



DIAMOND TESTING

P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
STC 21099.D47

Company Vess Oil Corporation Lease & Well No. Thrasher "V" No. 2-1
Elevation 3191 KB Formation Lansing/Kansas City "I" Effective Pay 3 Ft. Ticket No. J1540
Date 9-6-04 Sec. 1 Twp. 11S Range 34W County Logan State Kansas
Test Approved By Kim B. Shoemaker Diamond Representative John C. Riedl

Formation Test No. 1 Interval Tested from 4,290 ft. to 4,323 ft. Total Depth 4,323 ft.
Packer Depth 4,285 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Packer Depth 4,290 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 4,293 ft. Recorder Number 21099 Cap. 5,000 psi
Bottom Recorder Depth (Outside) 4,320 ft. Recorder Number 13498 Cap. 3,900 psi
Below Straddle Recorder Depth ft. Recorder Number Cap. psi

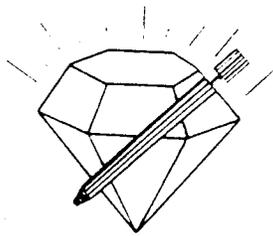
Drilling Contractor L.D. Drilling, Inc. - Rig 1 Drill Collar Length -- ft. I.D. -- in.
Mud Type Chemical Viscosity 50 Weight Pipe Length -- ft. I.D. -- in.
Weight 9.0 Water Loss 8.8 cc. Drill Pipe Length 4,270 ft. I.D. 3 1/2 in.
Chlorides 4,000 P.P.M. Test Tool Length 20 ft. Tool Size 3 1/2 - IF in.
Jars: Make Bowen Serial Number Not Run Anchor Length 33 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. Slowly building to 10 ins. No blow back during shut-in.
2nd Open: Strong blow. Building to 9 ins. in 30 mins. & 11 ins. in 45 mins. Weak blow back during shut-in.

Recovered 280 ft. of gas in pipe
Recovered 50 ft. of clean gassy oil = .513000 bbls. (Grind out: 5%-gas; 95%-oil) Gravity: 39 @ 60°
Recovered 40 ft. of slightly gas cut oily mud = .410400 bbls. (Grind out: 10%-gas; 25%-oil; 65%-mud)
Recovered 90 ft. of TOTAL FLUID = .923400 bbls.

Recovered ft. of
Remarks Tool Sample Grind Out: 5%-gas; 15%-mud; 80%-oil

Time Set Packer(s) 2:51 ~~AM~~ P.M. Time Started Off Bottom 5:51 ~~AM~~ P.M. Maximum Temperature 118°
Initial Hydrostatic Pressure (A) 2006 P.S.I.
Initial Flow Period Minutes 30 (B) 14 P.S.I. to (C) 28 P.S.I.
Initial Closed In Period Minutes 45 (D) 411 P.S.I.
Final Flow Period Minutes 45 (E) 26 P.S.I. to (F) 48 P.S.I.
Final Closed In Period Minutes 60 (G) 406 P.S.I.
Final Hydrostatic Pressure (H) 2017 P.S.I.



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Page 2 of 10 Pages

FLUID SAMPLE DATA

Company Vess Oil Corporation

Lease & Well No. Thrasher "V" No. 2-1

Date 9-6-04 Sec. 1 Twp. 11 S Range 34 W

Formation Test No. 1 Interval Tested From 4,290 ft. to 4,323 ft. Total Depth 4,323 ft.

Formation Lansing/Kansas City "I"

	<u>MUD PIT</u>	<u>RECOVERY</u>
Viscosity	<u>50</u> CP	<u>--</u> CP
Weight	<u>9.0</u>	<u>--</u>
Water Loss	<u>8.8</u> CC	<u>8.0</u> CC
PH Factor	<u>10.0</u>	<u>9.5</u>

