

WELL NAME: Larkin #1-13
COMPANY: Vincent Oil Corp.
LOCATION: 13-29s-19w
Kiowa co KS
DATE: 9/27/00

TRILOBITE TESTING L.L.C.

OPERATOR : Vincent Oil Corp. DATE 09-18-000
 WELL NAME: Larkin #1-13 KB 2340.00 ft TICKET NO: 12898 DST #1
 LOCATION : 13-29s-19w Kiowa co KS GR 2335.00 ft FORMATION: Emporia
 INTERVAL : 3492.00 To 3623.00 ft TD 3623.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 45	Rec.	10248	10248	2342		PF Fr. 1655 to 1740 hr
SI 60	Range(Psi)	4400.0	4400.0	4995.0	0.0	0.0 IS Fr. 1740 to 1840 hr
SF 45	Clock(hrs)	12 hr	12 hr	batt.		SF Fr. 1840 to 1925 hr
FS 60	Depth(ft)	3620.0	3620.0	3503.0	0.0	0.0 FS Fr. 1925 to 2025 hr

	Field	1	2	3	4	
A. Init Hydro	1668.0	1660.0	1598.0	0.0	0.0	T STARTED 1501 hr
B. First Flow	339.0	316.0	317.0	0.0	0.0	T ON BOTM 1650 hr
B1. Final Flow	533.0	522.0	491.0	0.0	0.0	T OPEN 1655 hr
C. In Shut-in	1117.0	1146.0	1084.0	0.0	0.0	T PULLED 2025 hr
D. Init Flow	539.0	560.0	495.0	0.0	0.0	T OUT 2315 hr
E. Final Flow	681.0	660.0	620.0	0.0	0.0	
F. Fl Shut-in	1113.0	1110.0	1078.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	1668.0	1632.0	1595.0	0.0	0.0	Tool Wt. 2100.00 lbs
Inside/Outside	0	0	I	T		Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 76000.00 lbs
						Initial Str Wt 53000.00 lbs
						Unseated Str Wt 60000.00 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 180.00 ft
						D.P. Length 3297.00 ft

RECOVERY

Tot Fluid 1220.00 ft of 180.00 ft in DC and 1040.00 ft in DP
 732.00 ft of Drilling mud
 0.00 ft of 100% mud
 244.00 ft of Muddy water
 0.00 ft of 67% water 33% mud
 244.00 ft of Slightly gas cut muddy water
 0.00 ft of 2% gas 88% water 10% mud
 0.00 ft of Rw .094 ohms @ 70 degrees F.
 0.00 ft of EST.FT. of PAY-----5
 SALINITY 84000.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow:
 Fair to strong blow off bottom in 10 seconds.
 Initial Shut-In:
 No blow.
 Final Flow:
 Fair to strong blow bottom of bucket in 5 minutes.
 Final Shut-In:
 No blow.

SAMPLES: none
 SENT TO:Caraway/Liberal

MUD DATA-----
 Mud Type Chemical
 Weight 8.80 lb/c
 Vis. 38.00 S/L
 W.L. 12.00 in3
 F.C. 0.20 in
 Mud Drop N
 Amt. of fill 26.00 ft
 Btm. H. Temp. 102.00 F
 Hole Condition POOR
 % Porosity 16.00
 Packer Size 6.75 in
 No. of Packers 2
 Cushion Amt. 0.00 N
 Cushion Type None
 Reversed Out N
 Tool Chased Y 26.00 ft
 Tester Gary Pevoteaux
 Co. Rep. Tyler Sanders
 Contr. Mallard JV
 Rig # 1
 Unit #
 Pump T. LCM 0 #/bl

