

15-097-21439

TRILOBITE TESTING L.L.C.

20-29-18w

OPERATOR : Vincent Oil Corporation
 WELL NAME: Nichols 1-20
 LOCATION : 20-29s-18w Kiowa co KS
 INTERVAL : 5082.00 To 5155.00 ft

DATE 4-3-99
 KB 2238.00 ft TICKET NO: 11319 DST #1
 GR 2233.00 ft FORMATION: Viola
 TD 5155.00 ft TEST TYPE: CONV

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 45 Rec.	13308	13308	24174			PF Fr. 1011 to 1056 hr
SI 60 Range(Psi)	4700.0	4700.0	3925.0	0.0	0.0	IS Fr. 1056 to 1156 hr
SF 60 Clock(hrs)	12	12	12			SF Fr. 1156 to 1256 hr
FS 75 Depth(ft)	5085.0	5085.0	5150.0	0.0	0.0	FS Fr. 1256 to 1411 hr

	Field	1	2	3	4	
A. Init Hydro	2532.0	2501.0	0.0	0.0	0.0	T STARTED 0815 hr
B. First Flow	32.0	30.0	0.0	0.0	0.0	T ON BOTM 1005 hr
B1. Final Flow	49.0	48.0	0.0	0.0	0.0	T OPEN 1011 hr
C. In Shut-in	1654.0	1646.0	0.0	0.0	0.0	T PULLED 1411 hr
D. Init Flow	61.0	67.0	0.0	0.0	0.0	T OUT 1615 hr
E. Final Flow	85.0	84.0	0.0	0.0	0.0	
F. Fl Shut-in	1571.0	1559.0	0.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2484.0	2434.0	0.0	0.0	0.0	Tool Wt. 1400.00 lbs
Inside/Outside	0	0	I			Wt Set On Packer 25000.00 lbs
						Wt Pulled Loose 74000.00 lbs
						Initial Str Wt 58000.00 lbs
						Unseated Str Wt 62000.00 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 0.00 ft
						D.P. Length 5070.00 ft

RECOVERY

Tot Fluid 115.00 ft of 0.00 ft in DC and 115.00 ft in DP
 115.00 ft of Muddy water 70% water 30% mud
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of

SALINITY 80000.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow:
 Weak 1/4" blow building to 2"
 Final Flow:
 2" blow building to 5"

MUD DATA-----

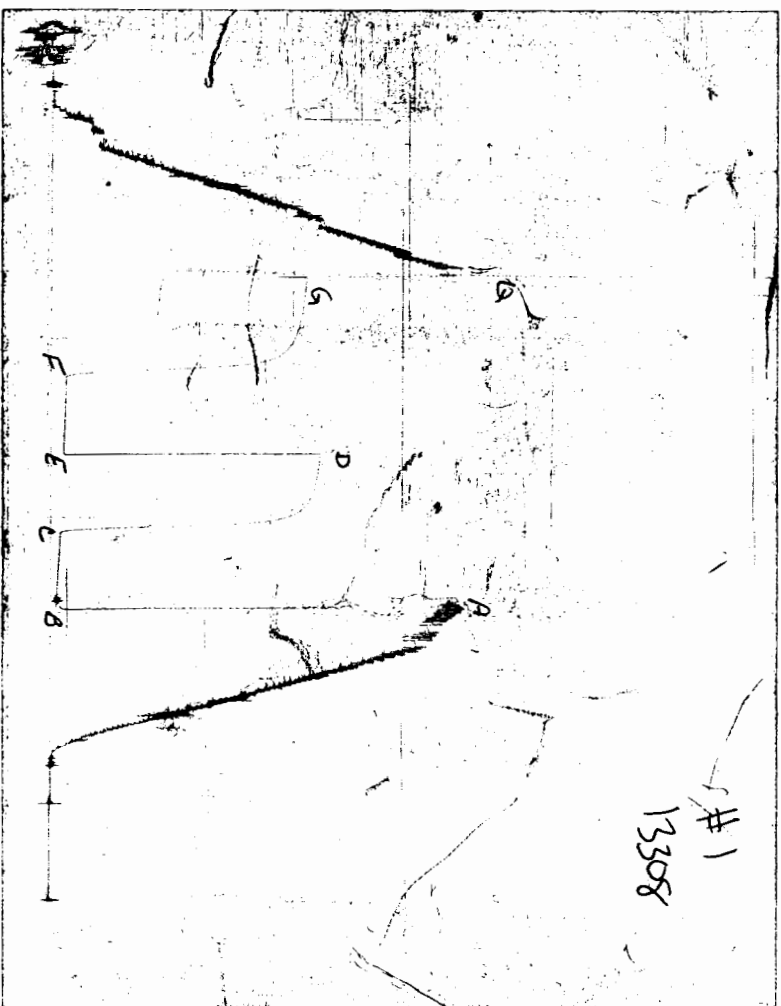
Mud Type	Chemical
Weight	9.40 lb/cf
Vis.	49.00 S/L
W.L.	9.40 in3
F.C.	0.00 in
Mud Drop	