	<u>RESISTIVITY</u>	<u>CHLORIDE CONTENT</u>
Recovery Water	<u>-- @ -- °F.</u>	<u>--</u> ppm
Recovery Mud	<u>-- @ -- °F.</u>	<u>--</u> ppm
Recovery Mud Filtrate	<u>-- @ -- °F.</u>	<u>--</u> ppm
Mud Pit Sample	<u>1.50 @ 70 °F.</u>	<u>4,100</u> ppm
Mud Pit Sample Filtrate	<u>1.40 @ 72 °F.</u>	<u>4,200</u> ppm

Sample Taken By JOHN C. RIEDL

Witness By KIM B. SHOEMAKER

Remarks Pit filtrate triton dish chlorides were 4,000 Ppm
Recovery filtrate triton dish chlorides were 6,000 Ppm

GENERAL INFORMATION

Client Information:

Company: VESS OIL CORPORATION
Contact: BILL HORIGAN & PAT CANADAY
Phone: Fax: e-mail:

Site Information:

Contact: KIM SHOEMAKER
Phone: Fax: e-mail:

Well Information:

Name: THRASHER "V" # 2-1
Operator: VESS OIL CORPORATION
Location-Downhole: DST #1 LKC "I" 4,290' -4,323'
Location-Surface: SEC 1-11S-34W LOGAN COUNTY

Test Information:

Company: DIAMOND TESTING
Representative: JOHN RIEDL
Supervisor: KIM SHOEMAKER
Test Type: CONVENTIONAL Job Number:
Test Unit: NO 2
Start Date: 2004/09/06 Start Time: 13:06:00
End Date: 2004/09/06 End Time: 19:16:10
Report Date: Prepared By:
Remarks: Qualified By:

RECOVERED: 280' GAS IN PIPE
50' CGO 5% GAS, 95 % OIL, 39 GRAV. @ 60 deg.
40' SGCOM 10% GAS, 25% OILO, 65% MUD
90' TOTAL FLUID

TOOL SAMPLE 5% GAS, 15% MUD, 80% OIL.

Vess Oil Corp.
Thrasher "V" #2-1, Dst #1

Comments relative to analysis of the drill stem test that was run in the Lower Kansas City by Diamond Testing.

This analysis is based upon the liquid recovery and equations applicable to liquid recovery tests; radial flow analysis and derivative analysis techniques. It has been assumed, for purposes of this analysis that the tested reservoir system consisted of a single porosity zone 3 feet in thickness with an average porosity of 7 percent. A vertical oil-well model was used for type-curve matching and non-linear regression analysis.

The semi-log plots indicate a maximum initial reservoir pressure of 423 psi and a maximum final reservoir pressure of 421 psi, which is equivalent to a subsurface pressure gradient of 0.098 psi/ft at gauge depth. This pressure gradient is significantly lower than normal reservoir pressures which are generally 0.3 psi/ft to 0.4 psi/ft. The difference between the extrapolated initial and final reservoir pressures (2 Psi) is insignificant.

The Average Production Rate which was used in this analysis has been calculated from analysis of the flow pressure curves using a liquid gradient for the recovered oil of 0.359 psi/ft.

The calculated Skin Factors indicate significant 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
(920) 505-8389



Drill Stem Test - Buildup

Radial Flow Analysis

Vess Oil Corp

Thrasher "V" 2-1, Dst 1

Analysis Results

Total Sandface Rate (q_{tB1})	11.527 bbl/d	Apparent Skin (s')	3.761
Semilog Slope (m)	44.90	Skin - Damage	3.982
Oil Permeability (k_o)	24.966 md	Pressure Drop Due to Skin (Δp_s)	155.36 psi
Flow Capacity (kh)	74.898 md.ft	Damage Ratio (DR)	1.765
Total Mobility (k/μ_t)	1.21 md/cp	Flow Efficiency (FE)	0.567
Total Transmissivity(kh/μ_t)	3.62 md.ft/cp		

Reservoir Parameters

Net Pay (h)	3.000 ft
Total Porosity (ϕ_t)	7.00 %
Water Saturation (S_w)	20.00 %
Oil Saturation (S_o)	80.00 %
Gas Saturation (S_g)	0.00 %
Wellbore Radius (r_w)	0.33 ft
Formation Temperature (T)	117.7 °F
Formation Compressibility (c_f)	5.638e-6 psi ⁻¹
Total Compressibility (c_t)	1.764e-5 psi ⁻¹