Test Successful: Y

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: Larkin #1-13	H P.O. SUB	
	H C.O. SUB @ top of tool	3470
LOCATION : 13-29s-19w Kiowa co KS	H S.I. TOOL Sterling	3476
TICKET No. 12898 D.S.T. No. 1 DATE 09-18-000	H	
TOTAL TOOL TO BOTTOM OF TOP PACKERS 22	H	
INTERVAL TOOL	H HMV Sterling	3481
BOTTOM PACKERS AND ANCHOR 35	H JARS none	
TOTAL TOOL 57	H	
DRILL COLLAR ANCHOR IN INTERVAL	H	
D.C. ANCHOR STND.Stands Single Total	H	
D.P. ANCHOR STND.Stands 1 Single 1 Total 96	H SAFETY JOINT bowen	3483
TOTAL ASSEMBLY 153	H	
D.C. ABOVE TOOLS.Stands3 Single Total 180	■ PACKER Top	3487
D.P. ABOVE TOOLS.Stands53 Single Total 3297	■ PACKER Btm.	3492
TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 3630	H DEPTH 3492	
	H 1 ft.	3493
TOTAL DEPTH 3623	H ANCHOR	
TOTAL DRILL PIPE ABOVE K.B. 7	H 5'perfs & sub to	3498
REMARKS:	H Alpine rec. @ 3503	
Comments:26+ of solid fill on btm! Slid tool	H	
24 - 26 ft. throughout both flow periods!	H	
	H	
FLUID SAMPLER DATA (not run)	H	
GAS-----	H	
OIL----- ML.	H	
MUD----- ML.	H	
WATER----- ML.	H 1 1/2 stds pipe to	3594
OTHER-----	H	
PRESSURE----- PSI	H	
Rw ----- ohms @ deg. F.	H 24'perfs & sub to	3618
CHLORIDES----- ppm.	H	
GRAVITY----- n/a deg.API	H	
	H AK-1 rec. @ 3620	
	H	
	H BULLNOSE 5 ft. perforated	3623
	└ T.D.	

TEST HISTORY

12898 DST#1 LARKIN #1-13 VINCENT OIL CORP.

Flag Points
t(Min.) P(PSig)

R:	0.00	1598.06
B:	0.00	316.90
C:	41.00	490.63
D:	60.50	1083.67
E:	0.00	495.42
F:	45.00	619.80
G:	60.50	1077.62
Q:	0.00	1594.96

