

21-27-16W

DIAMOND TESTING

P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
STC 21098.D17

Page 1 of 14 Pages

Company Vincent Oil Corporation Lease & Well No. Clark No. 1-21

Elevation 2099KB Formation Langdon Sand Effective Pay 10 Ft. Ticket No. J1523

Date 6-28-04 Sec. 21 Twp. 27S Range 16W County Kiowa State Kansas

Test Approved By Ken LeBlanc Diamond Representative John C. Riedl

Formation Test No. 1 Interval Tested from 3,136 ft. to 3,220 ft. Total Depth 3,220 ft.

Packer Depth 3,121 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 3,126 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 3,130 ft. Recorder Number Elec. Cap. 5,000 psi

Bottom Recorder Depth (Outside) 3,217 ft. Recorder Number 13556 Cap. 5,475 psi

Below Straddle Recorder Depth ft. Recorder Number Cap. psi

Drilling Contractor Pickerell Drilling Co., Inc. - Rig 10 Drill Collar Length 120 ft. I.D. 2 1/4 in.

Mud Type Chemical Viscosity 38 Weight Pipe Length -- ft. I.D. -- in.

Weight 8.9 Water Loss 25.0+ cc. Drill Pipe Length 2,994 ft. I.D. 3 1/2 in.

Chlorides 30,000 P.P.M. Test Tool Length 22 ft. Tool Size 3 1/2 - IF in.

Jars: Make Bowen Serial Number Not Run Anchor Length 84 ft. Size 4 1/2 - FH in.

Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 - XH in.

Blow: 1st Open: Strong blow. Off bottom of bucket in 1 min. Gas to surface in 2 mins on 1st shut-in. Strong blow back.
2nd Open: Strong blow. Off bottom of bucket immediately. Gas to surface throughout. (SEE GAS VOLUME REPORT)

Recovered 910 ft. of gassy water = 11.808400 bbls. (Grind out: 15%-gas; 85%-water)

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks

Time Set Packer(s) 1:03 ~~P.M.~~ ^{A.M.} Time Started Off Bottom 4:48 ~~P.M.~~ ^{A.M.} Maximum Temperature 109°

Initial Hydrostatic Pressure (A) 1626 P.S.I.

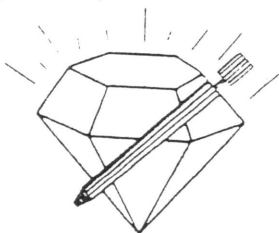
Initial Flow Period Minutes 30 (B) 96 P.S.I. to (C) 327 P.S.I.

Initial Closed In Period Minutes 45 (D) 1270 P.S.I.

Final Flow Period Minutes 60 (E) 396 P.S.I. to (F) 634 P.S.I.

Final Closed In Period Minutes 90 (G) 1109 P.S.I.

Final Hydrostatic Pressure (H) 1461 P.S.I.



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FLUID SAMPLE DATA

Company Vincent Oil Corporation
Lease & Well No. Clark No. 1-21
Date 6-28-04 Sec. 21 Twp. 27 S Range 16 W
Formation Test No. 1 Interval Tested From 3,316 ft. to 3,220 ft. Total Depth 3,220 ft.
Formation Langdon Sand

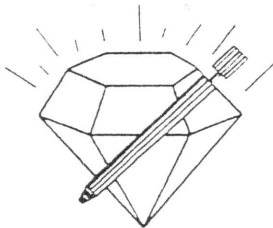
	MUD PIT	RECOVERY
Viscosity	<u>38</u> CP	<u>--</u> CP
Weight	<u>8.9</u>	<u>--</u>
Water Loss	<u>25.0+</u> CC	<u>--</u> CC
PH Factor	<u>8.0</u>	<u>--</u>

	RESISTIVITY	CHLORIDE CONTENT
Recovery Water	<u>.07</u> @ <u>88</u> °F.	<u>91,000</u> ppm
Recovery Mud	<u>--</u> @ <u>--</u> °F.	<u>--</u> ppm
Recovery Mud Filtrate	<u>--</u> @ <u>--</u> °F.	<u>--</u> ppm
Mud Pit Sample	<u>.22</u> @ <u>72</u> °F.	<u>28,000</u> ppm
Mud Pit Sample Filtrate	<u>.21</u> @ <u>68</u> °F.	<u>31,000</u> ppm

Sample Taken By JOHN C. RIEDL

Witness By Ken LeBlanc

Remarks Pit filtrate triton dish chlorides were 30,000 Ppm
Recovery water dish chlorides were 93,000 Ppm



DIAMOND TESTING
P. O. Box 157
HOISINGTON, KANSAS 67544
(316) 653-7550
GAS VOLUME REPORT

Page 3 of 14 Pages

Company Vincent Oil Corporation Lease & Well No. Clark No. 1-21
Date Sec. 21 Twp. 27 S Rge. 16 W Location SW SW SW County Kiowa State KS
Drilling Contractor Pickerell Drilling Co., Inc. - Rig 10 Formation Langdon Sand DST No. 1
Remarks: Gas to surface during first shut-in. Gas sample taken. Gas did burn. Water & mud mist
to surface 40 mins. into flow causing surging action on gauge going from 0 to 5 to 15 PSI.

INITIAL FLOW

Time O'Clock	Orifice Size	Gauge	CF/D
	in.	in.	
	in.	in.	
	in.	in.	
	in.	in.	
	in.	in.	
	in.	in.	
	in.	in.	
	in.	in.	
	in.	in.	
	in.	in.	

FINAL FLOW

Open Tool: 2:18 a.m.

Time O'Clock	Orifice Size	Gauge	MCF/D
2:28 a.m.	1 in.	32 in.	146
2:38 a.m.	1 in.	12 in.	90
2:48 a.m.	1 in.	14 in.	97
2:58 a.m.	1 in.	5 psi.	319
3:08 a.m.	1 in.	5 psi.	319
3:18 a.m.	1 in.	15 psi.	603

GENERAL INFORMATION

Client Information:

Company: VINCENT OIL CORPORATION

Contact: RICK A. HIEBSCH

Phone: Fax: e-mail:

Site Information:

Contact: KENT LEBLANC

Phone: Fax: e-mail:

Well Information:

Name: CLARK #1-21

Operator: VINCENT OIL CORPORATION

Location-Downhole: DST #1 LANGDON SAND 3,136'-3,220'

Location-Surface: SEC 21-27S-16W KIOWA COUNTY

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: KEN LEBLANC

Test Type: CONVENTIONAL Job Number:

Test Unit: NO 2

Start Date: 2004/06/28 Start Time: 23:30:00

End Date: 2004/06/29 End Time: 07:15:00

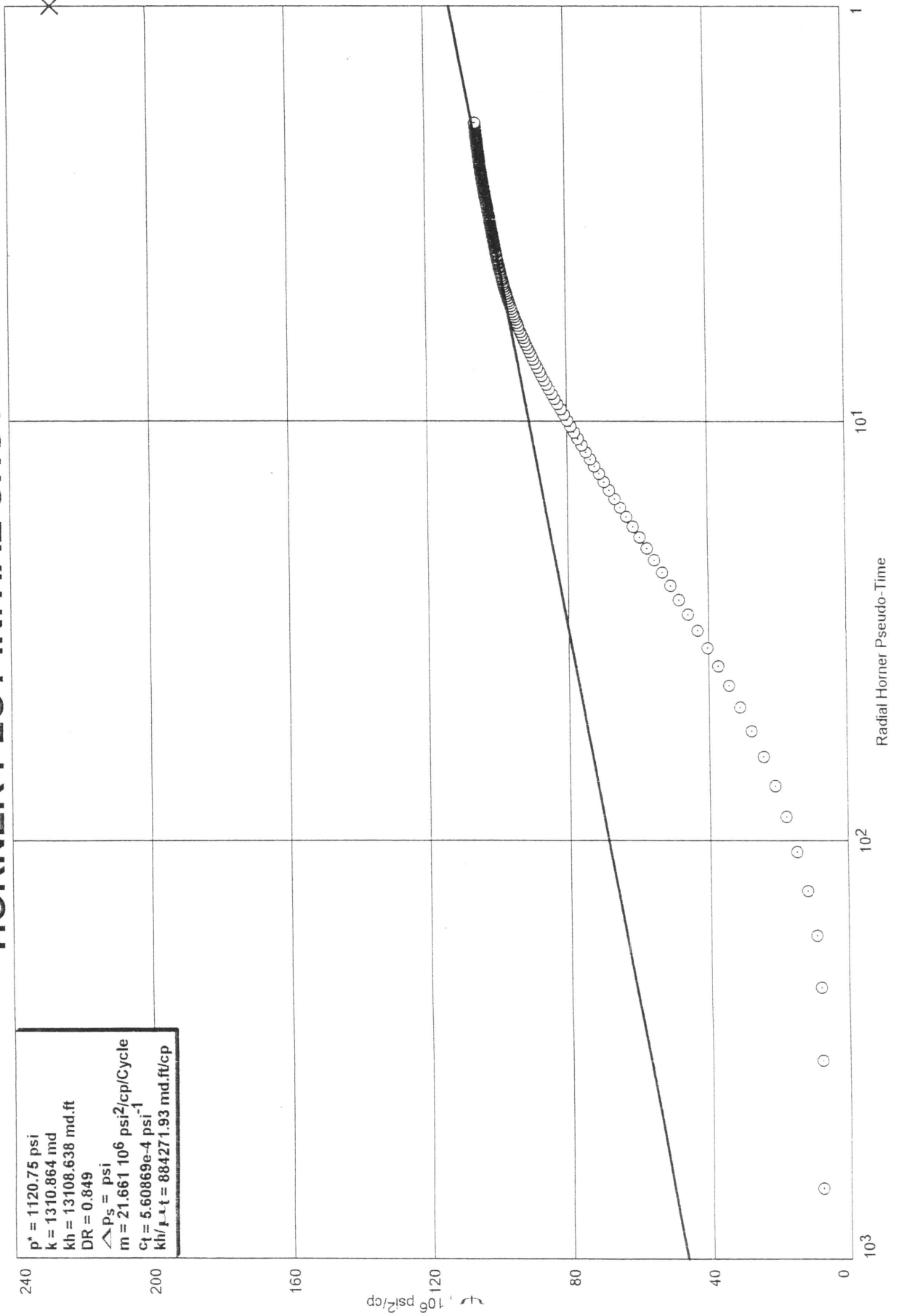
Report Date: Prepared By:

Remarks: Qualified By:

RECOVERED 910 GASSY WATER (15%GAS, 85% WATER)
GTS ON FIRST SHUT-IN. FLOW RATES SURGING WITH SALTWATER
10 MIN. 146,000, 20 MIN. 90,000, 30 MIN. 97,000, 40 MIN. 319,000
50 MIN. 319,000, 60 MIN 603,000.

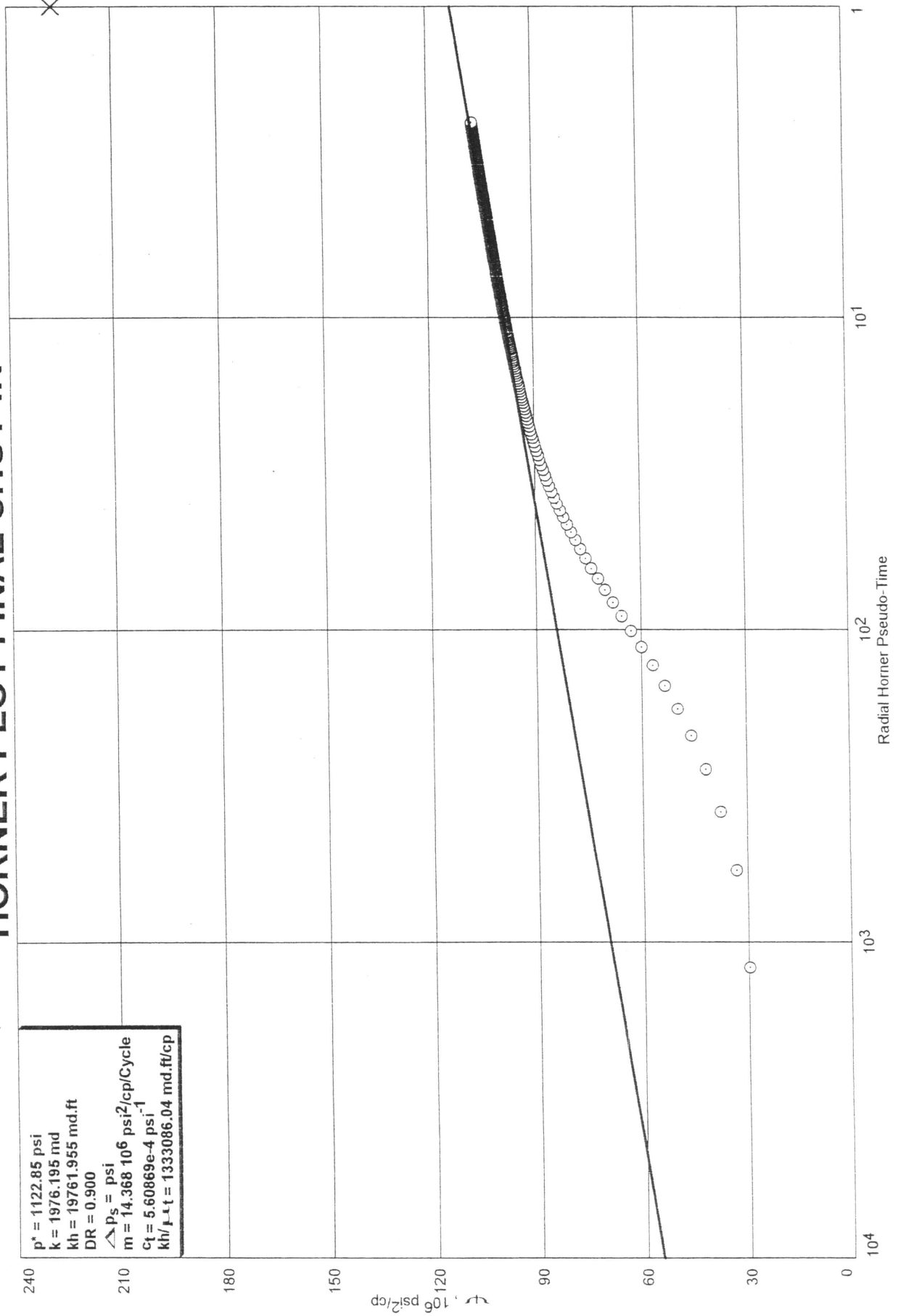
VINCENT OIL CORPORATION
CLARK #1-21
DST #1 LANGDON SAND
3,136'-3220'

HORNER PLOT INITIAL SHUT-IN



VINCENT OIL CORPORATION
CLARK #1-21
DST #1 LANGDON SAND
3,136'-3220'

HORNER PLOT FINAL SHUT-IN



Vincent Oil Co.
Clark #1-21, Dst #1

Comments relative to analysis of the drill stem test which was run in the Langdon Sand by Diamond Testing.