Pressures

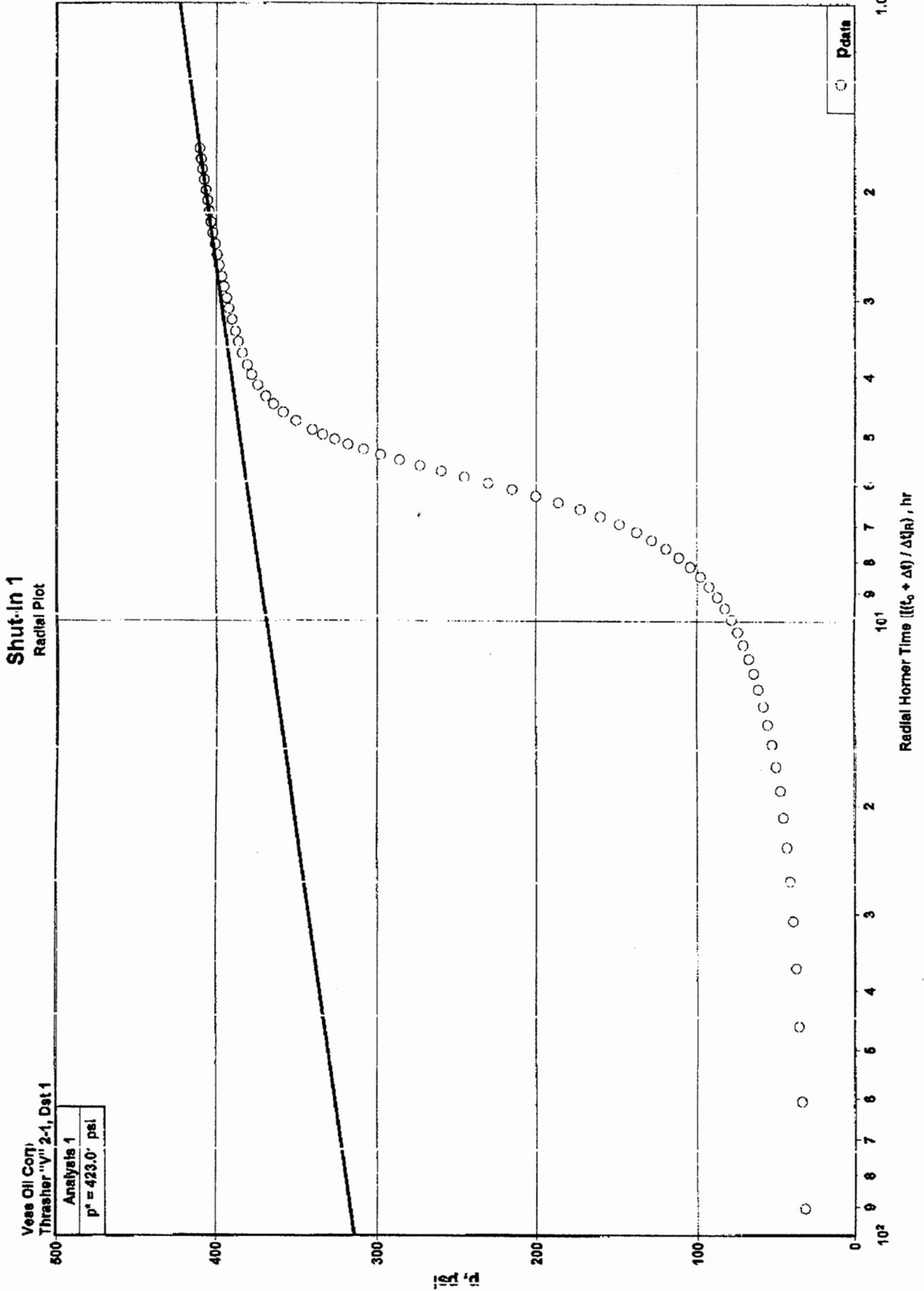
Initial Pressure (p_i)	762.33 psi
Extrapolated Pressure (p^*)	420.69 psi
Final Flowing Pressure (p_{wfo})	48.09 psi

