0.0	T OUT 2015 hr
E. Final Flow	355.0	343.0	0.0	0.0	0.0	
F. Fl Shut-in	1231.0	1222.0	0.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2367.0	2328.0	0.0	0.0	0.0	Tool Wt. 4000.00 lbs
Inside/Outside	I	I				Wt Set On Packer 26000.00 lbs
						Wt Pulled Loose 73000.00 lbs
						Initial Str Wt 58000.00 lbs
						Unseated Str Wt 60000.00 lbs
						Bot Choke 0.75 in
						Hole Size 7.78 in
						D Col. ID 2.25 in
						D. Pipe ID 3.80 in
						D.C. Length 497.00 ft
						D.P. Length 4012.00 ft

RECOVERY

Tot Fluid 840.00 ft of 497.00 ft in DC and 343.00 ft in DP
 960.00 ft of Gas in pipe
 180.00 ft of Clean gassy oil 35% gas 65% oil
 240.00 ft of Mud cut gassy oil
 0.00 ft of 20% gas 50% oil 30% mud
 120.00 ft of Water & mud cut gassy oil
 0.00 ft of 20% gas 35% oil 25% water 20% mud
 300.00 ft of Oil cut gassy water
 0.00 ft of 10% gas 5% oil 85% water
 SALINITY 2400.00 P.P.M. A.P.I. Gravity 26.00

BLOW DESCRIPTION

Initial Flow:
 Bottom of bucket in 8 1/2 minutes.
 Initial Shut-In:
 Bled off for 2 minutes. Return in 1 minute. Built to 3".
 Final Flow:
 3" @ open, Bottom of bucket in 6 min.
 Final Shut-In:
 Bled off for 2 1/2 minutes. Return in 1/2 minute. Built to bottom of bucket in 15 minutes.

SAMPLES:
 SENT TO:

MUD DATA-----
 Mud Type Chemical
 Weight 9.10 lb/c
 Vis. 55.00 S/L
 W.L. 7.60 in3
 F.C. 0.00 in
 Mud Drop
 Amt. of fill 0.00 ft
 Btm. H. Temp. 120.00 F
 Hole Condition
 % Porosity 0.00
 Packer Size 6.75 in
 No. of Packers 2
 Cushion Amt. 0.00
 Cushion Type
 Reversed Out
 Tool Chased
 Tester Shane McBride
 Co. Rep. Jeff Christian
 Contr. Murfin
 Rig # 3
 Unit #
 Pump T.

Test Successful: Y

CALCULATED RECOVERY ANALYSIS

DST 2

TICKET 12752

SAMPLE #	TOTAL FEET	GAS		OIL		WATER		MUD	
		%	FEET	%	FEET	%	FEET	%	FEET
DRILL 1	960	100	960	0	0	0	0	0	0
PIPE 2	180	35	63	65	117	0	0	0	0
3	163	20	32.6	50	81.5	0	0	30	48.9
4	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0
WEIGHT 1	0	0	0	0	0	0	0	0	0
PIPE 2	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0
DRILL 1	77	20	15.4	50	38.5	0	0	30	23.1
COLLARS 2	120	20	24	35	42	25	30	20	24
3	300	10	30	5	15	85	255	0	0
4	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0
TOTAL	1800	0	1125	0	294	0	285	0	96

BBL OIL= 3.289665 * HRS OPEN 1.5 = BBL/DAY 52.63464
 BBL WATER= 1.39365 * = 22.2984
 BBL MUD= 0.925677
 BBL GAS = 15.349998