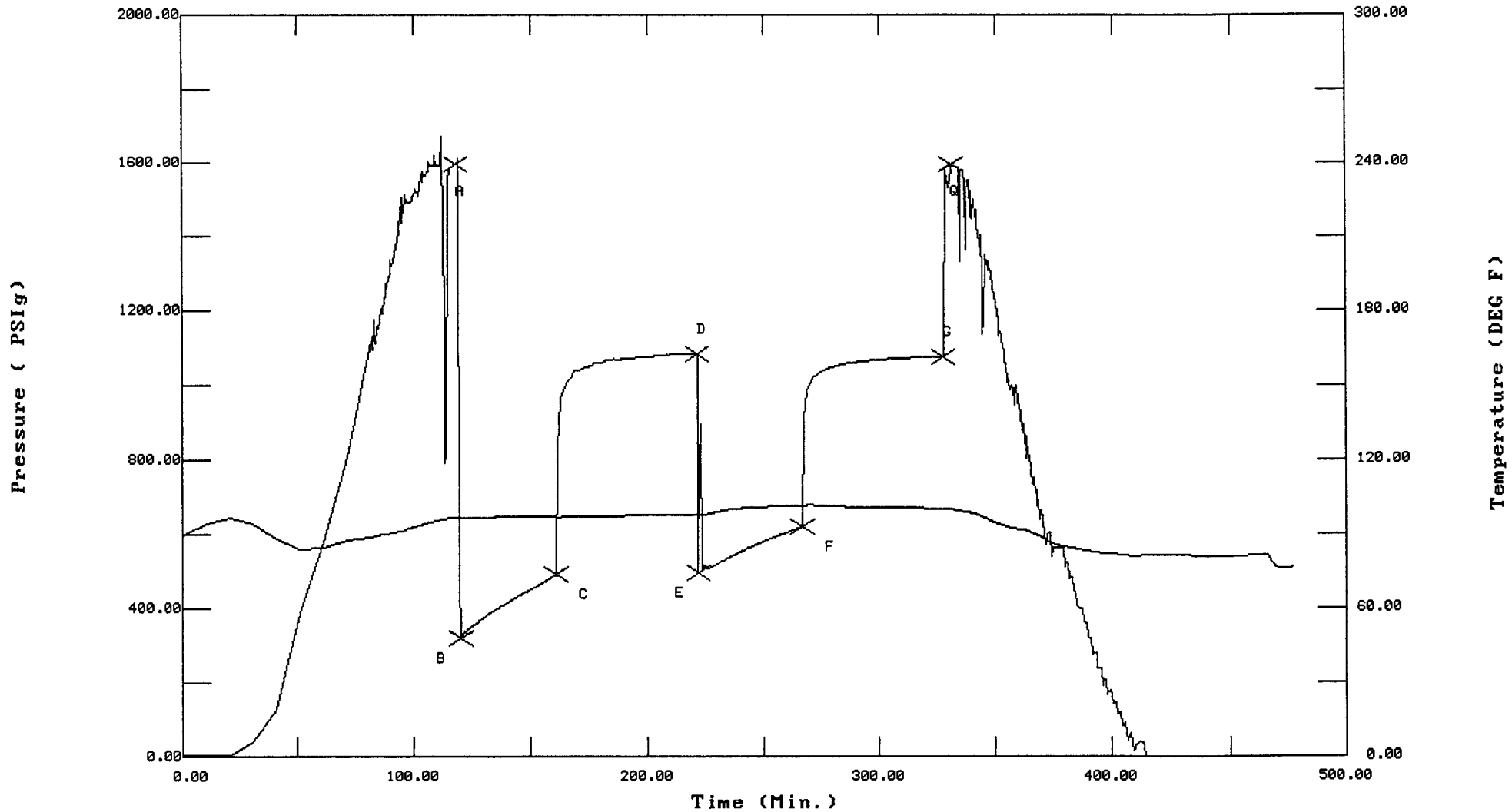
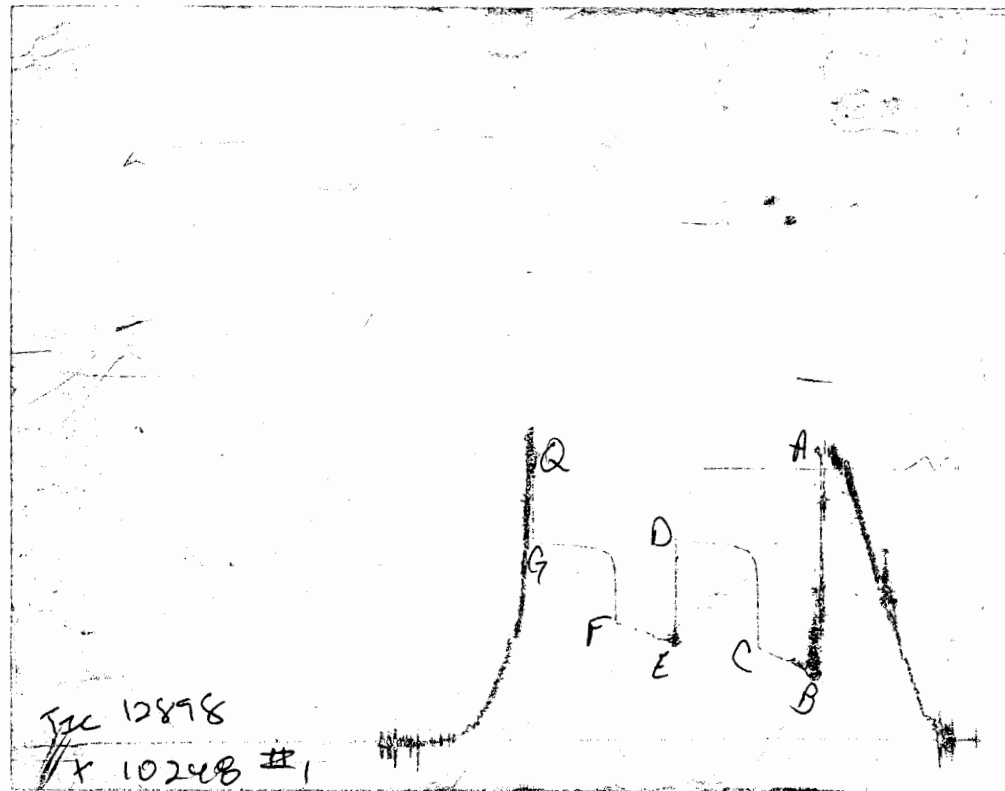