Amt. of fill	0.00 ft
Btm. H. Temp.	123.00 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	Paul Simpson
Co. Rep.	Brad Rine
Contr.	Duke
Rig #	1
Unit #	
Pump T.	

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

No 11319

Well Name & No.	Nichols 1-20	Test No.	1	Date	4-3-99
Company	Vincent Oil Corporation	Zone Tested	Viola		
Address	125 N Market #1075	Wichita, KS 67202	Elevation	2238	KB 2233 GL
Co. Rep / Geo.	Brad Rine	Cont.	Duke #1	Est. Ft. of Pay	Por. %
Location: Sec.	20	Twp.	29S	Rge.	18W Co. Kiowa State KS
No. of Copies	5	Distribution Sheet (Y, N)		Turnkey (Y, N)	Evaluation (Y, N)

Interval Tested	5082 - 5155	Initial Str Wt./Lbs.	58,000	Unseated Str Wt./Lbs.	62,000
Anchor Length	73	Wt. Set Lbs.	25,000	Wt. Pulled Loose/Lbs.	74,000
Top Packer Depth	5077	Tool Weight	1400		
Bottom Packer Depth	5082	Hole Size — 7 7/8"		Rubber Size — 6 3/4"	
Total Depth	5155	Wt. Pipe Run		Drill Collar Run	
Mud Wt. 9.4	LCM	Vis. 49	WL 9.4	Drill Pipe Size 4 1/2 X 4	Ft. Run 5070
Blow Description	weak 1/2" blow building to 2"				

FS- 2" blow building to 5"

Recovery — Total Feet	115	GIP		Ft. in DC		Ft. in DP	115
Rec.	115	Feet Of	Muddy water	%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
Rec.		Feet Of		%gas	%oil	%water	%mud

BHT 123 °F Gravity °API D@ °F Corrected Gravity °API
RW 1 @ 67 °F Chlorides 80,000 ppm Recovery Chlorides ppm System

(A) Initial Hydrostatic Mud	2532	PSI	Recorder No.	13308	T-Started	0815
(B) First Initial Flow Pressure	37	PSI	(depth)	5085	T-Open	1011
(C) First Final Flow Pressure	49	PSI	Recorder No.	24174	T-Pulled	1411
(D) Initial Shut-in Pressure	1654	PSI	(depth)	5150	T-Out	1615
(E) Second Initial Flow Pressure	61	PSI	Recorder No.			
(F) Second Final Flow Pressure	85	PSI	(depth)			
(G) Final Shut-in Pressure	1571	PSI	Initial Opening	415	Test	800
(H) Final Hydrostatic Mud	2484	PSI	Initial Shut-in	60	Jars	

Final Flow	60	Safety Joint	X 50
Final Shut-in	75	Straddle	
84.5 stw		Circ. Sub	
		Sampler	
		Extra Packer	
		Elect. Rec.	
		Other	

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 Brad Rine
Our Representative Paul Simosun

TOTAL PRICE \$ 850

TRILOBITE TESTING L.L.C.