This analysis is based upon the gas recovery and equations applicable to gas recovery tests, radial flow and derivative analysis techniques. It has been assumed for purposes of this analysis, that the tested reservoir system consisted of a single porosity zone 10 feet in thickness with an average porosity of 15 percent. A vertical gas-well model was used for type-curve matching and non-linear regression analysis. Changes in water production could significant effect the results of this analysis.

The semi-log plots indicate a maximum initial reservoir pressure of 1124 psi and a maximum final reservoir pressure of 1129 psi which is equivalent to a subsurface pressure gradient of 0.0.361 psi/ft at gauge depth.

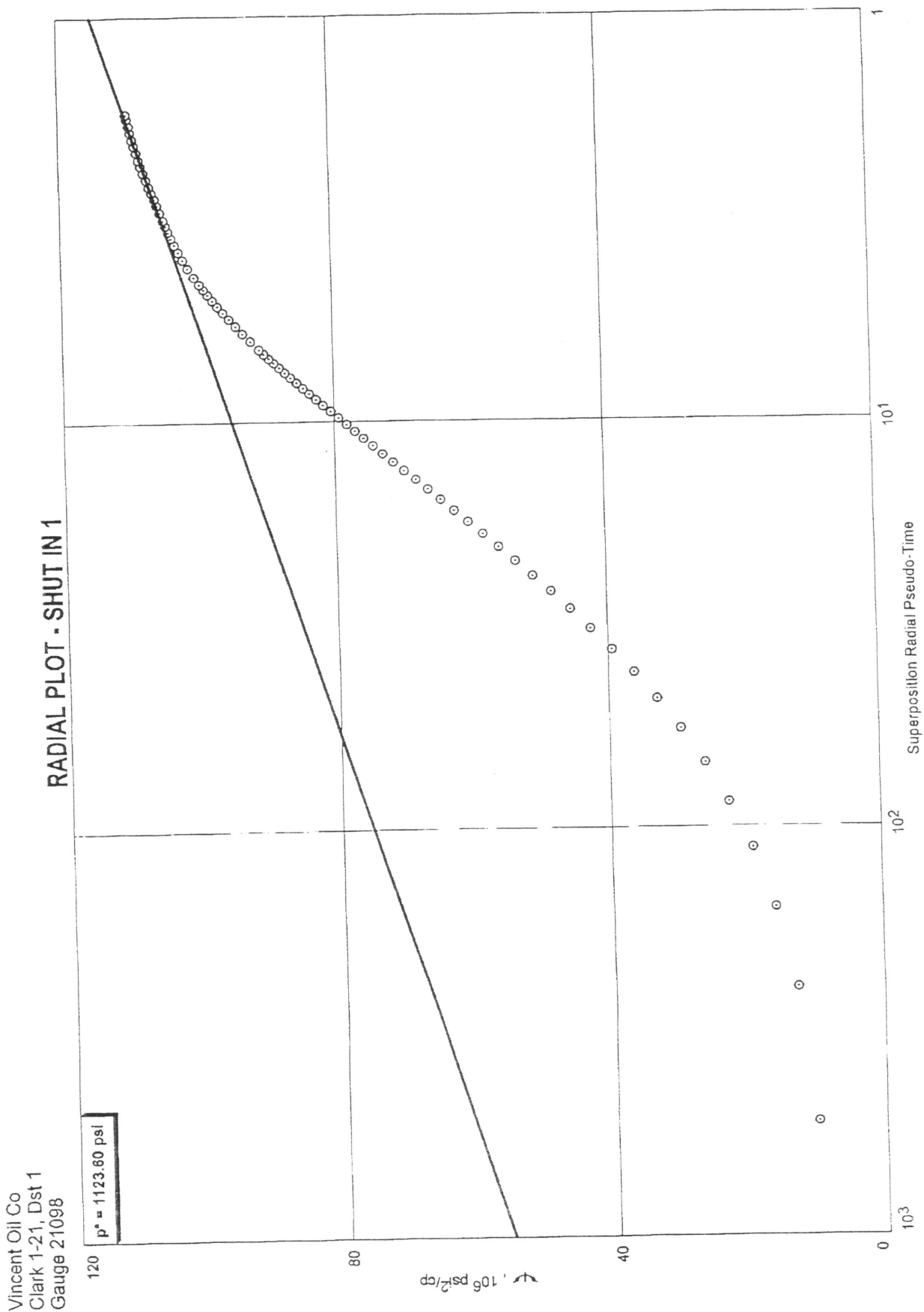
The Average Production Rate that was used in this analysis is an average of the gas flow rates which was gauged during the final flowing period.

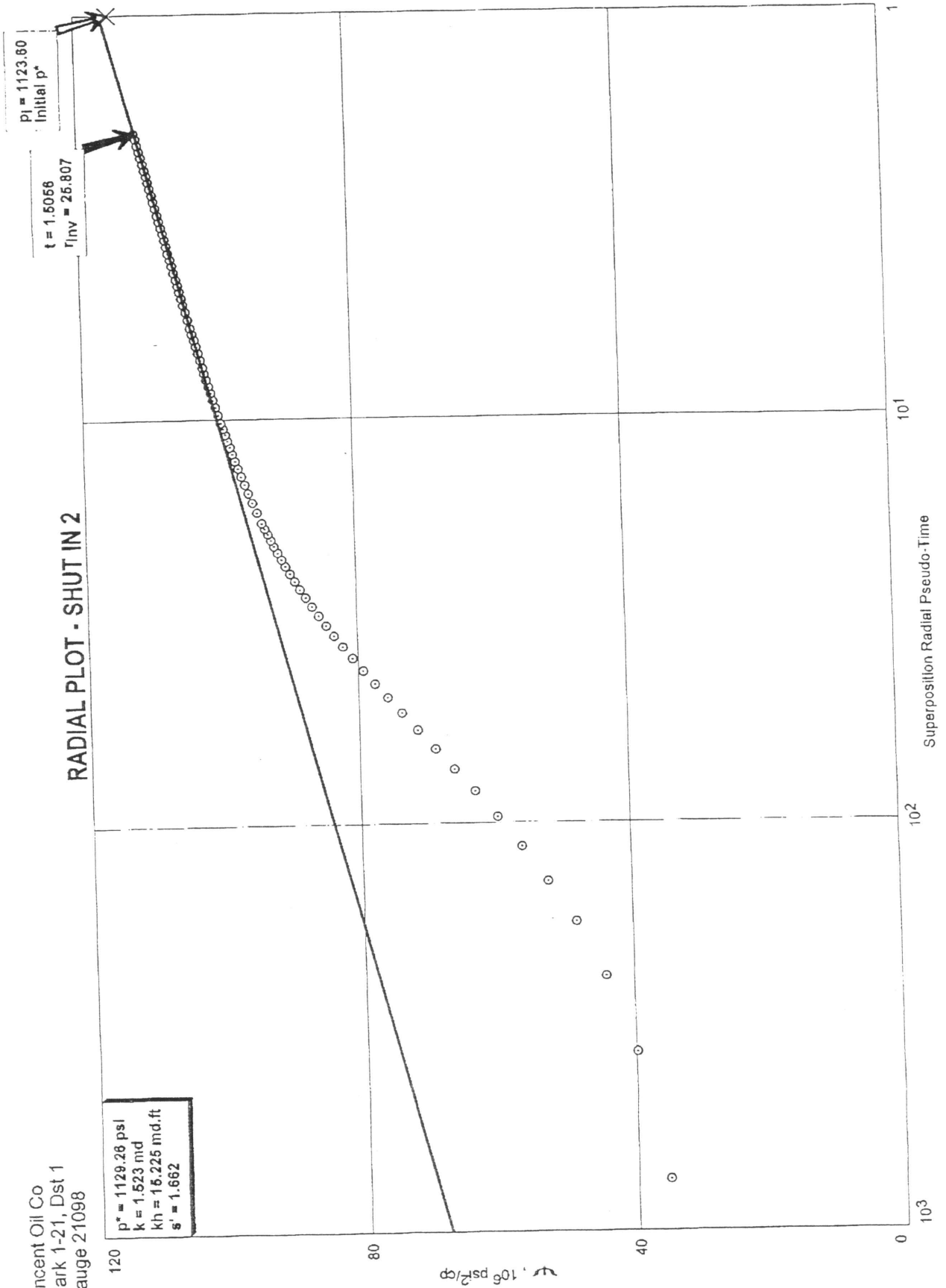
The calculated Skin Factors indicate only slight well-bore damage was present at the time of this formation test.

The evaluation criteria used in the drill stem test analysis system indicate this is a good mechanical test and the results obtained in this analysis should be reliable within reasonable limits relative to the assumptions which have been made.

Michael Hudson
Analyst
(928) 505-8389



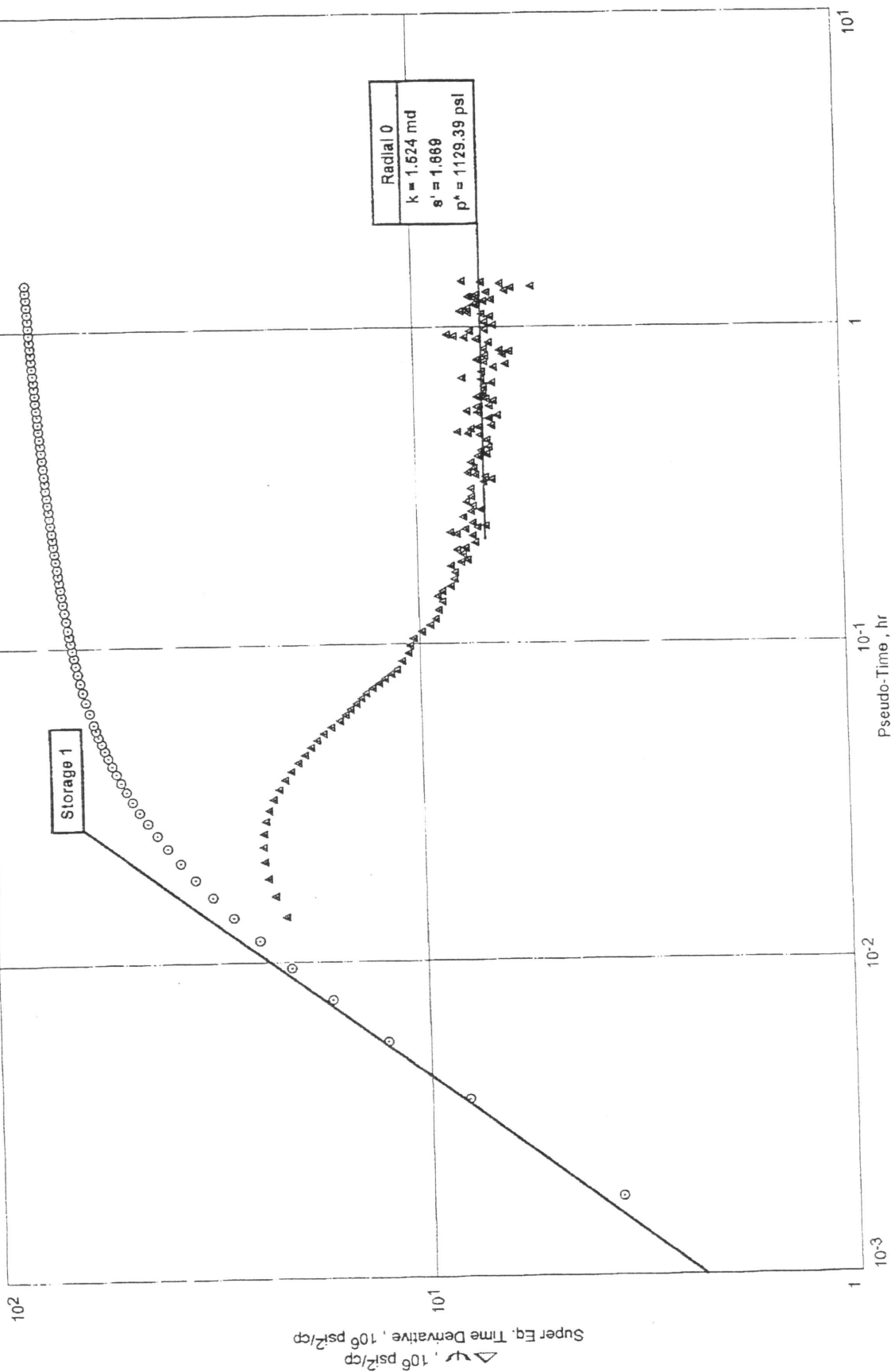




Vincent Oil Co
Clark 1-21, Dst 1
Gauge 21098

Vincent Oil Co
Clark 1-21, Dst 1
Gauge 21098

DERIVATIVE PLOT - SHUT IN 2



Gas Well Test - Buildup

Radial Flow Analysis

Vincent Oil Co
Clark 1-21, Dst 1
Gauge 21098

Analysis Results

Total Sandface Rate (q_{tBf})	754.659 bbl/d	Apparent Skin (s')	1.662
Semilog Slope (m)	16.007	Skin - Damage	1.662
Gas Permeability (k_g)	1.523 md	Pressure Drop Due to Skin (Δp_s)	185.02 psi
Water Permeability (k_w)	23.165 md	Damage Ratio (DR)	1.384
Flow Capacity (kh)	15.225 md.ft	Flow Efficiency (FE)	0.722
Total Mobility (k/μ_t)	153.19 md/cp		
Total Transmissivity (kh/ μ_t)	1531.94 md.ft/cp		