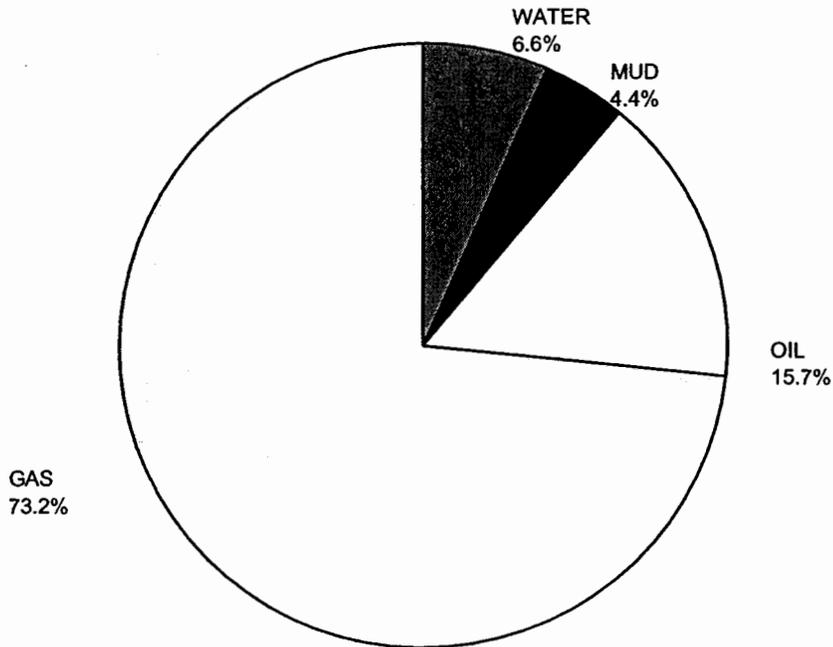
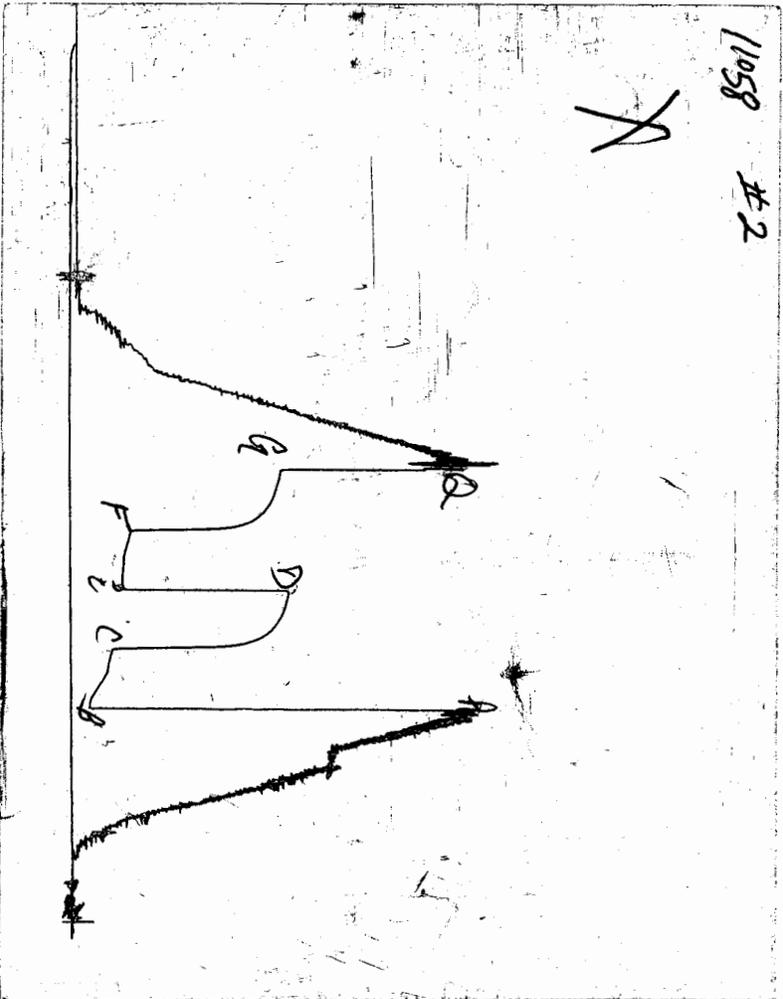


