

15-135-23954

24-16S-26W

WELL NAME: Nichepor #10
COMPANY: Scott T. Lutz
LOCATION: Sec. 24 Twp. 16S Rge. 26W
Ness County Kansas
DATE: 10-29-96

TRILOBITE TESTING L.L.C.

OPERATOR : Scott T. Lutz

DATE 10-27-96

WELL NAME: Nichapor #10

KB 2478.00 ft

TICKET NO: 9548

DST #1

LOCATION : 24-16S-26W Ness KS

GR 2570.00 ft

FORMATION: Mississippi

INTERVAL : 4533.00 To 4548.00 ft

TD 4548.00 ft

TEST TYPE: CONV

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	11058	11058	11057			PF Fr. 1049 to 1119 hr
SI 45 Range(Psi)	4475.0	4475.0	4500.0	0.0	0.0	IS Fr. 1119 to 1204 hr
SF 30 Clock(hrs)	12	12	12			SF Fr. 1204 to 1234 hr
FS 45 Depth(ft)	4535.0	4535.0	4545.0	0.0	0.0	FS Fr. 1234 to 1319 hr

	Field	1	2	3	4	
A. Init Hydro	2378.0	2376.0	0.0	0.0	0.0	T STARTED 0910 hr
B. First Flow	66.0	61.0	0.0	0.0	0.0	T ON BOTM 1047 hr
Bl. Final Flow	111.0	93.0	0.0	0.0	0.0	T OPEN 1049 hr
C. In Shut-in	567.0	567.0	0.0	0.0	0.0	T PULLED 1319 hr
D. Init Flow	133.0	139.0	0.0	0.0	0.0	T OUT 1540 hr
E. Final Flow	155.0	148.0	0.0	0.0	0.0	
F. Fl Shut-in	545.0	525.0	0.0	0.0	0.0	
G. Final Hydro	2356.0	2283.0	0.0	0.0	0.0	
Inside/Outside	I	I	O			

TOOL DATA-----

Tool Wt.	4000.00 lbs
Wt Set On Packer	25000.00 lbs
Wt Pulled Loose	63000.00 lbs
Initial Str Wt	42000.00 lbs
Unseated Str Wt	45000.00 lbs
Bot Choke	0.75 in
Hole Size	7.88 in
D Col. ID	2.25 in
D. Pipe ID	3.80 in
D.C. Length	31.00 ft
D.P. Length	4490.00 ft
H.W. I.D	2.70 in

RECOVERY

Tot Fluid 390.00 ft of 31.00 ft in DC and 359.00 ft in DP
 270.00 ft of Clean Gassy Oil 20% Gas 80% Oil
 0.00 ft of
 60.00 ft of Mud Cut Gassy Oil 30% Gas 50% Oil 20% Mud
 0.00 ft of
 60.00 ft of Slightly Gassy Mud Cut Oil 20% Gas 40% Oil
 0.00 ft of 40% Mud
 0.00 ft of
 0.00 ft of

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

BLOW DESCRIPTION

Initial Flow -
 1/2 in. blow at open - built to
 bottom of bucket in 12 min.
 Initial Shut-in -
 Bleed off blow - return in 3 min.
 weak surface blow - built to 1/8"
 blew throughout
 Final Flow -
 1/4" blow at open - built to 9-1/2"
 Final Shut-in -
 Bleed off blow - return in 2 min.
 weak surface blow 1/8"

SAMPLES:

SENT TO:

MUD DATA-----

Mud Type	Chem
Weight	9.60 lb/cf
Vis.	48.00 S/L
W.L.	10.00 in3
F.C.	0.00 in
Mud Drop	
Amt. of fill	0.00 ft
Btm. H. Temp.	1270.00 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.	Ron Nelson
Contr.	Discovery
Rig #	1
Unit #	
Pump T.	

Test Successful: Y

CALCULATED RECOVERY ANALYSIS

DST 1

TICKET 9548

SAMPLE #		TOTAL		GAS		OIL		WATER		MUD	
		FEET	%	FEET	%	FEET	%	FEET	%	FEET	%
DRILL	1	29	20	5.8	40	11.6		0	40	11.6	
PIPE	2	60	30	18	50	30		0	20	12	
	3	270	20	54	80	216		0		0	
	4			0		0		0		0	
	5			0		0		0		0	
	6			0		0		0		0	
WEIGHT	1			0		0		0		0	
PIPE	2			0		0		0		0	
	3			0		0		0		0	
	4			0		0		0		0	
DRILL	1	31	40	12.4	20	6.2		0	40	12.4	
COLLARS	2			0		0		0		0	
	3			0		0		0		0	
	4			0		0		0		0	
	5			0		0		0		0	
TOTAL		390		90.2		263.8		0		36	