Production and Times

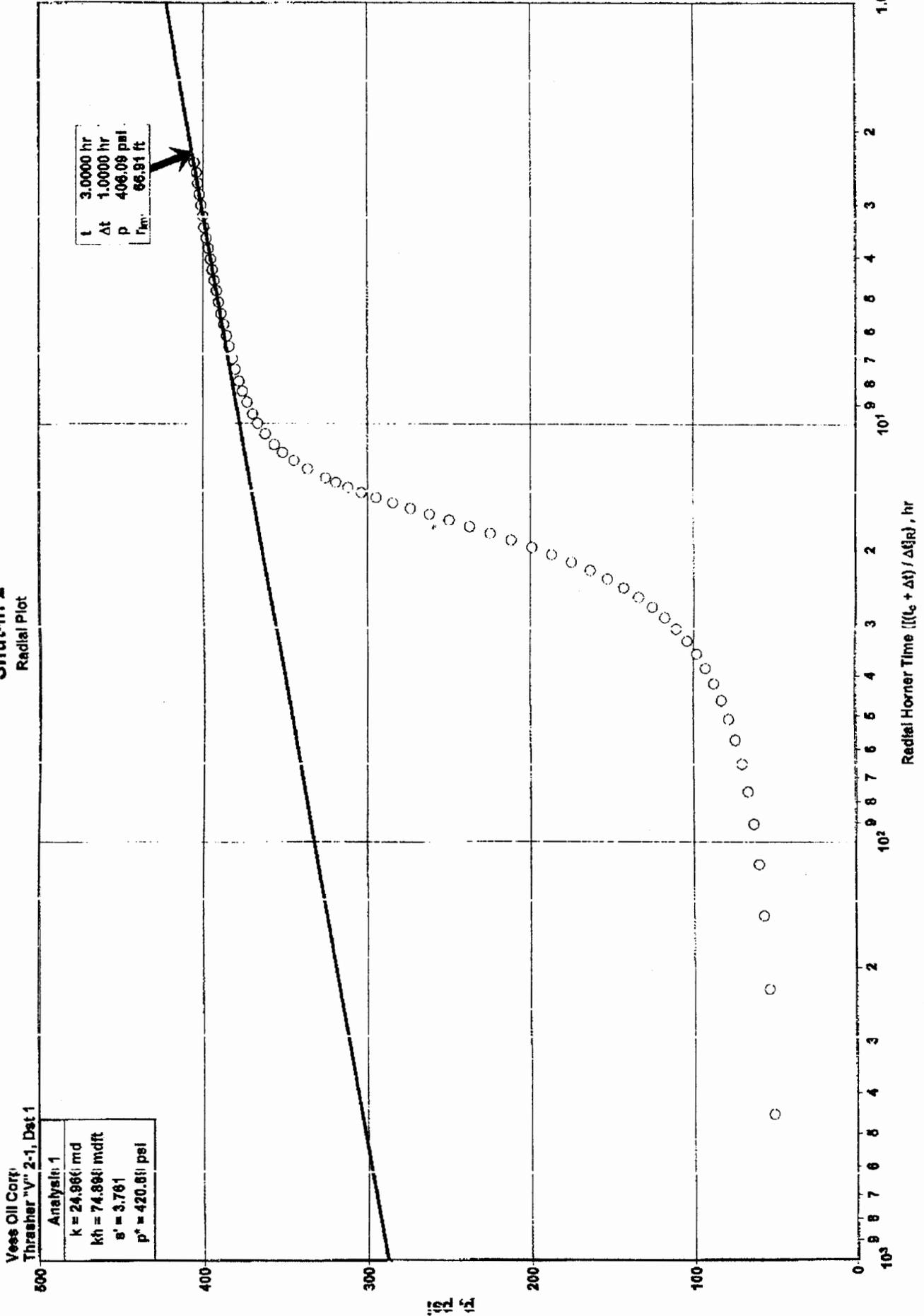
Corrected Flow Time (t_c)	1.2472 hr
Cumulative Oil Production During Test	0.539 bbl
Final Oil Rate	10.380 bbl/d