CHART PAGE



This is a photocopy of the actual AK-1 recorder chart

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

N^o 12752

Well Name & No. #2 Briney Trust B Test No. #2 Date 9-29-00
Company Ritchie Exploration Zone Tested MANAWATON
Address P.O. Box 783188, Wichita, KS 67278 Elevation 3304' KB 3299' GL
Co. Rep / Geo. Jeff Christian Cont. Murk.w #3 Est. Ft. of Pay Por. %
Location: Sec. 29 Twp. 5 Rge. 36 Co. Rauvils State KS
No. of Copies N/A Distribution Sheet (Y, N) Turnkey (Y, N) Evaluation (Y, N)

Interval Tested 4515 4540 Initial Str Wt./Lbs. 58,000 Unseated Str Wt./Lbs. 60,000
Anchor Length 25 Wt. Set Lbs. 26,000 Wt. Pulled Loose/Lbs. 73,000
Top Packer Depth 4510 Tool Weight 4,000
Bottom Packer Depth 4515 Hole Size — 7 7/8" Rubber Size — 6 3/4"
Total Depth 4540 Wt. Pipe Run Drill Collar Run 497' KH
Mud Wt. 9.1 LCM 0 Vis. 55 WL 7.6 Drill Pipe Size 4 1/2 XH Ft. Run 4012'
Blow Description B.O.B in 8 1/2 min.

Bleed off for 2 min, return in 1 min, built to 3" w.
3" in @ open, B.O.B. in 6 min
Bleed off for 2 1/2 min, return in 1/2 min, built to B.O.B in 15 min.

Recovery — Total Feet	GIP	Ft. in DC	Ft. in DP
Rec. <u>180'</u> Feet Of <u>C90</u>	<u>960'</u>	<u>497'</u>	<u>343'</u>
Rec. <u>240'</u> Feet Of <u>MC90</u>		<u>35% gas 65% oil</u>	<u>%water %mud</u>
Rec. <u>120'</u> Feet Of <u>W 3/4 MC90</u>		<u>20% gas 50% oil</u>	<u>%water 30% mud</u>
Rec. <u>300'</u> Feet Of <u>OCGW</u>		<u>20% gas 35% oil</u>	<u>25% water 20% mud</u>
Rec. <u> </u> Feet Of <u> </u>		<u>10% gas 5% oil</u>	<u>85% water %mud</u>
Rec. <u> </u> Feet Of <u> </u>		<u>%gas %oil</u>	<u>%water %mud</u>
BHT <u>120°</u> °F Gravity <u>28</u> °API D@ <u>80°</u> °F Corrected Gravity <u>26</u> °API			
RW <u> </u> @ <u> </u> °F Chlorides <u> </u> ppm Recovery Chlorides <u>2400</u> ppm System			

	AK-1	Alpine		
(A) Initial Hydrostatic Mud	<u>2378</u>		PSI Recorder No. <u>2023</u>	T-On Location <u>Stayed</u>
(B) First Initial Flow Pressure	<u>100</u>		PSI (depth) <u>4512'</u>	T-Started <u>12:30 p.m.</u>
(C) First Final Flow Pressure	<u>244</u>		PSI Recorder No. <u>11068</u>	T-Open <u>14:35 p.m.</u>
(D) Initial Shut-In Pressure	<u>1275</u>		PSI (depth) <u>4530'</u>	T-Pulled <u>17:35 p.m.</u>
(E) Second Initial Flow Pressure	<u>288</u>		PSI Recorder No. <u> </u>	T-Out <u>20:15 p.m.</u>
(F) Second Final Flow Pressure	<u>355</u>		PSI (depth) <u> </u>	T-Off Location <u>Stayed</u>
(G) Final Shut-in Pressure	<u>1231</u>		PSI Initial Opening <u>45</u>	Test <u>750</u>
(Q) Final Hydrostatic Mud	<u>2367</u>		PSI Initial Shut-in <u>45</u>	Jars <u> </u>
			Final Flow <u>45</u>	Safety Joint <u> </u>
			Final Shut-in <u>45</u>	Straddle <u> </u>

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Approved By Jeff Christian
Our Representative Shirley McBurn

7:30
T-Started 12:30 p.m.
T-Open 14:35 p.m.
T-Pulled 17:35 p.m.
T-Out 20:15 p.m.
T-Off Location Stayed
Test 750
Jars
Safety Joint
Straddle
Circ. Sub N/C
Sampler
Extra Packer
Elec. Rec.
Mileage
Other eval 100.00
TOTAL PRICE \$ 850.00

TRILOBITE TESTING L.L.C.