Reservoir Parameters

Net Pay (h)	10.000 ft
Total Porosity (ϕ_t)	15.00 %
Water Saturation (S_w)	20.00 %
Oil Saturation (S_o)	0.00 %
Gas Saturation (S_g)	80.00 %
Wellbore Radius (r_w)	0.33 ft
Formation Temperature (T)	109.4 °F
Formation Compressibility (c_f)	4.109e-6 psi ⁻¹
Total Compressibility (c_t)	8.190e-4 psi ⁻¹

Pressures

Initial Pressure (p_i)	1123.60 psi
Extrapolated Pressure (p^*)	1129.26 psi
Ave. Reservoir Press	1129.25 psi
Final Flowing Pressure (p_{wfo})	586.68 psi

Production and Times

Corrected Flow Time (t_c)	1.5385 hr
Cumulative Gas Production During Test	0.017 MMCF
Final Gas Rate	0.262 MMCF/D

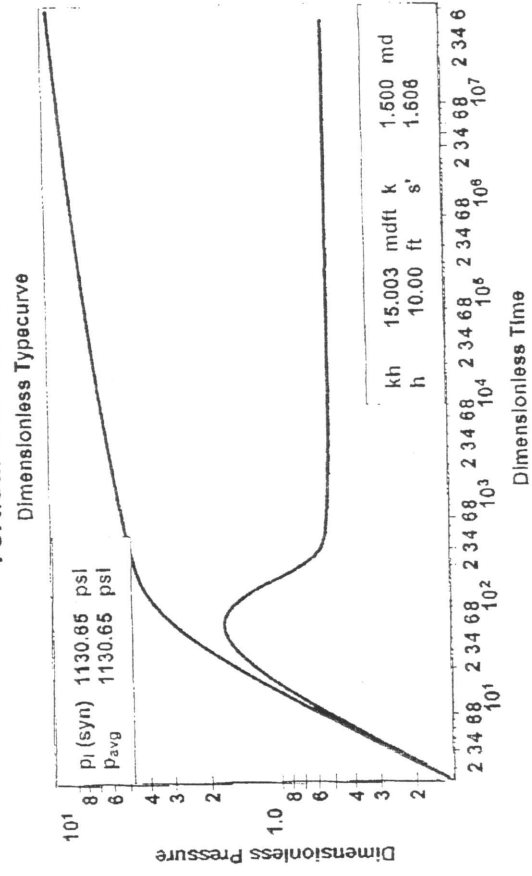
Fluid Properties

Gas Gravity (G)	0.650
N ₂	0.00 %
CO ₂	0.00 %
H ₂ S	0.00 %
Critical Pressure (P_c)	670.91 psi
Critical Temperature (T_c)	373.97 R
PVT Reference Pressure (p_{pVT})	1123.60 psi
Gas Compressibility (c_g)	1.01785e-3 psi ⁻¹
Gas Compressibility Factor (z)	0.853
Gas Viscosity (μ_g)	0.0132 cp
Gas Formation Volume Factor (B_g)	0.002168 bbl/scf

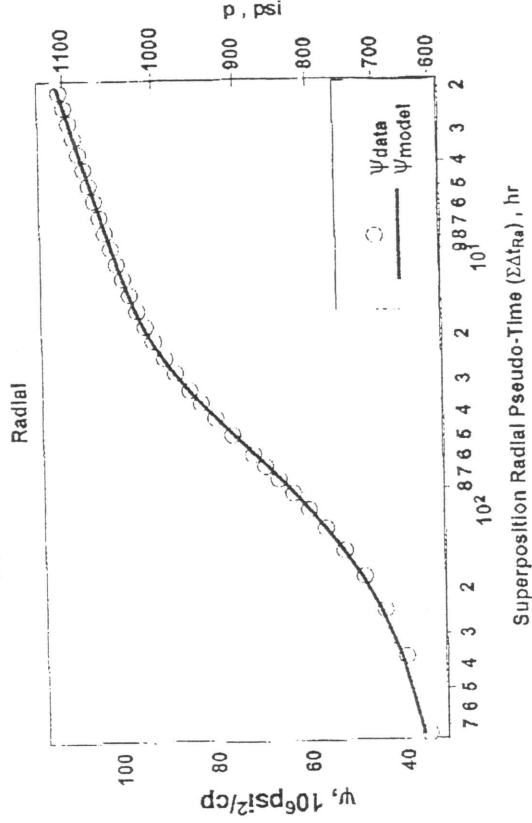
Extended Rates Calculations

Drainage Area	640.0 acres
Specified Flowing Pressure	586.68 psi
Specified Reservoir Pressure	1129.25 psi
3 - Month Constant Rate	0.163 MMCF/D
6 - Month Constant Rate	0.157 MMCF/D
Stabilized Rate @ Current Skin	0.150 MMCF/D
Stabilized Rate @ Skin of 0	0.177 MMCF/D
Stabilized Rate @ Skin of -4	0.319 MMCF/D

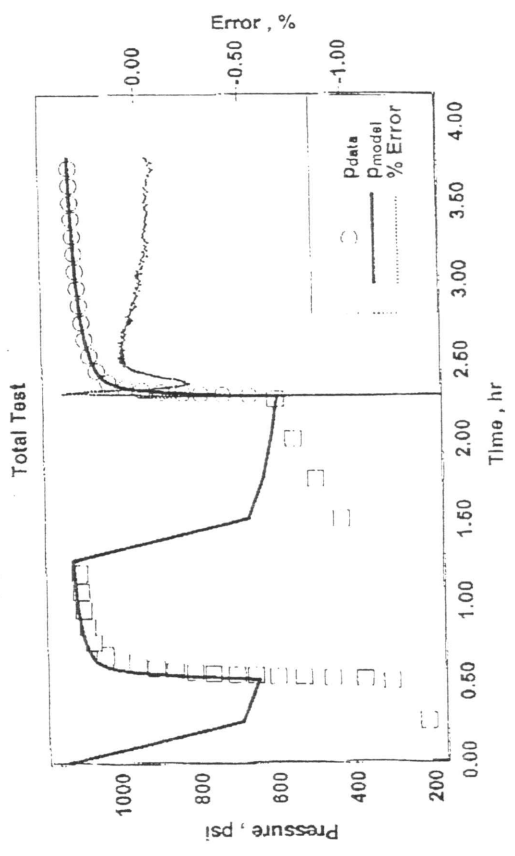
Vertical Gas-Well Model



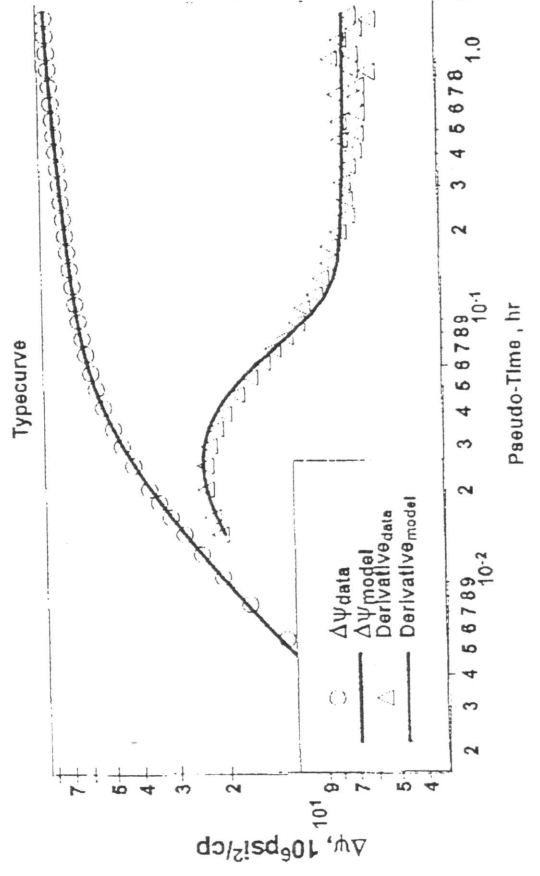
Vertical Gas-Well Model



Vertical Gas-Well Model



Vertical Gas-Well Model



Vertical Gas Well Model

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Vincent Oil Co
Clark 1-21, Dst 1
Gauge 21098

Model Parameters

Permeability (k)	1.500 md	Storage Pressure Param Dim. (C_{pD})	2.648
Apparent Wellbore Storage Dim. (C_{aD})	11.17	Skin (s)	1.606
Wellbore Storage Constant Dim. (C_D)	6.21	Turbulence Factor (D)	$0.00(\text{MMCF/D})^{-1}$

Formation Parameters

Net Pay (h)	10.000 ft
Total Porosity (ϕ_t)	15.00 %
Gas Saturation (S_g)	80.00 %
Water Saturation (S_w)	20.00 %
Oil Saturation (S_o)	0.00 %
Wellbore Radius (r_w)	0.33 ft
Formation Temperature (T)	109.4 °F
Formation Compressibility (c_f)	$4.109\text{e-}6 \text{ psi}^{-1}$
Total Compressibility (c_t)	$8.190\text{e-}4 \text{ psi}^{-1}$

Fluid Properties

Gas Gravity (G)	0.650
N ₂	0.00 %
H ₂ S	0.00 %
CO ₂	0.00 %
Critical Pressure (P_c)	670.91 psi
Critical Temperature (T_c)	373.97 R
PVT Reference Pressure (p_{pVT})	1123.60 psi
Gas Compressibility (c_g)	$1.01785\text{e-}3 \text{ psi}^{-1}$
Gas Compressibility Factor (z)	0.853
Gas Viscosity (μ_g)	0.0132 cp
Gas Formation Volume Factor (B_g)	0.002168 bbl/scf

Production and Pressure

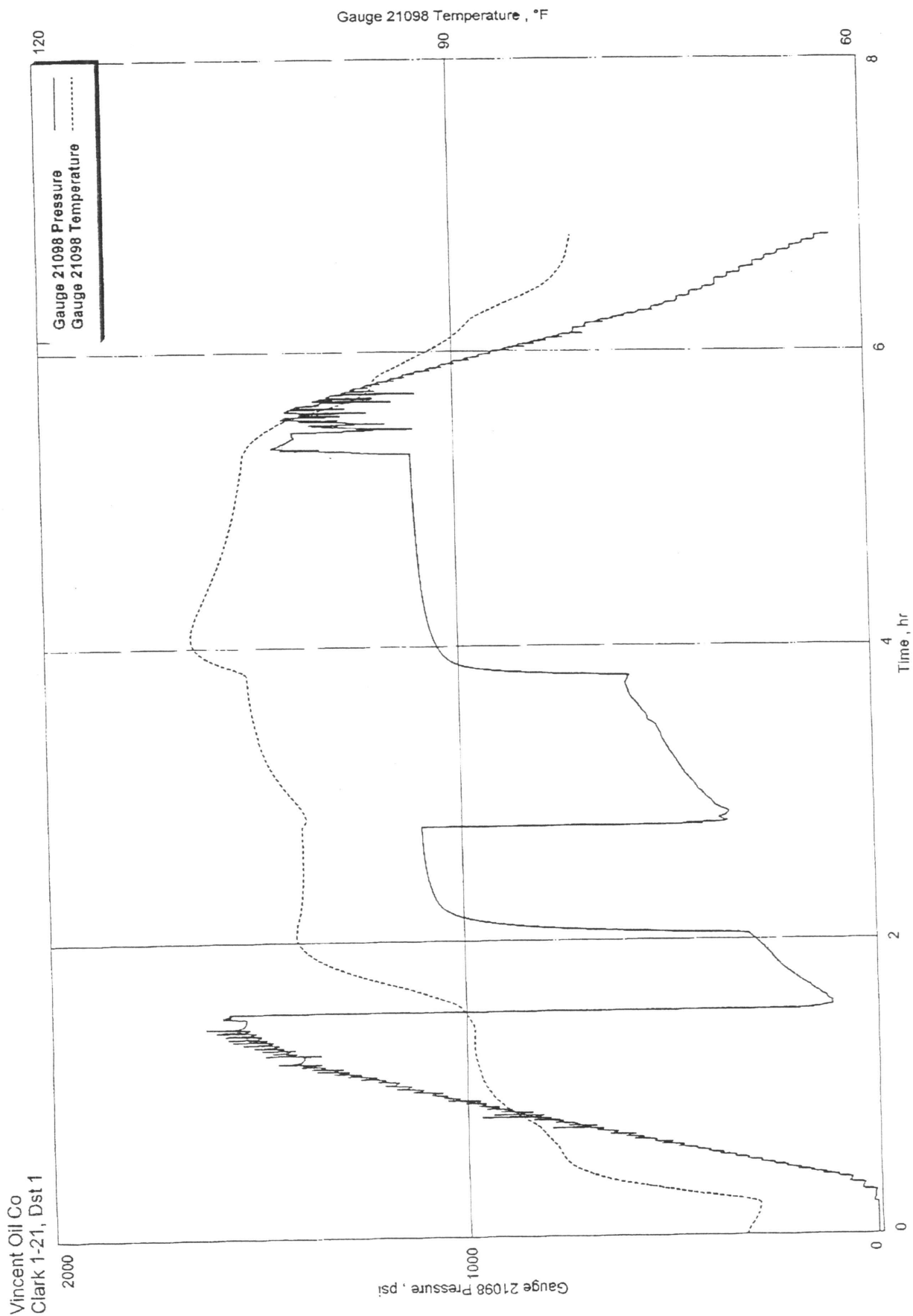
Final Gas Rate	0.262 MMCF/D
Cumulative Gas Production During Test	0.017 MMCF
Final Measured Pressure	1105.85 psi