OPERATOR : Vincent Oil Corporation
WELL NAME: Nichols #1-20
LOCATION : 20-29s-18w Kiowa co KS
INTERVAL : 3334.00 To 3358.00 ft

DATE 4-4-99
KB 2238.00 ft TICKET NO: 11403 DST #2
GR 2233.00 ft FORMATION: Simpson-Arbuckle
TD 3358.00 ft TEST TYPE: CONV

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	13788	13788	10248			PF Fr. 0152 to 0222 hr
SI 60 Range(Psi)	4650.0	4650.0	4400.0	0.0	0.0	IS Fr. 0222 to 0322 hr
SF 45 Clock(hrs)	12	12	12			SF Fr. 0322 to 0407 hr
FS 75 Depth(ft)	5350.0	5350.0	5355.0	0.0	0.0	FS Fr. 0407 to 0522 hr

	Field	1	2	3	4	
A. Init Hydro	2631.0	2577.0	0.0	0.0	0.0	T STARTED 2310 hr
B. First Flow	88.0	68.0	0.0	0.0	0.0	T ON BOTM 0145 hr
B1. Final Flow	564.0	533.0	0.0	0.0	0.0	T OPEN 0152 hr
C. In Shut-in	1816.0	1776.0	0.0	0.0	0.0	T PULLED 0525 hr
D. Init Flow	537.0	557.0	0.0	0.0	0.0	T OUT 0855 hr
E. Final Flow	1076.0	1032.0	0.0	0.0	0.0	
F. Fl Shut-in	1816.0	1784.0	0.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2542.0	2549.0	0.0	0.0	0.0	Tool Wt. 2100.00 lbs
Inside/Outside	0	0	I			Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 82000.00 lbs
						Initial Str Wt 63000.00 lbs
						Unseated Str Wt 75000.00 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 0.00 ft
						D.P. Length 5315.00 ft

RECOVERY

Tot Fluid 2170.00 ft of 0.00 ft in DC and 2170.00 ft in DP
120.00 ft of Muddy water 60% water 40% mud
2050.00 ft of Salt & Sulfer water
0.00 ft of
0.00 ft of
0.00 ft of
0.00 ft of
0.00 ft of
0.00 ft of

SALINITY 88000.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

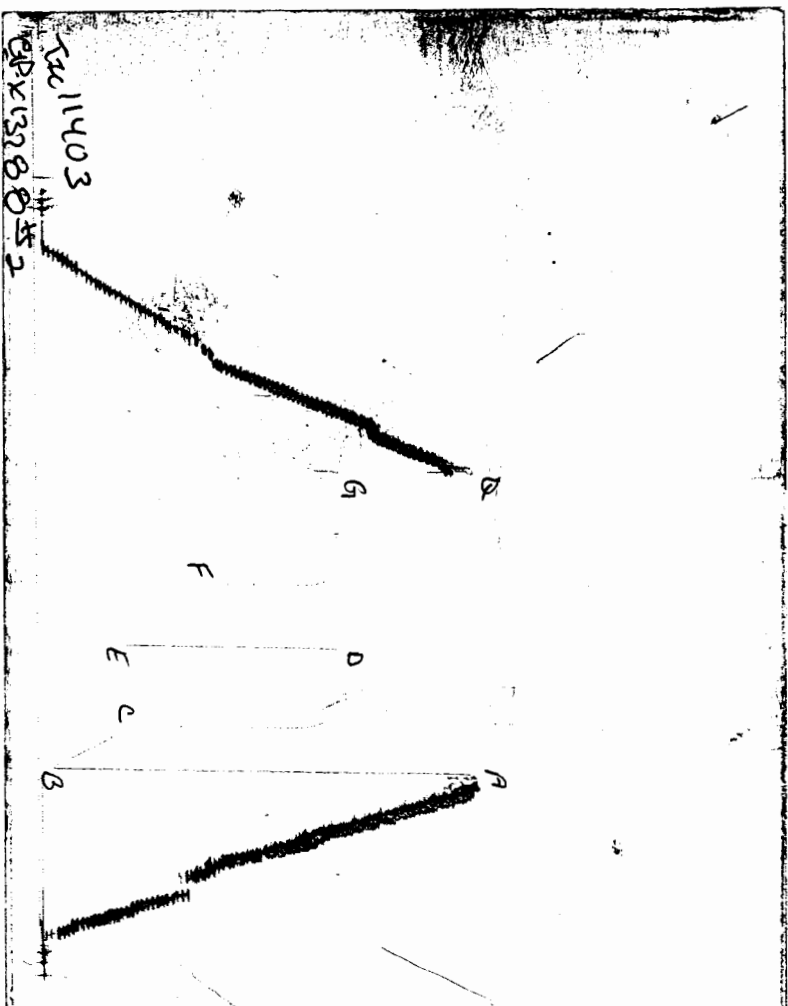
Initial Flow:
Strong blow bottom of bucket in
3 1/2 mins.
Initial Shut-in:
Weak blow 1/2"-1"
Final Flow:
Strong blow bottom of bucket in
3 1/2 mins.
Final Shut-in:
Weak blow 1/2"