OPERATOR : Ritchie Exploration
 WELL NAME: #2 Briney Trust B
 LOCATION : 29-5-36 Rawlins co KS
 INTERVAL : 4547.00 To 4590.00 ft

DATE 9-30-00
 KB 3304.00 ft TICKET NO: 12753 DST #3
 GR 3299.00 ft FORMATION: Pawnee
 TD 4590.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins		Field	1	2	3	4	TIME DATA-----
PF 30	Rec.	11058	11058				PF Fr. 0830 to 0900 hr
SI 30	Range(Psi)	4475.0	4475.0	0.0	0.0	0.0	IS Fr. 0900 to 0930 hr
SF 30	Clock(hrs)	12	12				SF Fr. 0930 to 1000 hr
FS 30	Depth(ft)	4587.0	4587.0	0.0	0.0	0.0	FS Fr. 1000 to 1030 hr

	Field	1	2	3	4	
A. Init Hydro	2367.0	2359.0	0.0	0.0	0.0	T STARTED 0630 hr
B. First Flow	55.0	91.0	0.0	0.0	0.0	T ON BOTM 0825 hr
B1. Final Flow	55.0	58.0	0.0	0.0	0.0	T OPEN 0830 hr
C. In Shut-in	66.0	70.0	0.0	0.0	0.0	T PULLED 1030 hr
D. Init Flow	55.0	62.0	0.0	0.0	0.0	T OUT 1245 hr
E. Final Flow	55.0	63.0	0.0	0.0	0.0	
F. Fl Shut-in	66.0	63.0	0.0	0.0	0.0	
G. Final Hydro	2356.0	2271.0	0.0	0.0	0.0	
Inside/Outside	I	I				

RECOVERY

Tot Fluid 2.00 ft of 2.00 ft in DC and 0.00 ft in DP
 2.00 ft of Drilling mud w/ oil spots
 0.00 ft of 100% mud
 0.00 ft of
 SALINITY 0.00 P.P.M. A.P.I. Gravity 0.00

TOOL DATA-----
 Tool Wt. 4000.00 lbs
 Wt Set On Packer 26000.00 lbs
 Wt Pulled Loose 76000.00 lbs
 Initial Str Wt 60000.00 lbs
 Unseated Str Wt 60000.00 lbs
 Bot Choke 0.75 in
 Hole Size 7.78 in
 D Col. ID 2.25 in
 D. Pipe ID 3.80 in
 D.C. Length 497.00 ft
 D.P. Length 4076.00 ft

MUD DATA-----
 Mud Type Chemical
 Weight 9.10 lb/ci
 Vis. 55.00 S/L
 W.L. 7.60 in3
 F.C. 0.00 in
 Mud Drop
 Amt. of fill 0.00 ft
 Btm. H. Temp. 119.00 F
 Hole Condition
 % Porosity 0.00
 Packer Size 6.75 in
 No. of Packers 2
 Cushion Amt. 0.00
 Cushion Type
 Reversed Out
 Tool Chased
 Tester Shane McBride
 Co. Rep. Jeff Christian
 Contr. Murfin
 Rig # 3
 Unit #
 Pump T.