Synthesis Results

Average Error	-0.01 %
Synthetic Initial Pressure (p_i)	1130.65 psi
Average Reservoir Pressure	1130.65 psi
Pressure Drop Due To Skin (Δp_s)	181.60 psi
Flow Efficiency (FE)	0.666
Damage Ratio (DR)	1.501

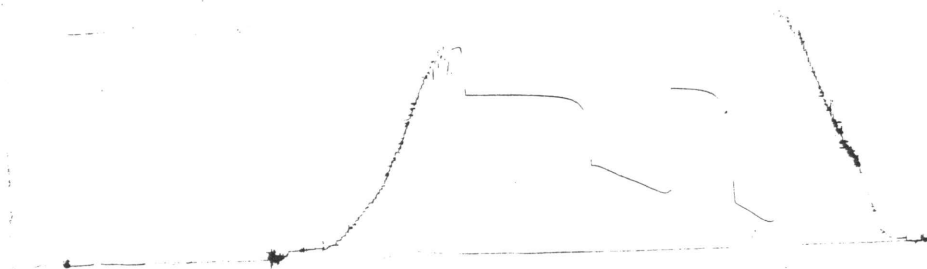
Forecasts

Forecast Flowing Pressure (P_{flow})	586.68 psi
3 - Month Constant Rate Forecast @ Curr. Skin	0.162 MMCF/D
6 - Month Constant Rate Forecast @ Curr. Skin	0.156 MMCF/D
Forecast Flow Duration (t_{flow})	12.00 month
Constant Rate Forecast @ Curr. Skin	0.151 MMCF/D
Constant Rate Forecast @ Skin=0	0.179 MMCF/D
Constant Rate Forecast @ Skin=-4	0.328 MMCF/D



REC #13556
LOC 3217

VST #
VINCENT OIL



This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Elec. Office Reading
(A) Initial Hydrostatic Mud	1626	1521
(B) First Initial Flow Pressure.....	96	101
(C) First Final Flow Pressure	327	297
(D) Initial Closed-in Pressure	1270	1085
(E) Second Initial Flow Pressure	396	345
(F) Second Final Flow Pressure.....	634	577
(G) Final Closed-in Pressure.....	1109	1093
(H) Final Hydrostatic Mud	1461	1428

RECEIVED
OCT 26 2004
KCC WICHITA

Vincent Oil Corporation
LEASE AND WELL NO. Clark No. 1-21
SEC. 21
TWP. 27S
RGE. 16W
TEST NO. 1
DATE 6-28-04

13-011-21075



DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

STC 21098.D18

Page 1 of 3 Pages

Company Vincent Oil Corporation Lease & Well No. Clark No. 1-21
Elevation 2099KB Formation Lansing/Kansas City "B" Effective Pay 4 Ft. Ticket No. J1524
Date 6-30-04 Sec. 21 Twp. 27S Range 16W County Kiowa State Kansas
Test Approved By Ken LeBlanc Diamond Representative John C. Riedl

Formation Test No. 2 Interval Tested from 4,080 ft. to 4,090 ft. Total Depth 4,090 ft.

Packer Depth 4,075 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 4,080 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set -- ft.

Top Recorder Depth (Inside) 4,083 ft. Recorder Number Elec. Cap. 5,000 psi

Bottom Recorder Depth (Outside) 4,087 ft. Recorder Number 13556 Cap. 5,475 psi

Below Straddle Recorder Depth -- ft. Recorder Number -- Cap. -- psi

Drilling Contractor Pickereell Drilling Co., Inc. - Rig 10 Drill Collar Length 120 ft. I.D. 2 1/4 in.

Mud Type Chemical Viscosity 50 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.0 Water Loss 10.0 cc. Drill Pipe Length 3,938 ft. I.D. 3 1/2 in.

Chlorides 8,000 P.P.M. Test Tool Length 22 ft. Tool Size 3 1/2 - IF in.

Jars: Make Bowen Serial Number Not Run Anchor Length 10 ft. Size 4 1/2 - FH in.

Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 - XH in.

Blow: 1st Open: Strong blow. Off bottom of bucket in 1 min. No blow back during shut-in.

2nd Open: Strong blow. Off bottom of bucket immediately. No blow back during shut-in.

Recovered 1,440 ft. of gas in pipe.

Recovered 60 ft. of drilling mud in collars = .295200 bbls.

Recovered -- ft. of --

Recovered -- ft. of --

Recovered 60 ft. of TOTAL FLUID = .295200 bbls.

Remarks --

Time Set Packer(s) 7:35 ~~P.M.~~ ^{A.M.} Time Started Off Bottom 10:52 ~~P.M.~~ ^{A.M.} Maximum Temperature 114°

Initial Hydrostatic Pressure (A) 1921 P.S.I.

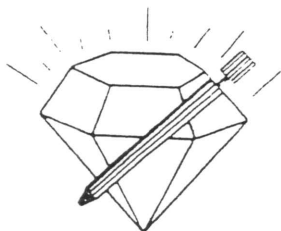
Initial Flow Period Minutes 30 (B) 29 P.S.I. to (C) 46 P.S.I.

Initial Closed In Period Minutes 60 (D) 797 P.S.I.

Final Flow Period Minutes 45 (E) 46 P.S.I. to (F) 51 P.S.I.

Final Closed In Period Minutes 60 (G) 583 P.S.I.

Final Hydrostatic Pressure (H) 1899 P.S.I.



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
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Page 2 of 3 Pages

FLUID SAMPLE DATA

Company Vincent Oil Corporation

Lease & Well No. Clark No. 1-21

Date 6-30-04 Sec. 21 Twp. 27 S Range 16 W

Formation Test No. 2 Interval Tested From 4,080 ft. to 4,090 ft. Total Depth 4,090 ft.

Formation Lansing/Kansas City "B"

	MUD PIT	RECOVERY
Viscosity	<u>50</u> CP	<u>68</u> CP
Weight	<u>9.0</u>	<u>9.3</u>
Water Loss	<u>10.0</u> CC	<u>7.0</u> CC
PH Factor	<u>10.0</u>	<u>10.0</u>

	RESISTIVITY	CHLORIDE CONTENT
Recovery Water	<u>--</u> @ <u>--</u> °F. <u>--</u> ppm	
Recovery Mud	<u>.70</u> @ <u>80</u> °F. <u>7,900</u> ppm	
Recovery Mud Filtrate	<u>.61</u> @ <u>83</u> °F. <u>8,700</u> ppm	
Mud Pit Sample	<u>.82</u> @ <u>65</u> °F. <u>9,000</u> ppm	
Mud Pit Sample Filtrate	<u>.68</u> @ <u>70</u> °F. <u>8,200</u> ppm	

Sample Taken By JOHN C. RIEDL

Witness By Ken LeBlanc

Remarks Pit filtrate triton dish chlorides were 8,000 Ppm
Recovery filtrate triton dish chlorides were 8,000 Ppm

GENERAL INFORMATION

Client Information:

Company: VINCENT OIL CO INC

Contact: RICHARD JORDAN

Phone: Fax: e-mail:

Site Information:

Contact: KEN LEBLANC

Phone: Fax: e-mail:

Well Information:

Name: CLARK 1-21

Operator: VINCENT OIL CO INC

Location-Downhole: DST 2 4080-4090

Location-Surface: S21/27S/16W

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: KENLEBLANC

Test Type: CONVENTIONAL

Job Number: D18

Test Unit: 2

Start Date: 2004/06/30

Start Time: 06:31:10

End Date: 2004/06/30

End Time: 13:40:00

Report Date: 2004/06/30

Prepared By: JOHN RIEDL

Remarks:

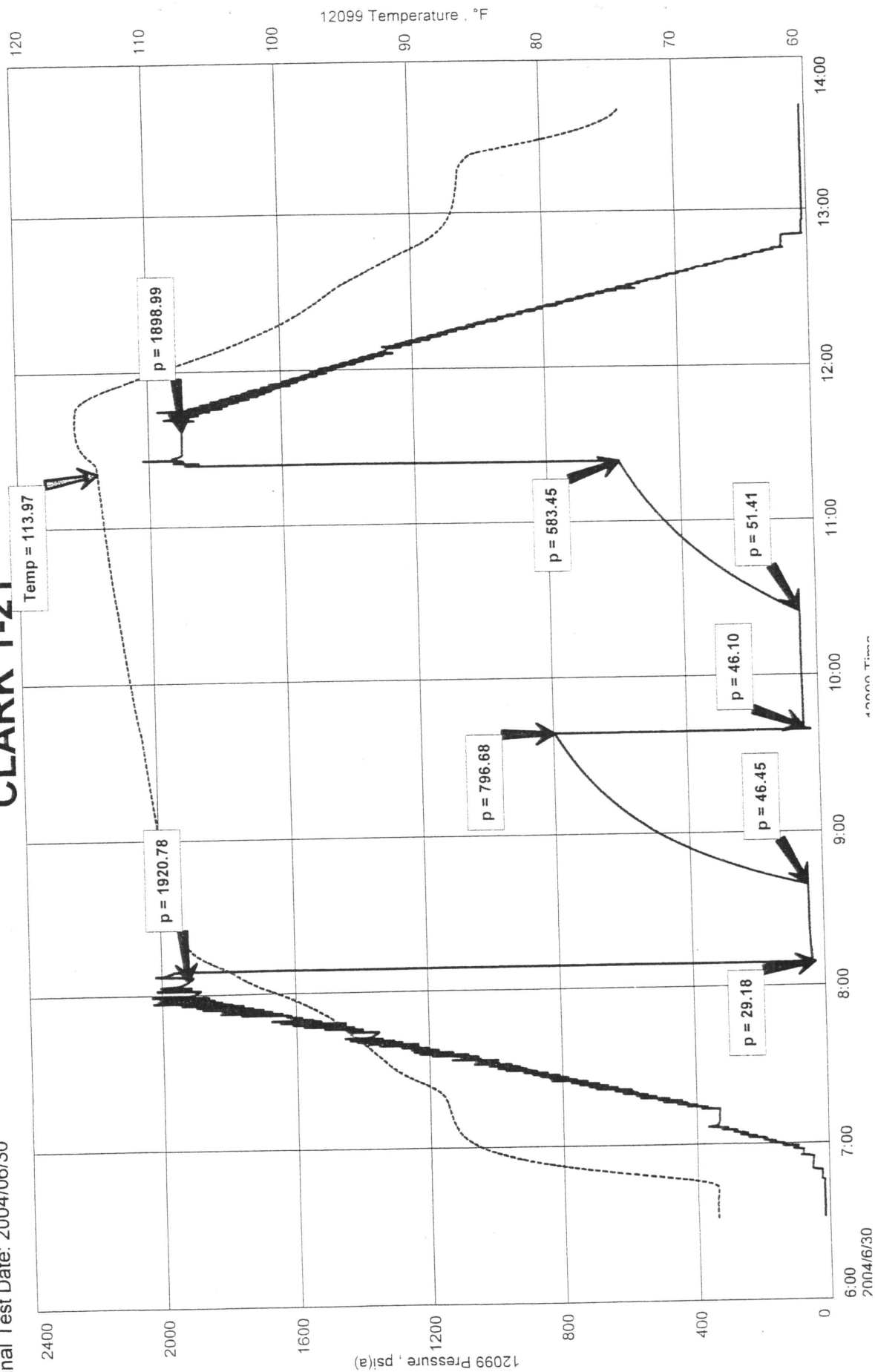
Qualified By: KEN LEBLANC

RECOVERY 1440' GIP 60' DRILLING MUD

CLARK 1-21
Formation: LKC "A"
Job Number: D18

INCENT OIL CO INC
ST 2 4080-4090
Start Test Date: 2004/06/30
Final Test Date: 2004/06/30

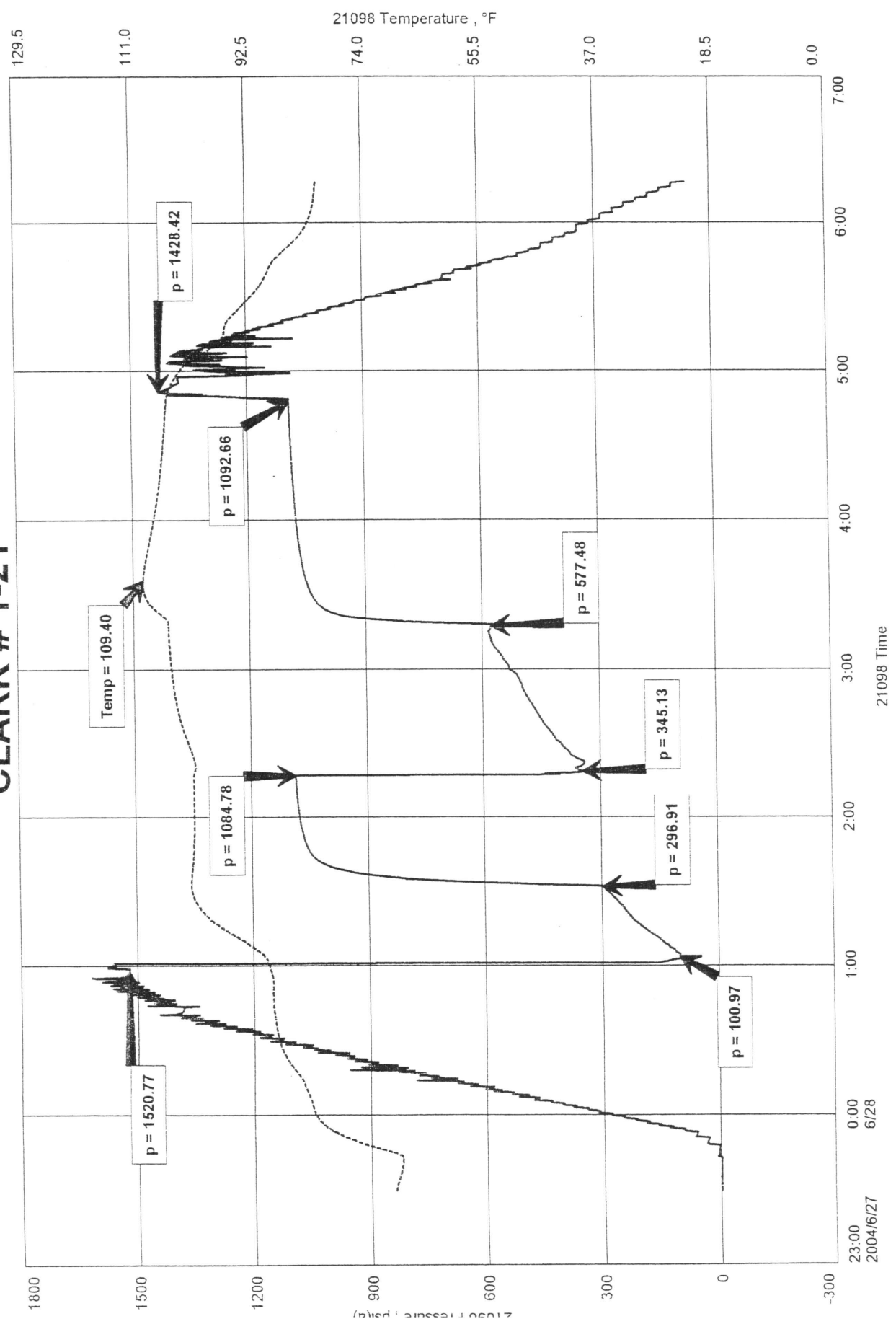
CLARK 1-21



CLARK # 1-21
Formation: DST #1 LANGDON SAND 3,136'-3,220'
Pool: WILDCAT

NCENT OIL CORPORATION
ST #1 LANGDON SAND 3,136'-3,220'
art Test Date: 2004/06/27
al Test Date: 2004/06/28

CLARK # 1-21



LOC 4887

VINCENT OIL

Vincent Oil Corporation

LEASE AND WELL NO.