			HRS OPEN		BBL/DAY
BBL OIL =	3.69339	*	2.5	=	35.456544
BBL WATER =	0	*		=	0
BBL MUD =	0.396228				
BBL GAS =	1.166952				

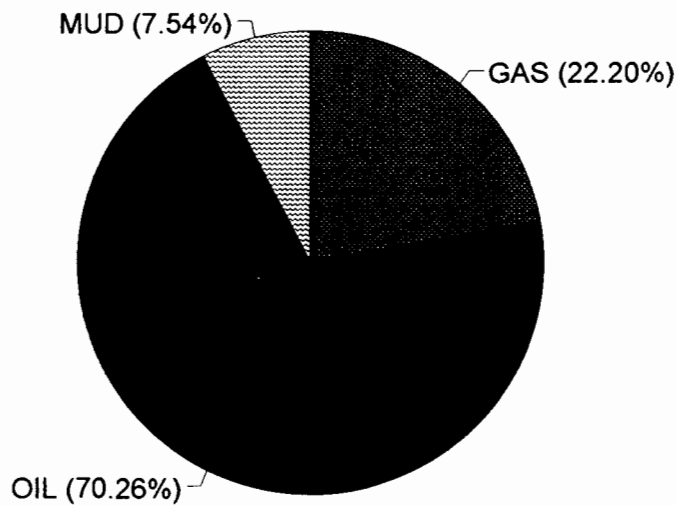
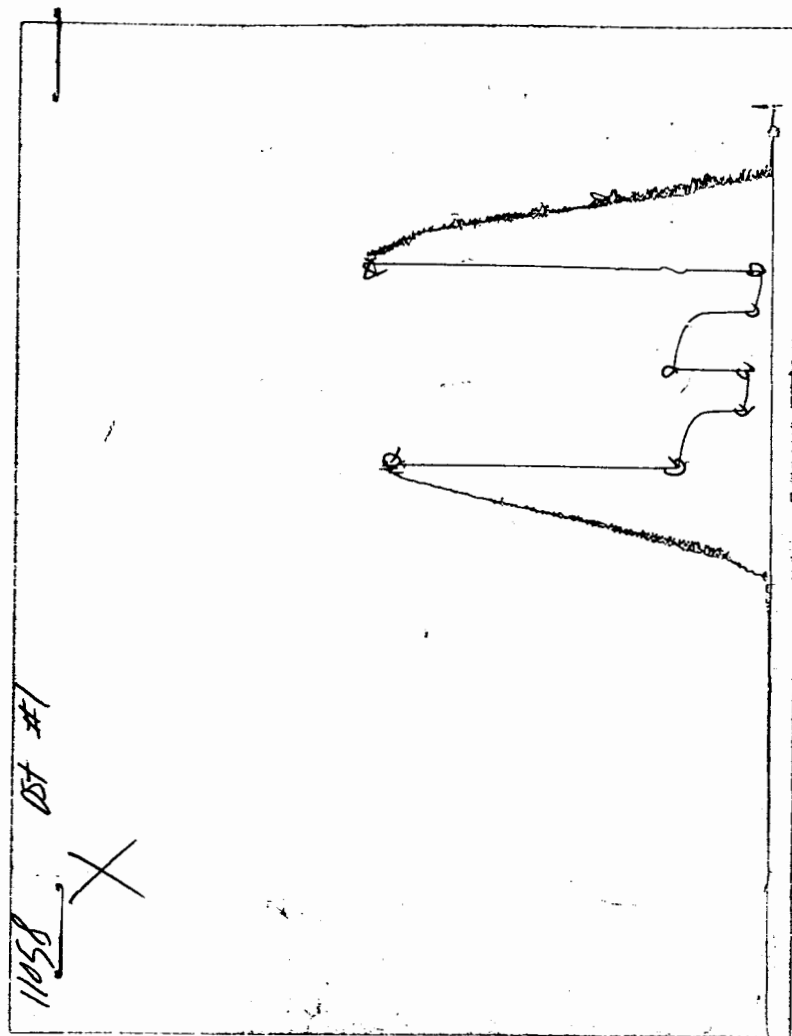