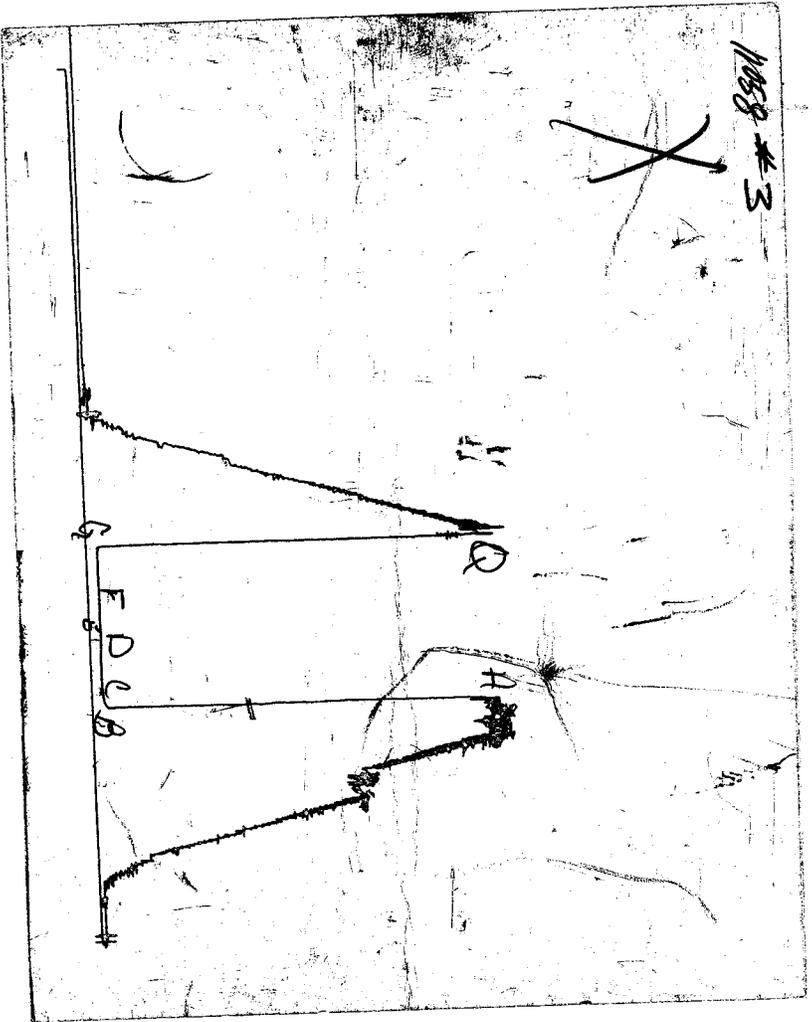
BLOW DESCRIPTION

Initial Flow:
 Weak 1/4" blow
 Initial Shut-In:
 No return.
 Final Flow:
 No blow
 Final Shut-In:
 No return

SAMPLES:
 SENT TO:

Test Successful: Y

CHART PAGE



This is a photocopy of the actual AK-1 recorder chart

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

N^o 12753

Well Name & No. <u>#2 Barney Trust B</u>	Test No. <u>#3</u>	Date <u>9-30-00</u>
Company <u>Ritchie Exploration Inc.</u>	Zone Tested <u>Lawnee</u>	
Address <u>P.O. Box 783188, Wichita, KS 67278</u>	Elevation <u>3304'</u>	KB <u>3299</u> GL
Co. Rep / Geo. <u>Jeff Christian</u>	Cont. <u>Martin #3</u>	Est. Ft. of Pay <u> </u> Por. <u> </u> %
Location: Sec. <u>29</u> Twp. <u>5</u> Rge. <u>36</u>	Co. <u>Lawnee</u>	State <u>KS</u>
No. of Copies <u> </u>	Distribution Sheet (Y, N) <u> </u>	Turnkey (Y, N) <u> </u> Evaluation (Y, N) <u> </u>