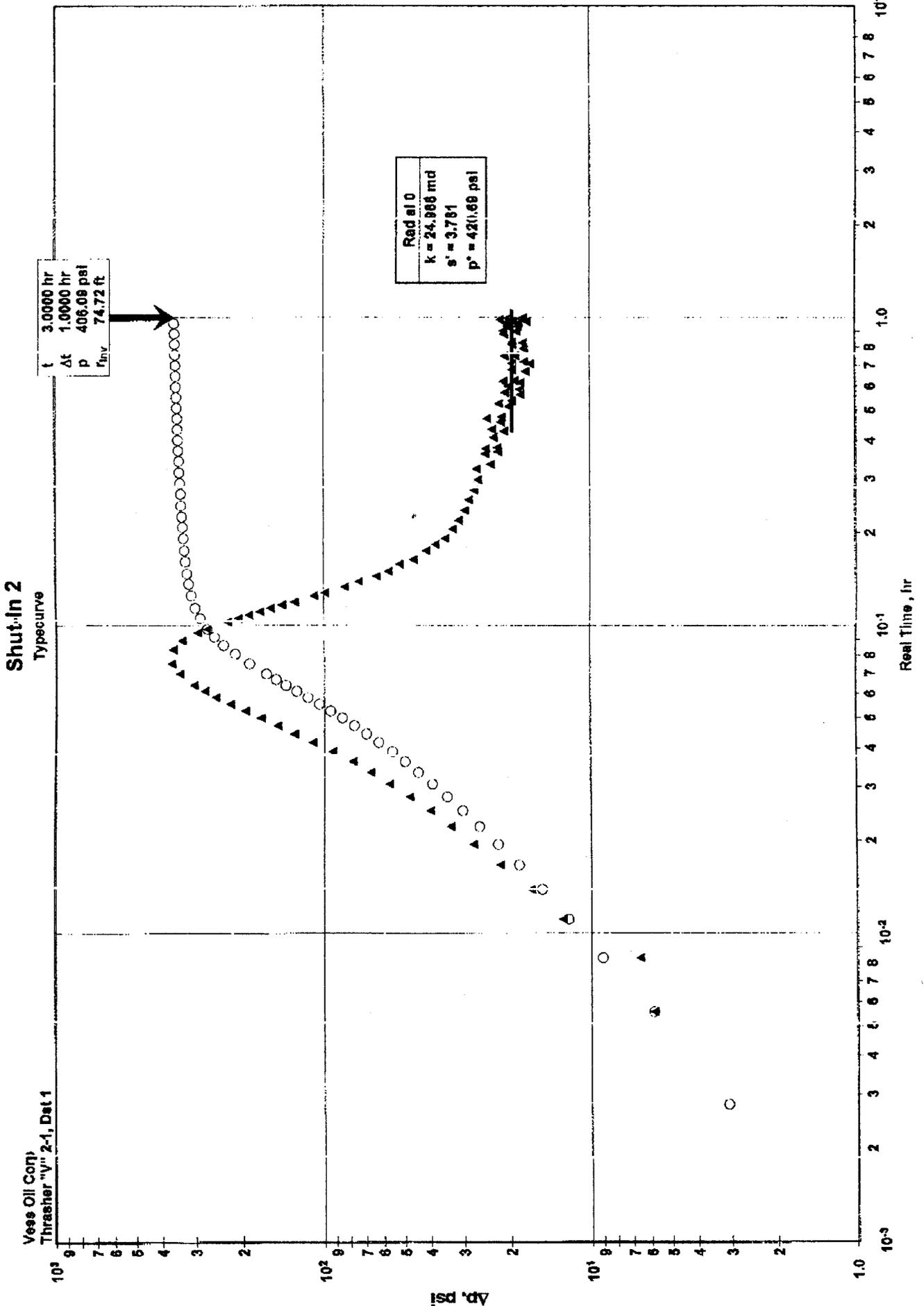
Fluid Properties

Oil Compressibility (c_o)	1.42244e-5 psi ⁻¹
Oil Formation Volume Factor (B_o)	1.111
Oil Viscosity (μ_o)	1.794 cp
Solution Gas Ratio (R_s)	154 scf/bbl
Oil Gravity (γ_o)	39.00 ° API
Gas Gravity (G)	0.650
PVT Reference Pressure (p_{pVT})	762.33 psi