Clark No. 1-21

SEC. 21

TWP.

27S

RGE.

16W

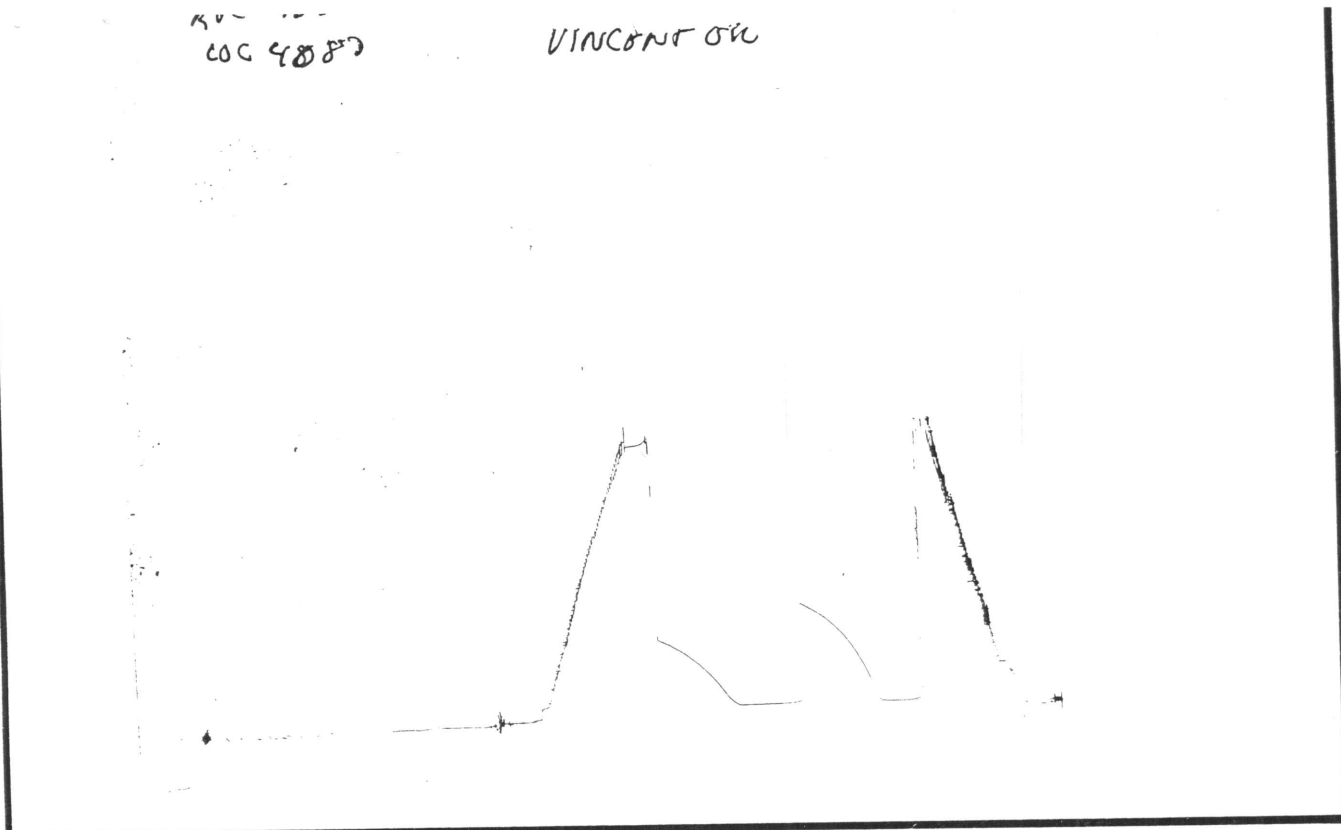
TEST NO.

2

DATE

6-30-04

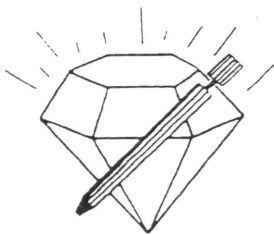
10 W-11-21073



This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Elec. Office Reading
(A) Initial Hydrostatic Mud	1921	1921
(B) First Initial Flow Pressure.....	29	29
(C) First Final Flow Pressure	46	46
(D) Initial Closed-in Pressure	797	797
(E) Second Initial Flow Pressure	46	46
(F) Second Final Flow Pressure.....	51	51
(G) Final Closed-in Pressure.....	583	583
(H) Final Hydrostatic Mud	1899	1899

RECEIVED
OCT 26 2004
KCC WICHITA



DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313
STC 21098.D19

Page 1 of 2 Pages

Company Vincent Oil Corporation Lease & Well No. Clark No. 1-21
Elevation 2099KB Formation Lansing/Kansas City "B" Effective Pay -- Ft. Ticket No. J1525
Date 7-01-04 Sec. 21 Twp. 27S Range 16W County Kiowa State Kansas
Test Approved By Ken LeBlanc Diamond Representative John C. Riedl

Formation Test No. 3 Interval Tested from 4,096 ft. to 4,111 ft. Total Depth 4,111 ft.

Packer Depth 4,091 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 4,096 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set -- ft.

Top Recorder Depth (Inside) 4,099 ft. Recorder Number Elec. Cap. 5,000 psi

Bottom Recorder Depth (Outside) 4,108 ft. Recorder Number 13556 Cap. 5,475 psi

Below Straddle Recorder Depth -- ft. Recorder Number -- Cap. -- psi

Drilling Contractor Pickerell Drilling Co., Inc. - Rig 10 Drill Collar Length 60 ft. I.D. 2 1/4 in.

Mud Type Chemical Viscosity 48 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.0 Water Loss 10.0 cc. Drill Pipe Length 4,014 ft. I.D. 3 1/2 in.

Chlorides 8,000 P.P.M. Test Tool Length 22 ft. Tool Size 3 1/2 - IF in.

Jars: Make Bowen Serial Number Not Run Anchor Length 15 ft. Size 4 1/2 - FH in.

Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 - XH in.

Blow: N/A

Recovered 150 ft. of drilling mud = 1.573200 bbls.

Recovered -- ft. of --

Recovered -- ft. of --

Recovered -- ft. of --

Recovered -- ft. of --

Remarks Misrun! Couldn't get to bottom. Opened tool. Getting through bridge at 60 feet
off bottom. Hit next bridge at 40 feet off bottom. Could not get through it. Came out
of hole.

Time Set Packer(s) -- A.M. P.M. Time Started Off Bottom -- A.M. P.M. Maximum Temperature --

Initial Hydrostatic Pressure (A) -- P.S.I.

Initial Flow Period Minutes -- (B) -- P.S.I. to (C) -- P.S.I.

Initial Closed In Period Minutes -- (D) -- P.S.I.

Final Flow Period Minutes -- (E) -- P.S.I. to (F) -- P.S.I.

Final Closed In Period Minutes -- (G) -- P.S.I.

Final Hydrostatic Pressure (H) -- P.S.I.

GENERAL INFORMATION

Client Information:

Company: VINCENT OIL CO INC

Contact: RICHARD JORDAN

Phone: Fax: e-mail:

Site Information:

Contact: KEN LEBLANC

Phone: Fax: e-mail:

Well Information:

Name: CLARK #1-21

Operator: VINCENT OIL CO INC

Location-Downhole: S21/27S/16W

Location-Surface: DST3 4096-4111

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: KEN LEBLANC

Test Type: CONVENTIONAL

Job Number: 019

Test Unit: 2

Start Date: 2004/06/30

Start Time: 22:30:00

End Date: 2004/07/01

End Time: 04:07:01

Report Date: 2004/07/01

Prepared By: JOHN RIEDL

Remarks:

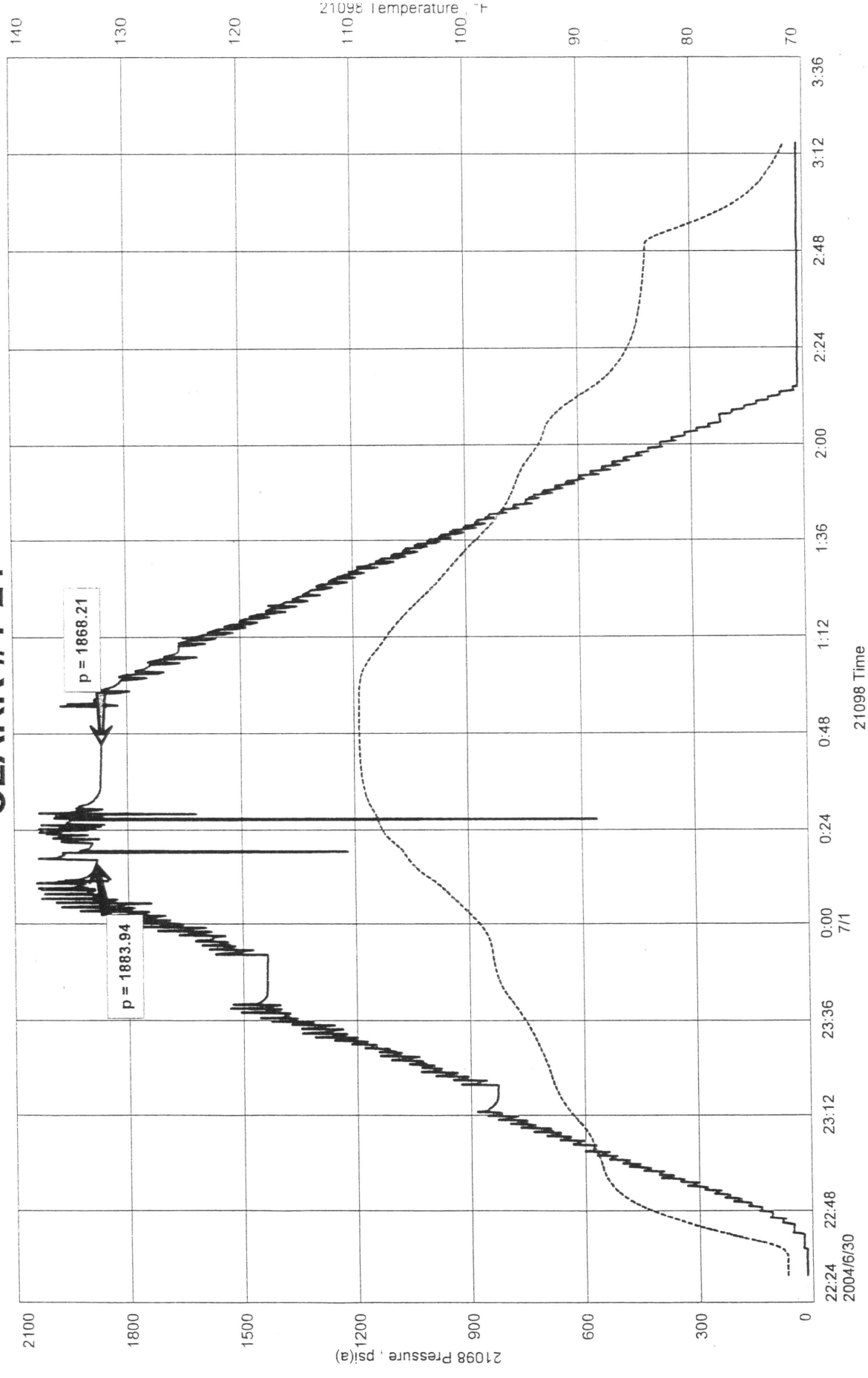
Qualified By: KEN LEBLANC

MISRUN COULDN'T GET TOOL TO BOTTOM

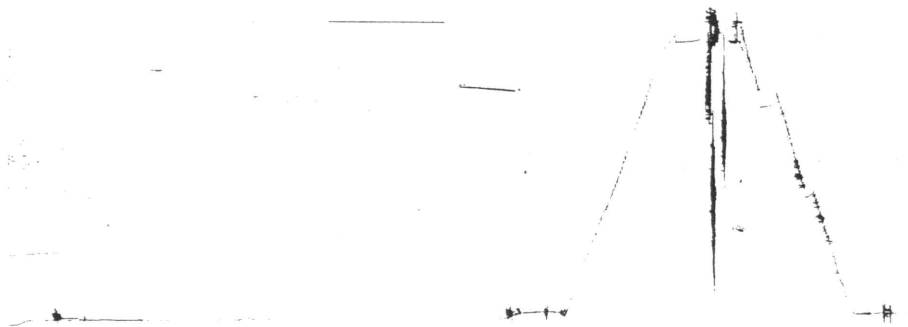
VINCENT OIL CO INC
S21/27S/16W
Start Test Date: 2004/06/30
Final Test Date: 2004/07/01

CLARK #1-2
Formation: LKC "E"
Job Number: 01

CLARK #1-21



ROT #12226 OUTSIDE DST #3 CLARK 124
LFC #808 UNCONTOK



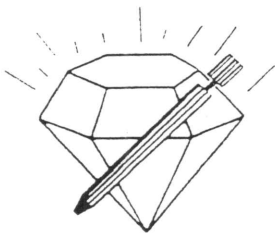
This is an actual photograph of recorder chart.