Interval Tested <u>4547</u>	<u>4590'</u>	Initial Str Wt./Lbs. <u>60,000</u>	Unseated Str Wt./Lbs. <u>60,000</u>
Anchor Length <u> </u>	<u>43'</u>	Wt. Set Lbs. <u>26,000</u>	Wt. Pulled Loose/Lbs. <u>76,000</u>
Top Packer Depth <u> </u>	<u>4542</u>	Tool Weight <u>4,000</u>	
Bottom Packer Depth <u> </u>	<u>4547</u>	Hole Size — 7 7/8" <input checked="" type="checkbox"/>	Rubber Size — 6 3/4" <input checked="" type="checkbox"/>
Total Depth <u> </u>	<u>4590</u>	Wt. Pipe Run <u> </u>	Drill Collar Run <u>497' KH</u>
Mud Wt. <u>7.1</u> LCM <u>0-0</u> Vis. <u>55</u> WL <u>7.6</u>		Drill Pipe Size <u>4 1/2 XH</u>	Ft. Run <u>4076'</u>
Blow Description <u>Weak 1/4" in blow</u>			
<u>No return</u>			
<u>No blow</u>			
<u>No return</u>			

Recovery — Total Feet <u>2'</u>	GIP <u> </u>	Ft. in DC <u>2'</u>	Ft. in DP <u> </u>
Rec. <u>2'</u> Feet Of <u>Dulling Mud w/ oil spts</u>	%gas <u>spts</u>	%oil <u> </u>	%water <u>100%</u>
Rec. <u> </u> Feet Of <u> </u>	%gas <u> </u>	%oil <u> </u>	%water <u> </u>
Rec. <u> </u> Feet Of <u> </u>	%gas <u> </u>	%oil <u> </u>	%water <u> </u>
Rec. <u> </u> Feet Of <u> </u>	%gas <u> </u>	%oil <u> </u>	%water <u> </u>
Rec. <u> </u> Feet Of <u> </u>	%gas <u> </u>	%oil <u> </u>	%water <u> </u>
BHT <u>119'</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>2400</u>	ppm System Chlorides <u> </u>	ppm System <u> </u>

	AK-1	Alpine		
(A) Initial Hydrostatic Mud	<u>2367</u>		PSI Recorder No. <u>2023</u>	T-On Location <u>Stayed</u>
(B) First Initial Flow Pressure	<u>55</u>		PSI (depth) <u>4553'</u>	T-Started <u>06:30 AM.</u>
(C) First Final Flow Pressure	<u>55</u>		PSI Recorder No. <u>11053</u>	T-Open <u>08:30 AM.</u>
(D) Initial Shut-In Pressure	<u>66</u>		PSI (depth) <u>4587'</u>	T-Pulled <u>10:30 A.M.</u>
(E) Second Initial Flow Pressure	<u>55</u>		PSI Recorder No. <u> </u>	T-Out <u>12:45 p.m.</u>
(F) Second Final Flow Pressure	<u>55</u>		PSI (depth) <u> </u>	T-Off Location <u>13:35 p.m.</u>
(G) Final Shut-in Pressure	<u>66</u>		PSI Initial Opening <u>30</u>	Test <u>Y</u> <u>750</u>
(Q) Final Hydrostatic Mud	<u>2356</u>		PSI Initial Shut-in <u>30</u>	Jars <u> </u>
			Final Flow <u>30</u>	Safety Joint <u> </u>
			Final Shut-in <u>30</u>	Straddle <u> </u>
				Circ. Sub <u>x n/c</u>
				Sampler <u> </u>
				Extra Packer <u> </u>
				Elec. Rec. <u> </u>
				Mileage <u> </u>
				Other <u> </u>
				TOTAL PRICE \$ <u>750</u>

TRILOBITE TESTING L.L.C. SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF 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 STATEMENTS OR OPINION CONCERNING THE RESULTS 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.