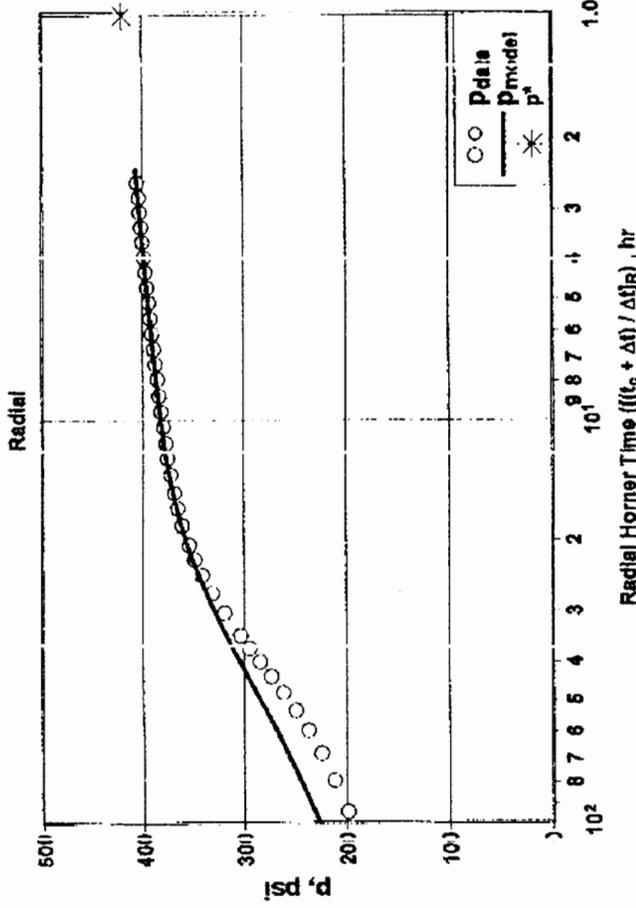


Shut-In 2 Radial Plot

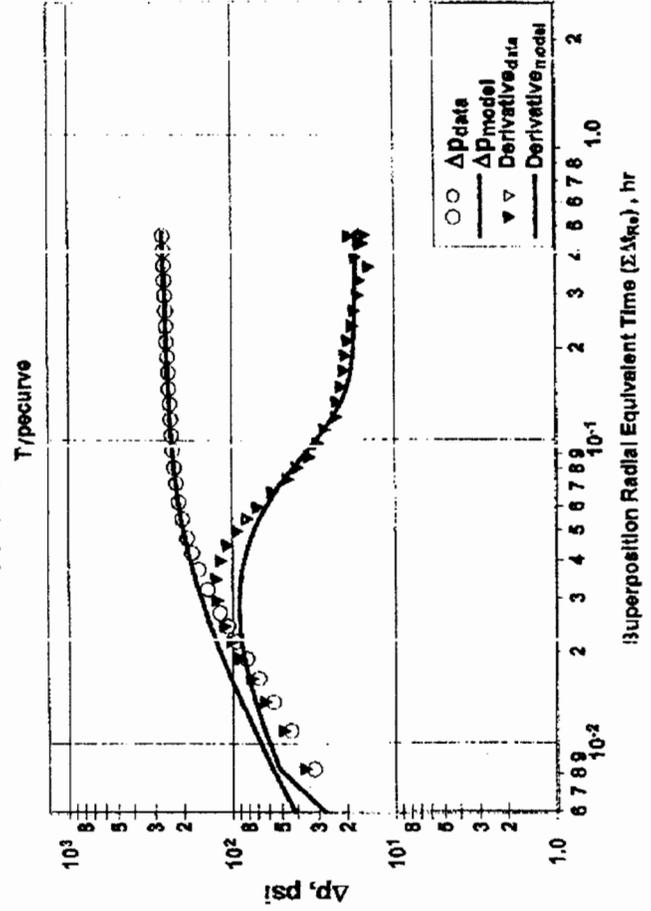




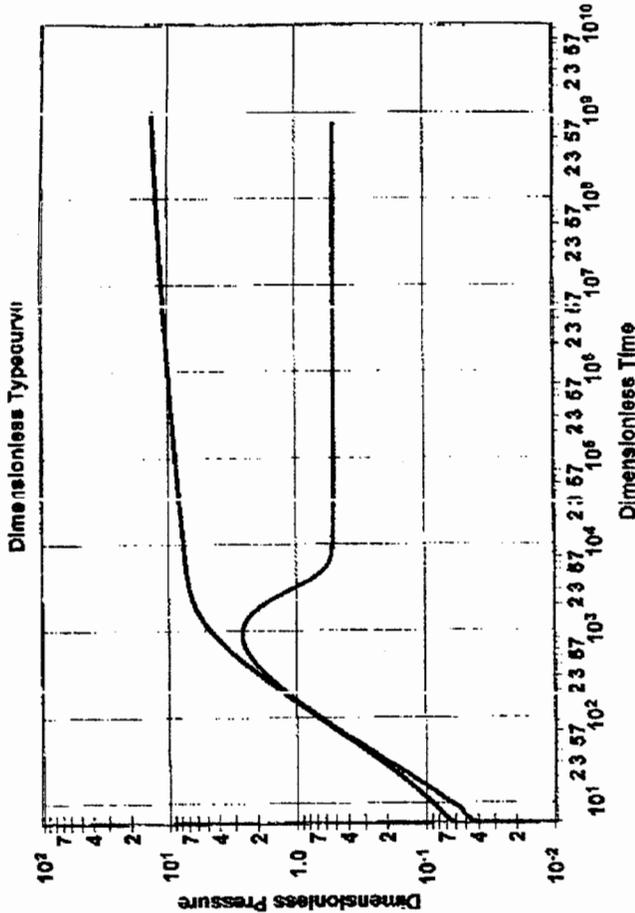