POINT	PRESSURE		Elec.
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	--	--	PSI
(B) First Initial Flow Pressure.....	--	--	PSI
(C) First Final Flow Pressure	--	--	PSI
(D) Initial Closed-in Pressure	--	--	PSI
(E) Second Initial Flow Pressure	--	--	PSI
(F) Second Final Flow Pressure.....	--	--	PSI
(G) Final Closed-in Pressure.....	--	--	PSI
(H) Final Hydrostatic Mud	--	--	PSI

RECEIVED
OCT 26 2004
KCC WICHITA

Incent Oil Corporation LEASE AND WELL NO. Clark No. 1-21 SEC. 21 TWP. 27S RGE. 16W TEST NO. 3 DATE 7-01-04

15-011-21273



DIAMOND TESTING

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STC 21098.D20

Page 1 of 3 Pages

Company Vincent Oil Corporation Lease & Well No. Clark No. 1-21
Elevation 2099KB Formation Lansing/Kansas City "B" Effective Pay -- Ft. Ticket No. J1526
Date 7-01-04 Sec. 21 Twp. 27S Range 16W County Kiowa State Kansas
Test Approved By Ken LeBlanc Diamond Representative John C. Riedl

Formation Test No. 4 Interval Tested from 4,096 ft. to 4,111 ft. Total Depth 4,111 ft.

Packer Depth 4,091 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 4,096 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set -- ft.

Top Recorder Depth (Inside) 4,099 ft. Recorder Number Elec. Cap. 5,000 psi

Bottom Recorder Depth (Outside) 4,108 ft. Recorder Number 13556 Cap. 5,475 psi

Below Straddle Recorder Depth -- ft. Recorder Number -- Cap. -- psi

Drilling Contractor Pickerell Drilling Co., Inc. - Rig 10 Drill Collar Length 60 ft. I.D. 2 1/4 in

Mud Type Chemical Viscosity 58 Weight Pipe Length -- ft. I.D. -- in

Weight 9.1 Water Loss 8.0 cc. Drill Pipe Length 4,014 ft. I.D. 3 1/2 in

Chlorides 10,000 P.P.M. Test Tool Length 22 ft. Tool Size 3 1/2 - IF in

Jars: Make Bowen Serial Number Not Run Anchor Length 15 ft. Size 4 1/2 - FH in

Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 - XH in

Blow: 1st Open: Strong blow. Off bottom of bucket in 1 min. Weak blow back during shut-in.

2nd Open: Strong blow. Off bottom of bucket in 8 mins. Fair blow back during shut-in. Dead in 40 mins.

Recovered 3,300 ft. of gas in pipe.

Recovered 150 ft. of slightly water cut gassy muddy oil = 1.278000 bbls. (Grind out: 4%-water; 40%-gas; 25%-mud; 31%-

Recovered 60 ft. of slightly oil cut gassy water = .852000 bbls. (Grind out: 2%-oil; 15%-gas; 83%-water)

Recovered 180 ft. of gassy water = 2.556000 bbls. (grind out: 10%-gas; 90%-water) Chlorides: 86,000 Ppm

Recovered 390 ft. of TOTAL FLUID = 4.981200 bbls.

Remarks --

Time Set Packer(s) 12:54 ~~AM~~ P.M. Time Started Off Bottom 3:54 ~~AM~~ P.M. Maximum Temperature 125°

Initial Hydrostatic Pressure (A) 1944 P.S.I.

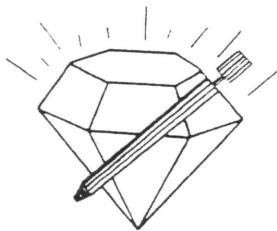
Initial Flow Period Minutes 30 (B) 50 P.S.I. to (C) 120 P.S.I.

Initial Closed In Period Minutes 60 (D) 1416 P.S.I.

Final Flow Period Minutes 30 (E) 130 P.S.I. to (F) 203 P.S.I.

Final Closed In Period Minutes 60 (G) 1411 P.S.I.

Final Hydrostatic Pressure (H) 1917 P.S.I.



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HOISINGTON, KANSAS 67544
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Page 2 of 3 Pages

FLUID SAMPLE DATA

Company Vincent Oil Corporation

Lease & Well No. Clark No. 1-21

Date 7-01-04 Sec. 21 Twp. 27 S Range 16 W

Formation Test No. 4 Interval Tested From 4,096 ft. to 4,111 ft. Total Depth 4,111 ft.

Formation Lansing/Kansas City "B"

	<u>MUD PIT</u>	<u>RECOVERY</u>
Viscosity	<u>58</u> CP	<u>--</u> CP
Weight	<u>9.1</u>	<u>--</u>
Water Loss	<u>8.0</u> CC	<u>--</u> CC
PH Factor	<u>10.0</u>	<u>7.0</u>

	<u>RESISTIVITY</u>	<u>CHLORIDE CONTENT</u>
Recovery Water	<u>.07</u> @ <u>90</u> °F.	<u>80,000</u> ppm
Recovery Mud	<u>--</u> @ <u>--</u> °F.	<u>--</u> ppm
Recovery Mud Filtrate	<u>--</u> @ <u>--</u> °F.	<u>--</u> ppm
Mud Pit Sample	<u>.60</u> @ <u>75</u> °F.	<u>10,000</u> ppm
Mud Pit Sample Filtrate	<u>.60</u> @ <u>73</u> °F.	<u>11,000</u> ppm

Sample Taken By JOHN C. RIEDL

Witness By Ken LeBlanc

Remarks Pit filtrate triton dish chlorides were 10,000 Ppm
Recovery water dish chlorides were 86,000 Ppm

GENERAL INFORMATION

Client Information:

Company: VINCENT OIL CO INC

Contact: RICHARD JORDAN

Phone: Fax: e-mail:

Site Information:

Contact: KEN LEBLANC

Phone: Fax: e-mail:

Well Information:

Name: CLARK 1-21

Operator: VINCENT OIL CO INC

Location-Downhole: DST 4 4096-4111

Location-Surface: S21/27S/16W

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: KEN LEBLANC

Test Type: CONVENTIONAL

Job Number: D20

Test Unit: 2

Start Date: 2004/07/01

Start Time: 11:26:00

End Date: 2004/07/01

End Time: 18:40:00

Report Date: 2004/07/01

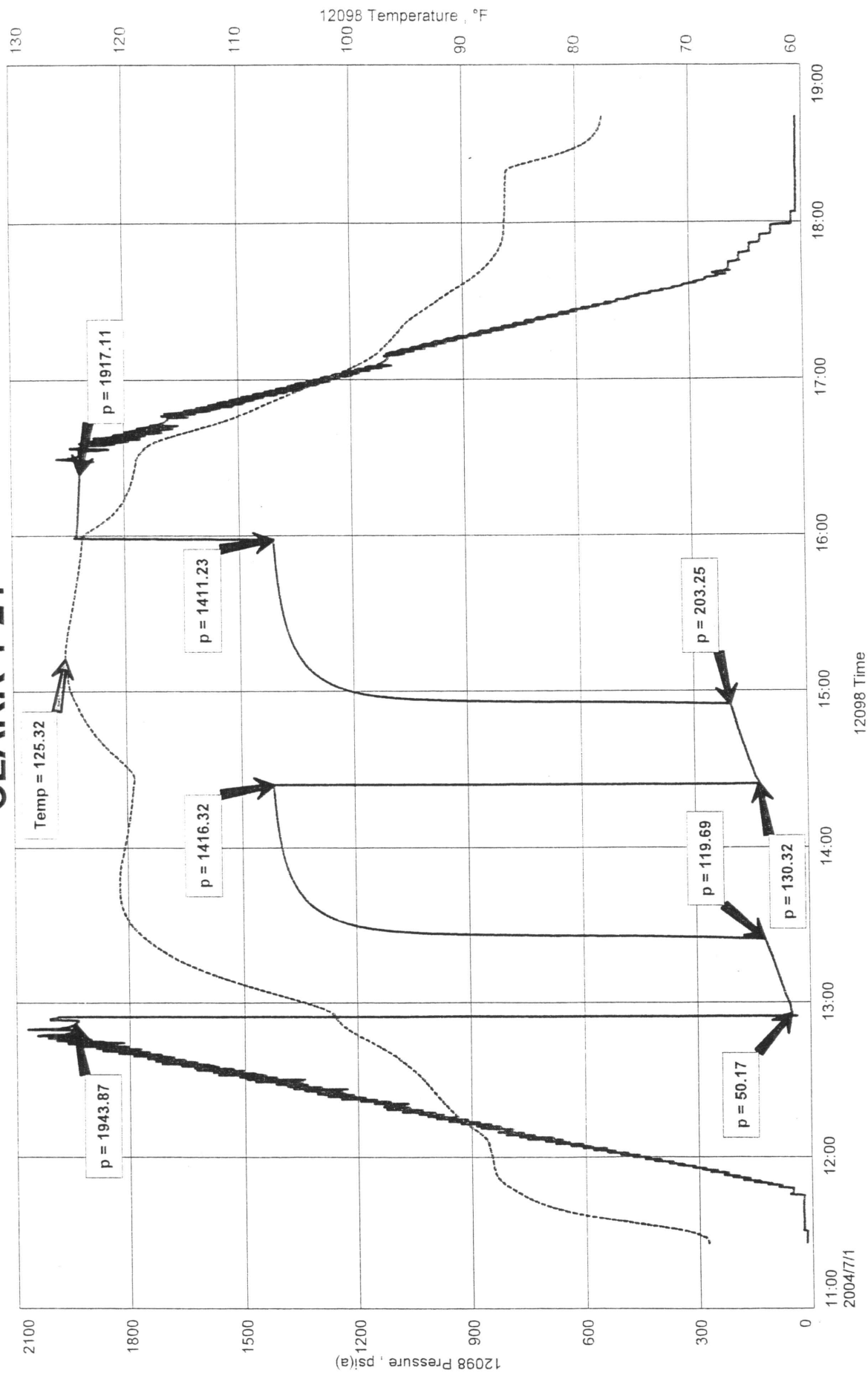
Prepared By: JOHN RIEDL

Remarks:

Qualified By: KEN LEBLANC

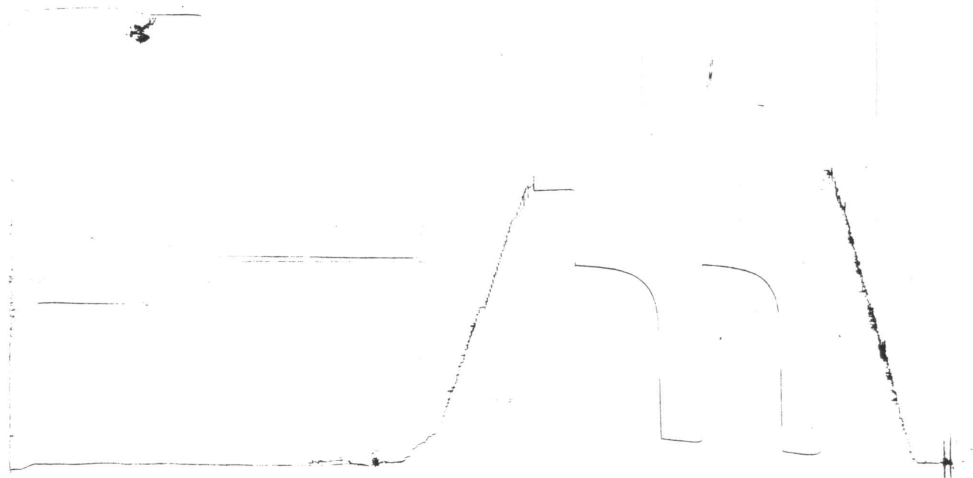
REC. 3300' GIP 150' SLWCGMO 60'SLOCGW 180'GW TOTAL FLUID REC 390'

CLARK 1-21



VINCENT OIL
CLARK 1-21

ROC# 1355C OUTSIDE
LOC 8158



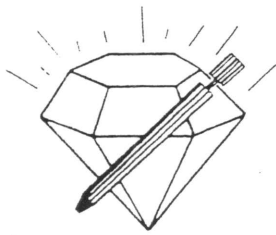
This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Elec. Office Reading
(A) Initial Hydrostatic Mud	1944	1944
(B) First Initial Flow Pressure.....	50	50
(C) First Final Flow Pressure	120	120
(D) Initial Closed-in Pressure	1416	1416
(E) Second Initial Flow Pressure	130	130
(F) Second Final Flow Pressure.....	203	203
(G) Final Closed-in Pressure.....	1411	1411
(H) Final Hydrostatic Mud	1917	1917

RECEIVED
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Incent Oil Corporation LEASE AND WELL NO. Clark No. 1-21 SEC. 21 TWP. 27S RGE. 16W TEST NO. 4 DATE 7-01-04

10-071-21543



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Page 1 of 9 Pages

20% Estimated Porosity

Company Vincent Oil Corporation Lease & Well No. Clark No. 1-21
Elevation 2099KB Formation Mississippi Effective Pay 30 Ft. Ticket No. J1527
Date 7-3-04 Sec. 21 Twp. 27S Range 16W County Kiowa State Kansas
Test Approved By Ken LeBlanc Diamond Representative John C. Riedl

Formation Test No. 5 Interval Tested from 4,506 ft. to 4,635 ft. Total Depth 4,635 ft.