Approved By Jeff Christian
 Our Representative

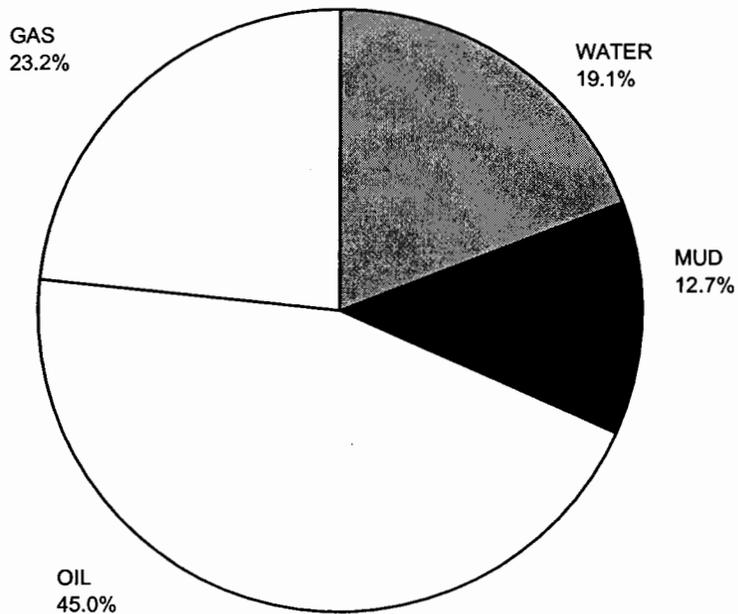
CALCULATED RECOVERY ANALYSIS

DST 2

TICKET 12752

SAMPLE #	TOTAL FEET	GAS		OIL		WATER		MUD		
		%	FEET	%	FEET	%	FEET	%	FEET	
DRILL	1	180	35	63	65	117	0	0	0	0
PIPE	2	163	20	32.6	50	81.5	0	0	30	48.9
	3	0	0	0	0	0	0	0	0	0
	4	0	0	0	0	0	0	0	0	0
	5	0	0	0	0	0	0	0	0	0
	6	0	0	0	0	0	0	0	0	0
WEIGHT	1	0	0	0	0	0	0	0	0	0
PIPE	2	0	0	0	0	0	0	0	0	0
	3	0	0	0	0	0	0	0	0	0
	4	0	0	0	0	0	0	0	0	0
	5	0	0	0	0	0	0	0	0	0
DRILL	1	77	20	15.4	50	38.5	0	0	30	23.1
COLLARS	2	120	20	24	35	42	25	30	20	24
	3	300	10	30	5	15	85	255	0	0
	4	0	0	0	0	0	0	0	0	0
	5	0	0	0	0	0	0	0	0	0
TOTAL		840	0	165	0	294	0	285	0	96

BBL OIL= 3.289665 * HRS OPEN 1.5 = 52.63464
 BBL WATER= 1.39365 * = 22.2984
 BBL MUD= 0.925677
 BBL GAS = 1.698798



Operator.....: Ritchie Exploration
Well Name.....: #2 Briney Trust B
DST Number.....: 2

Location.: 29-5s-36w Rawlins co KS Recorder No...: 11058
Test Type: Conv Recorder Depth: 4530
Formation: Marmaton Test Interval.: 4515-4540

RESERVOIR CALCULATIONS: Fluid calculations based on shut-in #2

RESERVOIR PARAMETERS USED:

Net Pay.....: 4.00 ft
Porosity.....: 13.00 %
Bottom Hole Temp.....: 120.00 F
Specific Gravity.....: 0.041
API Gravity.....: 26.00
Compressibility.....: 0.000001 /psi
Viscosity.....: 19.0100 cp
Total Recovery.....: 840.00 ft
Total Flowing Time.....: 90.00 min.
Flow Rate.....: 52.63 bbls/d
Final Flowing Pressure.....: 343.00 psi
Horner Slope.....: 194.0000 psi/cycle
Extrapolated Pressure.....: 1178.00 psi
Formation Volume Factor....: 1.04 Reservoir/Surface
Well Bore Radius.....: 3.94 in

RESULTS:

Effective Permeability.....: 217.499622 md
Flow Capacity.....: 869.9985 md.ft
Transmissibility.....: 45.7653 md.ft/cp
Skin Factor.....: -1.1855
Radius of Investigation.....: 281.60874 ft
Damage Ratio.....: 0.8069
Productivity Index.....: 0.0630 bbls/psi.d
Productivity Index W/O Damage.: 0.0509 bbls/psi.d