CHART PAGE



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

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

No 12898

Test Ticket

Well Name & No. <u>LARKIN #1-13</u>	Test No. <u>1</u>	Date <u>9-18-2000</u>
Company <u>VINCENT OIL Corp</u>	Zone Tested <u>Emporia</u>	
Address <u>125 N. MARKET STE. 1075, WICHITA, KS</u>	Elevation <u>2340</u>	KB <u>2335</u> GL
Co. Rep/Geo. <u>Tyler SANDERS</u>	Cont. <u>MALLARD</u> #1	Est. Ft. of Pay <u>5</u> Por. <u> </u> %
Location: Sec. <u>15</u>	Twp. <u>29S</u>	Rge. <u>19W</u> Co. <u>KIOWA</u> State <u>KS</u>
No. of Copies <u>5</u>	Distribution Sheet (Y, N) <u>N</u>	Turnkey (Y, N) <u> </u> Evaluation (Y, N) <u> </u>

Interval Tested <u>3492 - 3623</u>	Initial Str Wt./Lbs. <u>53000</u>	Unseated Str Wt./Lbs. <u>60000</u>
Anchor Length <u>131</u>	Wt. Set Lbs. <u>29,000</u>	Wt. Pulled Loose/Lbs. <u>76,000</u>
Top Packer Depth <u>3487</u>	Tool Weight <u>2,100</u>	
Bottom Packer Depth <u>3492</u>	Hole Size — 7 7/8" <input checked="" type="checkbox"/>	Rubber Size — 6 3/4" <input checked="" type="checkbox"/>
Total Depth <u>3623</u>	Wt. Pipe Run <u>0</u>	Drill Collar Run <u>180</u>
Mud Wt. <u>8.8</u> LCM <u>N/A</u> Vis. <u>38</u> WL <u>12.0</u>	Drill Pipe Size <u>4 1/2 XH</u>	Ft. Run <u>3297</u>

Blow Description IF: FAIR to STRONG BLOW, off bottom 10secs.
ISI: No blow. FF: FAIR TO STRONG BLOW. B.O.B. IN 5 MINS.
FSI: NO BLOW COMMENT: 26+ FT. OF SOLID FILL ON BTM!
SLID TOOL 24-26 FT. THROUGHOUT BOTH FLOW PERIODS!

Recovery — Total Feet <u>1220</u>	GIP <u>True</u>	Ft. in DC <u>180</u>	Ft. in DP <u>1040</u>
Rec. <u>732</u> Feet Of <u>Drig. Mud.</u>	%gas	%oil	%water %mud
Rec. <u>244</u> Feet Of <u>MW</u>	%gas	%oil <u>67</u>	%water <u>33</u> %mud
Rec. <u>244</u> Feet Of <u>SGCMW</u>	%gas	%oil <u>88</u>	%water <u>10</u> %mud
Rec. <u> </u> Feet Of <u> </u>	%gas	%oil	%water %mud
Rec. <u>20</u> Feet Of <u> </u>	%gas	%oil	%water %mud
BHT <u>102</u> °F Gravity <u>N/A</u>	°API @ <u> </u>	°F Corrected Gravity <u>N/A</u>	°API
RW <u>.094</u> @ <u>70</u> °F	Chlorides <u>84,000</u> ppm	Recovery Chlorides <u>7,000</u> ppm	System