Packer Depth 4,501 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 4,506 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set -- ft.

Top Recorder Depth (Inside) 4,509 ft. Recorder Number Elec. Cap. 5,000 psi

Bottom Recorder Depth (Outside) 4,632 ft. Recorder Number 13556 Cap. 5,475 psi

Below Straddle Recorder Depth -- ft. Recorder Number -- Cap. -- psi

Drilling Contractor Pickerell Drilling Co., Inc. - Rig 10 Drill Collar Length 60 ft. I.D. 2 1/4 in.

Mud Type Chemical Viscosity 50 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.1 Water Loss 9.6 cc. Drill Pipe Length 4,424 ft. I.D. 3 1/2 in.

Chlorides 11,000 P.P.M. Test Tool Length 22 ft. Tool Size 3 1/2 - IF in.

Jars: Make Bowen Serial Number Not Run Anchor Length 129 ft. Size 4 1/2 - FH in.

Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 - XH in.

Blow: 1st Open: Strong blow. Off bottom of bucket in 2 mins. Gas to surface in 10 mins. Strong blow back during shut-in
2nd Open: Strong blow. Gas to surface throughout. (SEE GAS VOLUME REPORT.)

Recovered 1,200 ft. of slightly mud cut gassy oil = 16.483200 bbls. (Grind out: 5%-mud; 45%-gas; 50%-oil) Dumped oil.

Recovered 440 ft. of gassy oil = 6.248000 bbls. (Drained out as pin was broken.) No percentages available.
(Grind out: 5%-water; 30%-mud; 30%-gas; 35%-oil)

Recovered 120 ft. of slightly watery and heavy cut gassy oil = 1.147200 bbls.

Recovered 1,760 ft. of TOTAL FLUID = 24.435200 bbls.

Chlorides: 15,000 Ppm (Gravity: 29 @ 60°)

Recovered -- ft. of --

Remarks Had trouble seating slips during 1st shut-in making 1st flow time longer than
45 mins. (Dropped bar; wouldn't circulate out.)

Time Set Packer(s) 4:45 XXM. P.M. Time Started Off Bottom 9:45 XXM. P.M. Maximum Temperature 136°

Initial Hydrostatic Pressure (A) 2133 P.S.I.

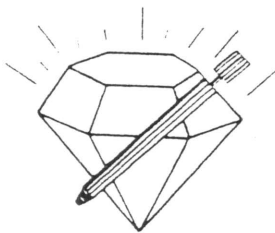
Initial Flow Period Minutes 45 (B) 222 P.S.I. to (C) 408 P.S.I.

Initial Closed In Period Minutes 75 (D) 1445 P.S.I.

Final Flow Period Minutes 60 (E) 404 P.S.I. to (F) 582 P.S.I.

Final Closed In Period Minutes 120 (G) 1465 P.S.I.

Final Hydrostatic Pressure (H) 2120 P.S.I.



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Page 2 of 9 Pages

FLUID SAMPLE DATA

Company Vincent Oil Corporation

Lease & Well No. Clark No. 1-21

Date 7-03-04 Sec. 21 Twp. 27 S Range 16 W

Formation Test No. 5 Interval Tested From 4,506 ft. to 4,635 ft. Total Depth 4,635 ft.

Formation Mississippi

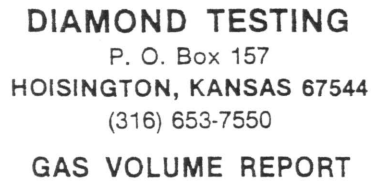
	MUD PIT	RECOVERY
Viscosity	<u>50</u> CP	<u>--</u> CP
Weight	<u>9.1</u>	<u>--</u>
Water Loss	<u>9.6</u> CC	<u>--</u> CC
PH Factor	<u>10.0</u>	<u>--</u>

	RESISTIVITY	CHLORIDE CONTENT
Recovery Water	<u>--</u> @ <u>--</u> °F. <u>--</u> ppm	
Recovery Mud	<u>.50</u> @ <u>70</u> °F. <u>17,000</u> ppm	
Recovery Mud Filtrate	<u>--</u> @ <u>--</u> °F. <u>--</u> ppm	
Mud Pit Sample	<u>.55</u> @ <u>74</u> °F. <u>13,000</u> ppm	
Mud Pit Sample Filtrate	<u>.60</u> @ <u>70</u> °F. <u>11,000</u> ppm	

Sample Taken By JOHN C. RIEDL

Witness By Ken LeBlanc

Remarks Pit filtrate triton dish chlorides were 11,000 Ppm
Recovery filtrate triton dish chlorides were 15,000 Ppm



GENERAL INFORMATION

Client Information:

Company: VINCENT OIL CORPORATION

Contact: RICHARD JORDAN

Phone: Fax: e-mail:

Site Information:

Contact: KEN LEBLANC

Phone: Fax: e-mail:

Well Information:

Name: CLARK # 1-21

Operator: VINCENT OIL CORPORATION

Location-Downhole: DST #5 MISSISSIPPI 4,506'-4,635'

Location-Surface: SEC 21-27S-16W KIOWA, COUNTY

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: KEN LEBLANC

Test Type: CONVENTIONAL

Job Number:

Test Unit: NO 2

Start Date: 2004/07/03

Start Time: 15:01:00

End Date: 2004/07/04

End Time: 02:35:50

Report Date:

Prepared By:

Remarks:

Qualified By:

RECOVERED: GST IN 10 MIN STAB. AT 69,400 CF/D

1,640' SLTM&GCO (5% MUD, 45% GAS, 50 % OIL) EST. TRIED TO CIR OUT.

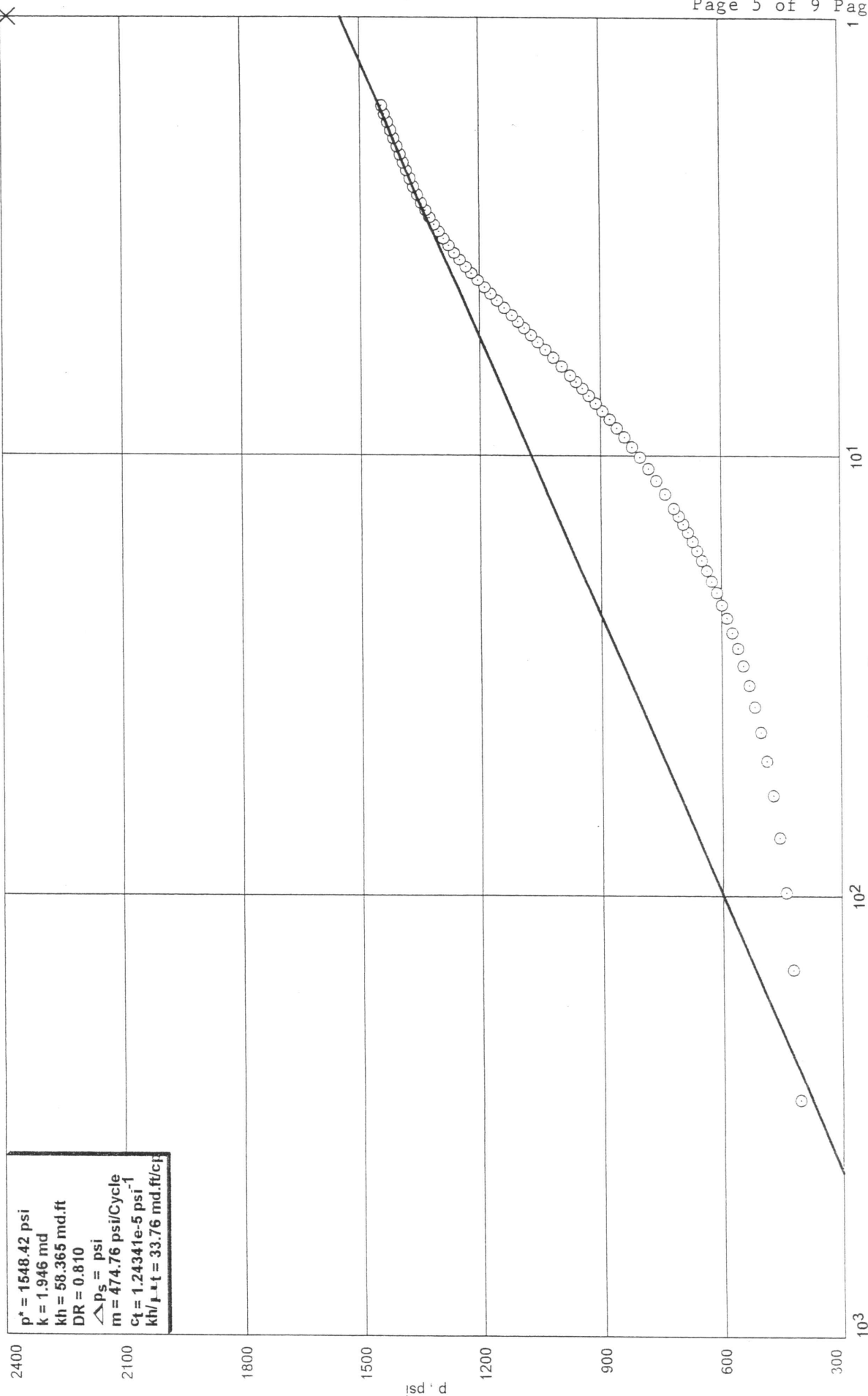
120' SLTW&HMC GO (5% WTR, 30% MUD, 30% GAS, 35% OIL) 29 GRAV @ 60 DEG

1,860' TOTAL FLUID

TOOL FULL OF CUTTING, NO SAMPLE.

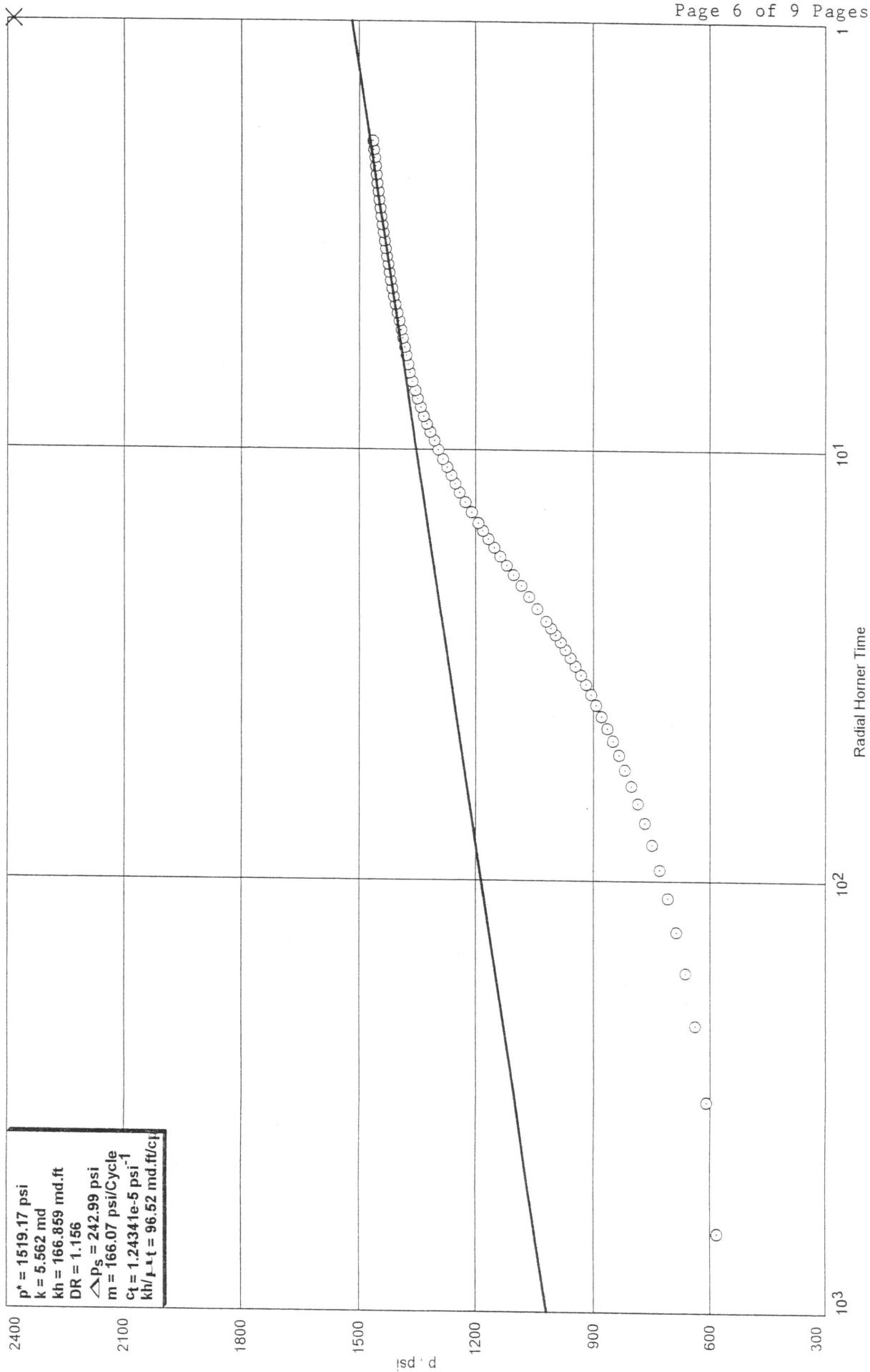
VINCENT OIL CORPORATION
 CLARK #5
 DST #5 MISSISSIPPI
 4,506' - 4,635'