CHART PAGE



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

No 9548

Well Name & No. <u>Nichepor #10</u>	Test No. <u>1</u>	Date <u>10-27-96</u>
Company <u>Scott T Lotz</u>	Zone Tested <u>MISS</u>	
Address <u>P.O. Drawer O Shell Knob, Mo 65747</u>	Elevation <u>2578'</u>	KB <u>2570'</u> GL
Co. Rep / Geo. <u>Ron Nelson</u>	Cont. <u>Dis #1</u>	Est. Ft. of Pay <u> </u> Por. <u> </u> %
Location: Sec. <u>24</u> Twp. <u>16</u> Rge. <u>26</u>	Co. <u>Ness</u>	State <u>KS</u>
No. of Copies <u>None</u> Distribution Sheet (Y, N) <u> </u>	Turnkey (Y, N) <u> </u>	Evaluation (Y, N) <u> </u>

Interval Tested <u>4533'</u>	<u>4548'</u>	Initial Str Wt./Lbs. <u>42,000</u>	Unseated Str Wt./Lbs. <u>45,000</u>
Anchor Length <u> </u>	<u>15'</u>	Wt. Set Lbs. <u>25,000</u>	Wt. Pulled Loose/Lbs. <u>63,000</u>
Top Packer Depth <u> </u>	<u>4528'</u>	Tool Weight <u>4000</u>	
Bottom Packer Depth <u> </u>	<u>4533'</u>	Hole Size — 7 7/8" <u>✓</u>	Rubber Size — 6 3/4" <u>✓</u>
Total Depth <u> </u>	<u>4548</u>	Wt. Pipe Run <u> </u>	Drill Collar Run <u>31' H-91</u>
Mud Wt. <u>9.6</u> LCM <u> </u> Vis. <u>48</u> WL <u>10.0</u>		Drill Pipe Size <u>4 1/2 XH</u>	Ft. Run <u>4490'</u>
Blow Description <u>1/2" Blow @ open built to B.O.B in 12 min</u>			

ISIT: Bleed off Blow — return in 3 min, weak surface blow built to 1/8" blow throughout
F.F.: 1/4" Blow @ open, built to 9 1/2" in.

F.S.I. Bleed off Blow — return in 2 min, weak surface blow 1/8" in.

Recovery — Total Feet <u>390'</u>	GIP <u>210'</u>	Ft. in DC <u>31'</u>	Ft. in DP <u>359'</u>
Rec. <u>270'</u>	Feet Of <u>Clean base oil</u>	<u>20% gas</u> <u>80% oil</u>	%water <u> </u> %mud <u> </u>
Rec. <u>60'</u>	Feet Of <u>M.C.F.O</u>	<u>30% gas</u> <u>50% oil</u>	%water <u>20%</u> %mud <u> </u>
Rec. <u>60'</u>	Feet Of <u>Lightly Gassy M.C.O</u>	<u>20% gas</u> <u>50% oil</u>	%water <u>50%</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 127' °F Gravity 37 °API D@ 60 °F Corrected Gravity 37 °API

RW @ °F Chlorides ppm Recovery Chlorides ppm System

(A) Initial Hydrostatic Mud <u>2378</u>	PSI	Recorder No. <u>11058</u>	T-Started <u>9:10 AM</u>
(B) First Initial Flow Pressure <u>66</u>	PSI	(depth) <u>4535'</u>	T-Open <u>10:49 AM</u>
(C) First Final Flow Pressure <u>111</u>	PSI	Recorder No. <u>11057</u>	T-Pulled <u>13:19 P.M.</u>
(D) Initial Shut-in Pressure <u>567</u>	PSI	(depth) <u>4545</u>	T-Out <u>15:40 P.M.</u>
(E) Second Initial Flow Pressure <u>133</u>	PSI	Recorder No. <u> </u>	
(F) Second Final Flow Pressure <u>155</u>	PSI	(depth) <u> </u>	
(G) Final Shut-in Pressure <u>545</u>	PSI	Initial Opening <u>30</u>	Test <u>X</u> <u>600</u>
(H) Final Hydrostatic Mud <u>2356</u>	PSI	Initial Shut-in <u>45</u>	Jars <u> </u>

Final Flow 30 Safety Joint
Final Shut-in 45 Straddle

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
Our Representative Scott T Lotz

Circ. Sub X N/C
Sampler
Extra Packer
Elect. Rec.
Other
TOTAL PRICE \$ 600

(3)

Well name Nichepor #10

DST # 1

Recorder # 11058

			1
A	2.117	2376	2
B	.055	61	3
C	.084	93	4
D	.509	567	5
E	.125	139	6
F	.133	148	7
G	.472	525	8
H	2.034	2283	9
			10
			11
			12