	AK-1	Alpine	PSI	Recorder No.	T-On Location
(A) Initial Hydrostatic Mud	<u>1668</u>	<u>1598</u>		<u>2342</u>	<u>1340</u>
(B) First Initial Flow Pressure	<u>339</u>	<u>317</u>		(depth) <u>3503'</u>	T-Started <u>1501</u>
(C) First Final Flow Pressure	<u>533</u>	<u>491</u>		Recorder No. <u>10248</u>	T-Open <u>1655</u>
(D) Initial Shut-In Pressure	<u>1117</u>	<u>1084</u>		(depth) <u>3620'</u>	T-Pulled <u>2020</u>
(E) Second Initial Flow Pressure	<u>537</u>	<u>495</u>		Recorder No. <u> </u>	T-Out <u>2315</u>
(F) Second Final Flow Pressure	<u>681</u>	<u>620</u>		(depth) <u> </u>	T-Off Location <u>0030</u>
(G) Final Shut-in Pressure	<u>1113</u>	<u>1078</u>		Initial Opening <u>45</u>	Test <input checked="" type="checkbox"/> <u>650</u> ⁰⁰
(Q) Final Hydrostatic Mud	<u>1668</u>	<u>1593</u>		Initial Shut-in <u>60</u>	Jars <u> </u>
				Final Flow <u>45</u>	Safety Joint <input checked="" type="checkbox"/> <u>50</u> ⁰⁰
				Final Shut-in <u>60</u>	Straddle <u> </u>
				<u>4</u>	Circ. Sub <u> </u>
				<u>1</u>	Sampler <u> </u>
					Extra Packer <u> </u>
					Elec. Rec. <input checked="" type="checkbox"/> <u>150</u> ⁰⁰
				1 WAY → Mileage <u>45</u>	<u>45</u> ⁰⁰
				1 NR → Other <u>34</u>	<u>30</u>
					TOTAL PRICE \$ <input checked="" type="checkbox"/> <u>925</u> ⁰⁰

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 [Signature]
 Our Representative [Signature]

TRILOBITE TESTING L.L.C.

OPERATOR : Vincent Oil Corp.

DATE 9-22-2000

WELL NAME: Larkin 1-13

KB 2340.00 ft TICKET NO: 12623 DST #2

LOCATION : 13-29s-19w Kiowa co KS

GR 2335.00 ft FORMATION: Cherokee

INTERVAL : 4950.00 To 5059.00 ft

TD 5059.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 45 Rec.	13278	13278	2357			PF Fr. 1659 to 1744 hr
SI 60 Range(Psi)	4400.0	4400.0	4995.0	0.0	0.0	IS Fr. 1744 to 1844 hr
SF 45 Clock(hrs)	12	12	Elec			SF Fr. 1844 to 1929 hr
FS 60 Depth(ft)	5026.0	5026.0	0.0	0.0	0.0	FS Fr. 1929 to 2029 hr

	Field	1	2	3	4	
A. Init Hydro	2225.0	2229.0	2554.0	0.0	0.0	T STARTED 1515 hr
B. First Flow	120.0	162.0	61.0	0.0	0.0	T ON BOTM 1656 hr
B1. Final Flow	120.0	129.0	77.0	0.0	0.0	T OPEN 1659 hr
C. In Shut-in	120.0	163.0	77.0	0.0	0.0	T PULLED 2029 hr
D. Init Flow	120.0	147.0	77.0	0.0	0.0	T OUT 2140 hr
E. Final Flow	120.0	142.0	91.0	0.0	0.0	
F. Fl Shut-in	130.0	138.0	135.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2270.0	2277.0	2543.0	0.0	0.0	Tool Wt. 2000.00 lbs
Inside/Outside	I	I	O			Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 25000.00 lbs
						Initial Str Wt 58000.00 lbs
						Unseated Str Wt 58500.00 lbs
						Bot Choke 0.00 in
						Hole Size 7.88 in
						D Col. ID 2.25 in
						D. Pipe ID 3.80 in
						D.C. Length 181.00 ft
						D.P. Length 4769.00 ft

RECOVERY

Tot Fluid 180.00 ft of 180.00 ft in DC and 0.00 ft in DP
 120.00 ft of Slightly gas cut mud
 0.00 ft of 5% gas 95% mud
 30.00 ft of Slightly oil & gas cut mud
 0.00 ft of 20% gas 10% oil 70% mud
 30.00 ft of Slightly oil cut mud
 0.00 ft of 5% gas 15% oil 80% mud
 0.00 ft of
 0.00 ft of
 SALINITY 9200.00 P.P.M. A.P.I. Gravity 0.00

MUD DATA-----

Mud Type	Chemical
Weight	9.50 lb/c
Vis.	49.00 S/L
W.L.	12.20 in3
F.C.	0.00 in
Mud Drop	

BLOW DESCRIPTION

Initial Flow:

1 minute

Initial Shut-In:

Blow died in 10 minutes with no returns.