HORNER PLOT INITIAL SHUT-IN



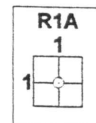
VINCENT OIL CORPORATION
 CLARK #5
 DST #5 MISSISSIPPI
 4,506' - 4,635'

HORNER PLOT FINAL SHUT-IN



Oil Well Test - Buildup

Radial Flow Analysis



Page 7 of 9 Pages

VINCENT OIL CORPORATION

CLARK #5

DST \$5 MISSISSIPPI

4,506' - 4,635'

Analysis Results

Total Sandface Rate ($q_t B_t$)	98.578 bbl/d	Apparent Skin (s')	1.684
Semilog Slope (m)	166.07	Skin - Damage	1.684
Gas Permeability (k_g)	md	Skin - Inclination	0.000
Oil Permeability (k_o)	5.562 md	Skin - Partial Penetration	
Water Permeability (k_w)	md	Pressure Drop Due to Skin (Δp_s)	242.99 psi
Flow Capacity (kh)	166.859 md.ft	Damage Ratio (DR)	1.156
Total Mobility (k/μ_t)	3.22 md/cp	Flow Efficiency (FE)	0.865
Total Transmissivity (kh/μ_t)	96.52 md.ft/cp		

Reservoir Parameters

Net Pay (h)	30.000 ft
Total Porosity (ϕ_t)	20.00 %
Water Saturation (S_w)	20.00 %
Oil Saturation (S_o)	80.00 %
Gas Saturation (S_g)	0.00 %
Wellbore Radius (r_w)	0.30 ft
Formation Temperature (T)	120.0 °F
Formation Compressibility (c_f)	3.647e-6 psi ⁻¹
Total Compressibility (c_t)	1.243e-5 psi ⁻¹

Pressures

Initial Pressure (p_i)	2383.67 psi
Extrapolated Pressure (p^*)	1519.17 psi
Ave. Reservoir Press	1519.09 psi
Final Flowing Pressure (p_{wfo})	581.38 psi

Production and Times

Corrected Flow Time (t_c)	1.8056 hr
Cumulative Oil Production	6.019 bbl
Final Oil Rate	80.000 bbl/d

Fluid Properties

Oil Compressibility (c_o)	1.02480e-5 psi ⁻¹
Oil Formation Volume Factor (B_o)	1.232
Oil Viscosity (μ_o)	1.729 cp
Solution Gas Ratio (R_s)	440 scf/bbl
Oil Gravity (γ_o)	30.00 ° API
Gas Gravity (G)	0.650
PVT Reference Pressure (p_{pVT})	2383.67 psi

Extended Rates Calculations

Specified Flowing Pressure	581.38 psi
Specified Reservoir Pressure	1519.09 psi
Drainage Area	160.0 acres
3 - Month Constant Rate	bbl/d
6 - Month Constant Rate	bbl/d
Stabilized Rate @ Current Skin	51.649 bbl/d
Stabilized Rate @ Skin of 0	62.018 bbl/d
Stabilized Rate @ Skin of -4	118.553 bbl/d
PI / II (Total Liquids - Actual)	0.085 bbl/d/psi
PI / II (Total Liquids - Ideal)	0.115 bbl/d/psi
Stab. PI / II (Total Liquids - Actual)	0.055 bbl/d/psi
Stab. PI / II (Total Liquids - Ideal)	0.074 bbl/d/psi

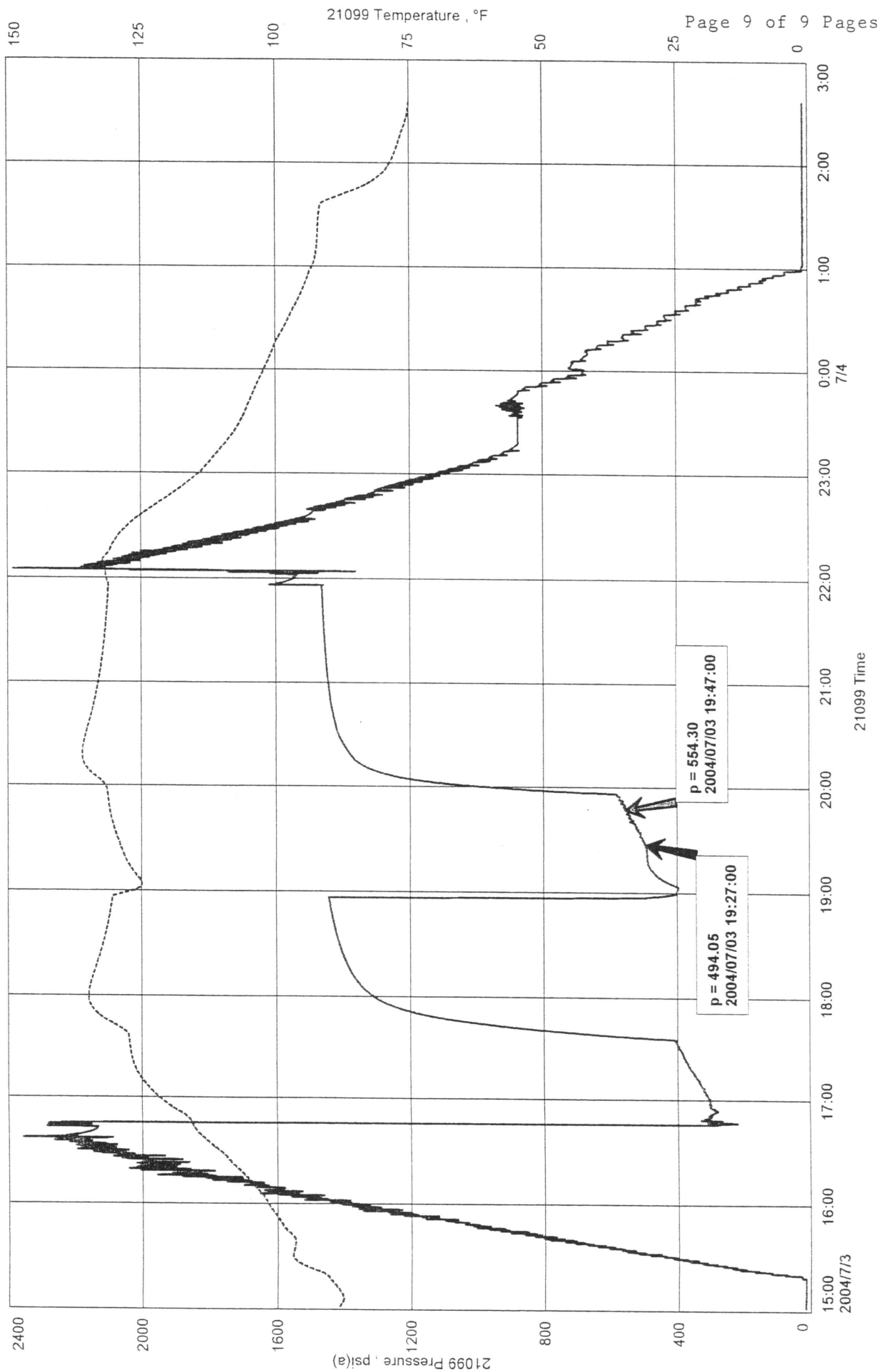
VINCENT OIL CORPORATION

DESCRIPTION	SECOND READING	FIRST READING	PRESSURE CHANGE	PIPE SIZE-ID	FLUID GRADIENT	TIME CHANGE	TOTAL TIME	DAILY PROD.	AVERAGE % OIL	ESTIMATED PRODUCTION
FINAL FLOW	554	494	60	0.0142	0.382	20	1440	161	0.5	80

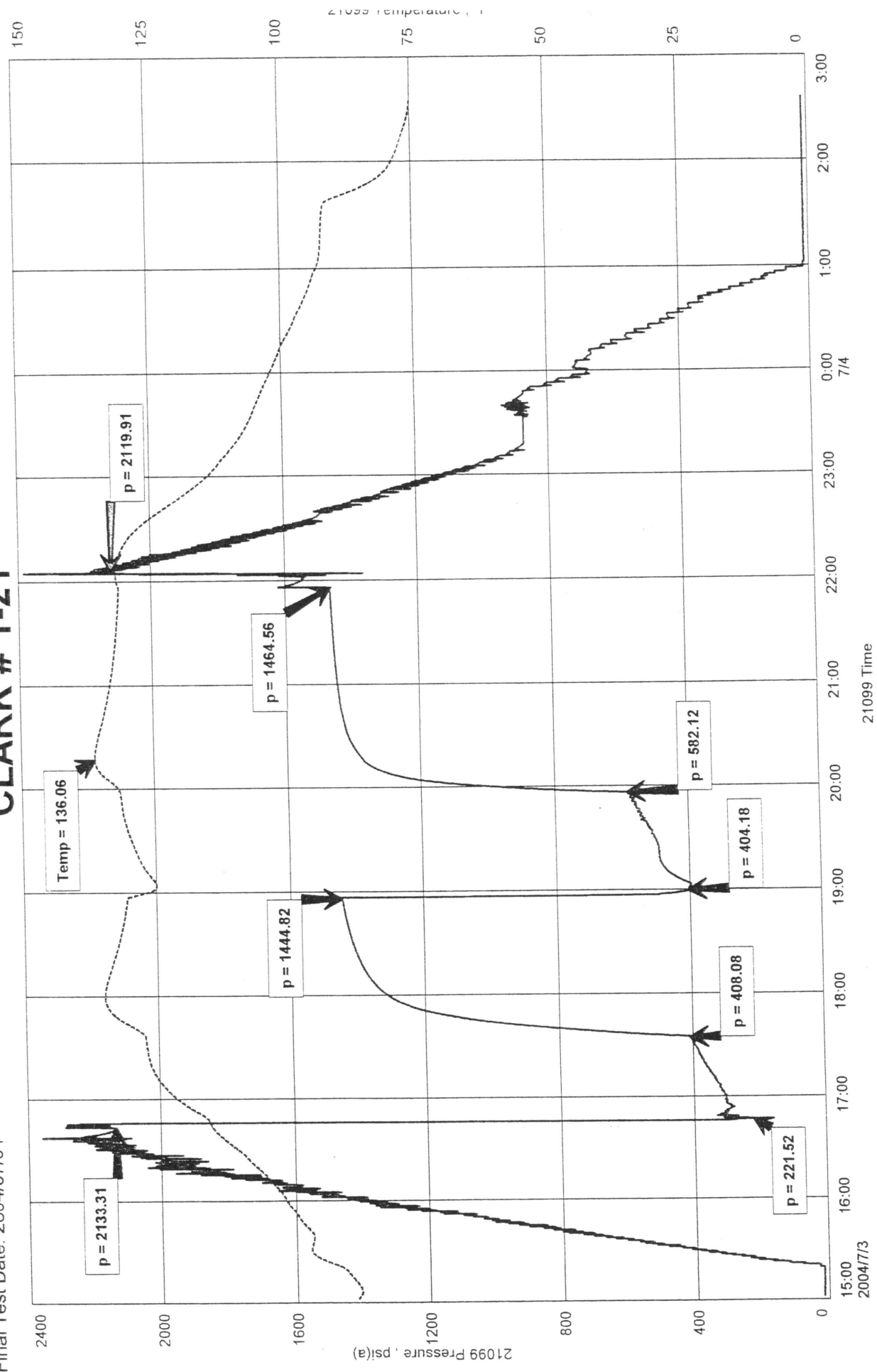
CLARK # 1-21
Formation: DST #5 MISSISSIPPI 4,506'-4,635'
Pool: WILDCAT

VINCENT OIL CORPORATION
DST #5 MISSISSIPPI 4,506'-4,635'
Start Test Date: 2004/07/03
Final Test Date: 2004/07/04

CLARK # 1-21

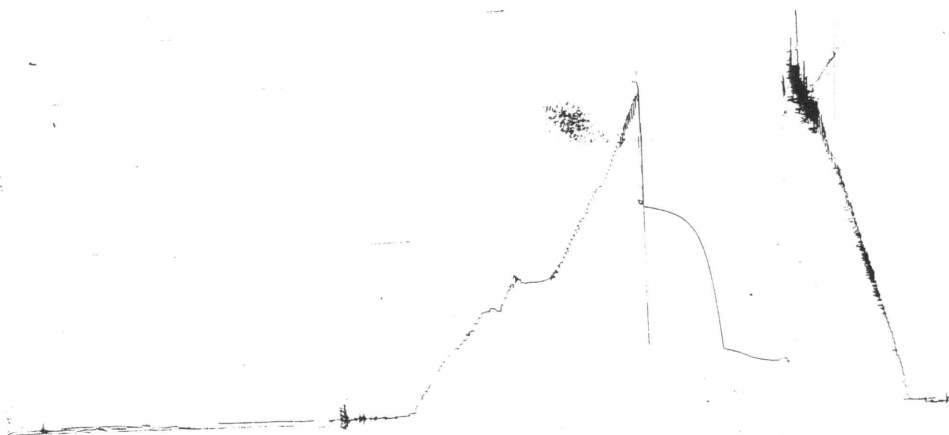


CLARK # 1-21



KSC 13226

CLOSIS STOPPED



This is an actual photograph of recorder chart.

POINT	PRESSURE		Elec.
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	2133	2133	PSI
(B) First Initial Flow Pressure.....	222	222	PSI
(C) First Final Flow Pressure	408	408	PSI
(D) Initial Closed-in Pressure	1445	1445	PSI
(E) Second Initial Flow Pressure.....	404	404	PSI
(F) Second Final Flow Pressure.....	582	582	PSI
(G) Final Closed-in Pressure.....	1465	1465	PSI
(H) Final Hydrostatic Mud	2120	2120	PSI

RECEIVED
OCT 26 2004
KCC WICHITA

Vincent Oil Corporation

LEASE AND WELL NO.

Clark No. 1-21

SEC. 21

TWP.

27S

RGE.

16W

TEST NO.

5

DATE

7-03-04

13-000-01245