SAMPLES:
SENT TO:

MUD DATA-----
Mud Type Chemical
Weight 9.20 lb/cf
Vis. 51.00 S/L
W.L. 9.10 in3
F.C. 0.00 in
Mud Drop
Amt. of fill 0.00 ft
Btm. H. Temp. 125.00 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 Gary Pevoteaux
Co. Rep. Brad Rine
Contr. Duke Drilling
Rig # 1
Unit #
Pump T.

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

No 11403

Well Name & No.	NICHOLS # 1-20	Test No.	2	Date	4-8-99
Company	JOHNT OIL CORP.	Zone Tested	SIMPSON-ARBUCKLE		
Address	125 N. MARKET STE. 1075, WICHITA KS.	Elevation	67202	KB	2038
Co. Rep / Geo.	BRAD RINE	Cont.	DUKE DRUG #1	Est. Ft. of Pay	10
Location: Sec.	20	Twp.	29 S	Rge.	18 W
No. of Copies	5	Distribution Sheet (Y, N)	N	Turnkey (Y, N)	Y
		Evaluation (Y, N)	Y		

Interval Tested 5334 - 5358' Initial Str Wt./Lbs. 63,000 Unseated Str Wt./Lbs. 75,000
Anchor Length 24' Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 82,000
Top Packer Depth 5329' Tool Weight 2,100 #
Bottom Packer Depth 5334' Hole Size — 7 7/8" ✓ Rubber Size — 6 3/4" ✓
Total Depth 5358' Wt. Pipe Run None Drill Collar Run None
Mud Wt. 9.2 LCM 2# Vis. SI WL 9.1cc Drill Pipe Size 4 1/2" X 14' Ft. Run 5315'
Blow Description IF: Strong blow. Bump of bucket in 3 1/2 mins.
FSI: Weak blow. 1 1/2 - 1"
FF: Strong blow. Bump of bucket in 3 1/2 mins. FSI: Weak blow. 2"

Recovery — Total Feet	GIP	Ft. in DC	Ft. in DP
Rec. <u>120</u> Feet Of <u>raw</u>		%gas	%oil
Rec. <u>2050</u> Feet Of <u>Salt & Suffer Water</u>		%gas	%oil
Rec. _____ Feet Of _____		%gas	%oil
Rec. _____ Feet Of _____		%gas	%oil
Rec. _____ Feet Of _____		%gas	%oil

BHT 125 °F Gravity N/A °API D@ 2 °F Corrected Gravity N/A °API
RW 0.11 @ 60 °F Chlorides 88,000 ppm Recovery Chlorides 5,000 ppm System

AK-1	Alpine	
(A) Initial Hydrostatic Mud <u>2631</u>	PSI Recorder No. <u>13788</u>	T-On Location <u>2120</u>
(B) First Initial Flow Pressure <u>88</u>	PSI (depth) <u>5350'</u>	T-Started <u>2310</u>
(C) First Final Flow Pressure <u>564</u>	PSI Recorder No. <u>10248</u>	T-Open <u>0152</u>
(D) Initial Shut-In Pressure <u>1816</u>	PSI (depth) <u>5355'</u>	T-Pulled <u>0525</u>
(E) Second Initial Flow Pressure <u>537</u>	PSI Recorder No. <u>~~~~~</u>	T-Out <u>0855</u>
(F) Second Final Flow Pressure <u>1076</u>	PSI (depth) <u>~~~~~</u>	T-Off Location <u>0955</u>
(G) Final Shut-in Pressure <u>1816</u>	PSI Initial Opening <u>30</u>	Test <u>✓ 800</u>
(Q) Final Hydrostatic Mud <u>2542</u>	PSI Initial Shut-in <u>60</u>	Jars _____
	Final Flow <u>45</u>	Safety Joint <u>✓ 50</u>
	Final Shut-in <u>75</u>	Straddle _____
		Circ. Sub _____
		Sampler _____
		Extra Packer _____
		Elec. Rec. _____
		Mileage _____
		Other _____

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Approved By Brad Rine
Our Representative Gary Parsham

TOTAL PRICE \$ ✓ 850.00