Final Flow:

Weak blow with very little build 5" in bucket.

Final Shut-In:

Blow died with no returns

SAMPLES:

SENT TO:

Amt. of fill	0.00 ft
Btm. H. Temp.	0.00 F
Hole Condition	very good
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out	
Tool Chased	
Tester	Rodger Mounts
Co. Rep.	Tyler Sanders
Contr.	Mallard
Rig #	1
Unit #	17
Pump T.	

Test Successful: Y

TEST HISTORY

Tk# 12623 Dst #2 Larkin # 1-13 Vincent Oil Co.

Flag Points

	t (Min.)	P (PSIg)
A:	0.00	2553.94
B:	0.00	60.67
C:	43.50	76.75
D:	64.50	76.95
E:	0.00	76.95
F:	43.00	86.28
G:	60.00	135.03
Q:	0.00	2543.30

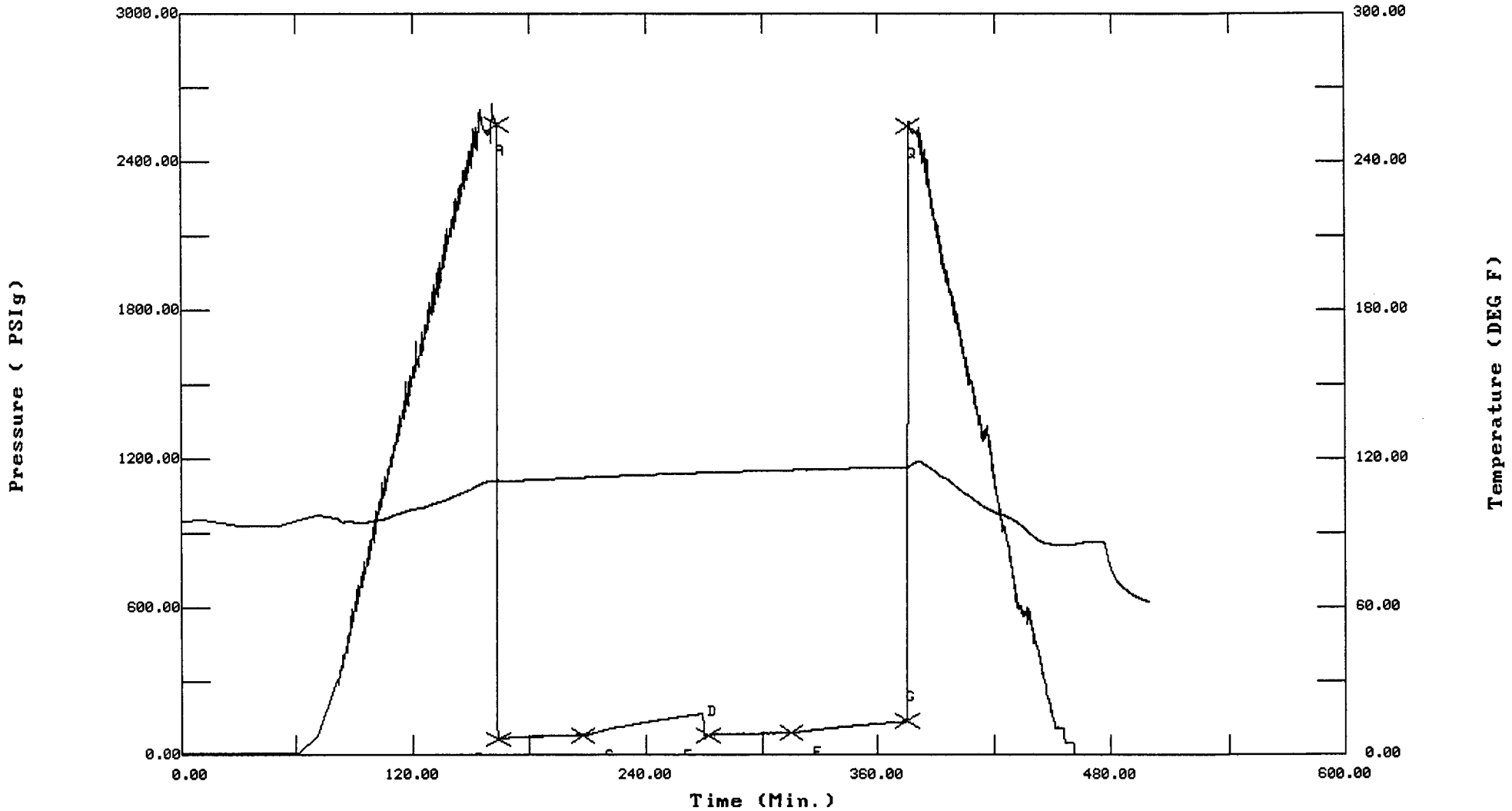
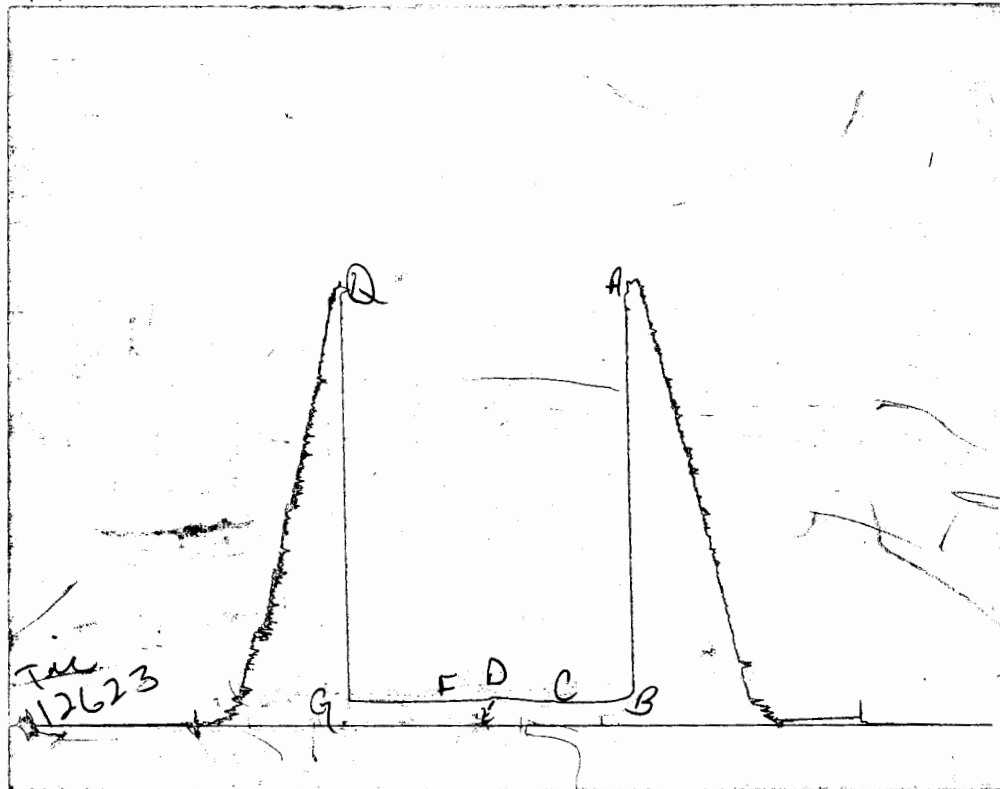


CHART PAGE



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TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

N^o 12623

Well Name & No. <u>LARKIN # 1-13</u>	Test No. <u>2</u>	Date <u>9-22-2000</u>
Company <u>VINCENT OIL CORP.</u>	Zone Tested <u>Cherokee</u>	
Address <u>125 N. MARKET STE 1075</u>	Elevation <u>2340</u> KB <u>235</u> GL	
Co. Rep / Geo. <u>Tyler Sanders</u>	Cont. <u>MALLARD</u>	Est. Ft. of Pay <u> </u> Por. <u> </u> %
Location: Sec. <u>13</u>	Twp. <u>29S</u>	Rge. <u>19W</u> Co. <u>KIOWA</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>4950 - 5059</u>	Initial Str Wt./Lbs. <u>58000</u>	Unseated Str Wt./Lbs. <u> </u>
Anchor Length <u>109</u>	Wt. Set Lbs. <u>20000</u>	Wt. Pulled Loose/Lbs. <u> </u>
Top Packer Depth <u>4945</u>	Tool Weight <u>2000</u>	
Bottom Packer Depth <u>4950</u>	Hole Size — 7 7/8" <input checked="" type="checkbox"/>	Rubber Size — 6 3/4" <u> </u>
Total Depth <u>5059</u>	Wt. Pipe Run <u> </u>	Drill Collar Run <u>181</u>
Mud Wt. <u>9.5</u> LCM <u>FR</u> Vis. <u>49</u> WL <u>12.2</u>	Drill Pipe Size <u>4 1/2 XH</u>	Ft. Run <u>4769</u>
Blow Description <u>IF strong blow bottom of bucket in 10 minute</u>		
<u>IS Blow died in 10 minutes with no returns</u>		
<u>FF very weak blow with very little blow 5" in bucket.</u>		
<u>FS Blow died with no returns</u>		

Recovery — Total Feet <u>180</u>	GIP <u>2200</u>	Ft. in DC <u>180</u>	Ft. in DP <u>0</u>
Rec. <u>120</u> Feet Of <u>56CM</u>	<u>2</u> %gas <u>0</u> %oil <u>0</u> %water <u>95</u> %mud		
Rec. <u>30</u> Feet Of <u>50&9CM</u>	<u>20</u> %gas <u>10</u> %oil <u>0</u> %water <u>70</u> %mud		
Rec. <u>30</u> Feet Of <u>50CM</u>	<u>5</u> %gas <u>15</u> %oil <u>0</u> %water <u>80</u> %mud		
Rec. <u> </u> Feet Of <u> </u>	%gas %oil %water %mud		
Rec. <u> </u> Feet Of <u> </u>	%gas %oil %water %mud		
BHT <u>118</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>9200</u>	ppm System <u> </u>	

(A) Initial Hydrostatic Mud <u>2225</u> AK-1 <u>2554</u> Alpine	PSI Recorder No. <u>13278</u>	T-On Location <u>12:45</u>
(B) First Initial Flow Pressure <u>120</u> PSI	(depth) <u>5026</u>	T-Started <u>18:15</u>
(C) First Final Flow Pressure <u>120</u> PSI	Recorder No. <u>2357</u>	T-Open <u>16:59</u>
(D) Initial Shut-In Pressure <u>120</u> PSI	(depth) <u> </u>	T-Pulled <u>20:29</u>
(E) Second Initial Flow Pressure <u>120</u> PSI	Recorder No. <u> </u>	T-Out <u>2:40</u>
(F) Second Final Flow Pressure <u>120</u> PSI	(depth) <u> </u>	T-Off Location <u> </u>
(G) Final Shut-in Pressure <u>130</u> PSI	Initial Opening <u>130</u>	Test <u>850.00</u>
(Q) Final Hydrostatic Mud <u>2270</u> PSI	Initial Shut-in <u>130</u>	Jars <u> </u>
	Final Flow <u>180</u>	Safety Joint <u>50.00</u>
	Final Shut-in <u>130</u>	Straddle <u> </u>
		Circ. Sub <u> </u>
		Sampler <u> </u>
		Extra Packer <u> </u>
		Elec. Rec. <u>150.00</u>
		Mileage <u>45.00</u>
		Other <u> </u>
		TOTAL PRICE \$ <u>1093.00</u>

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Approved By Tyler H. Sanders
Our Representative D. A. M. S.

6:25
8:55