Vertical Oil-Well Model



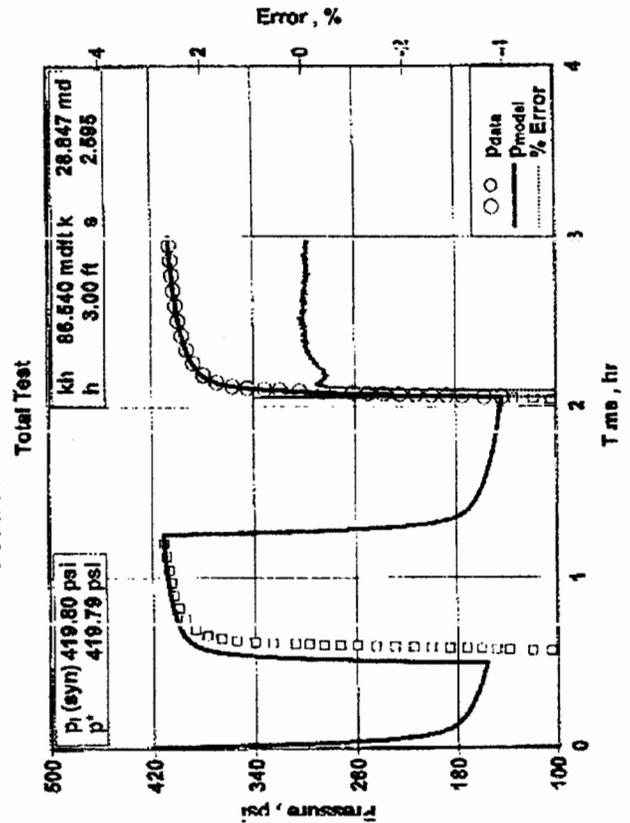
Vertical Oil-Well Model



Vertical Oil-Well Model



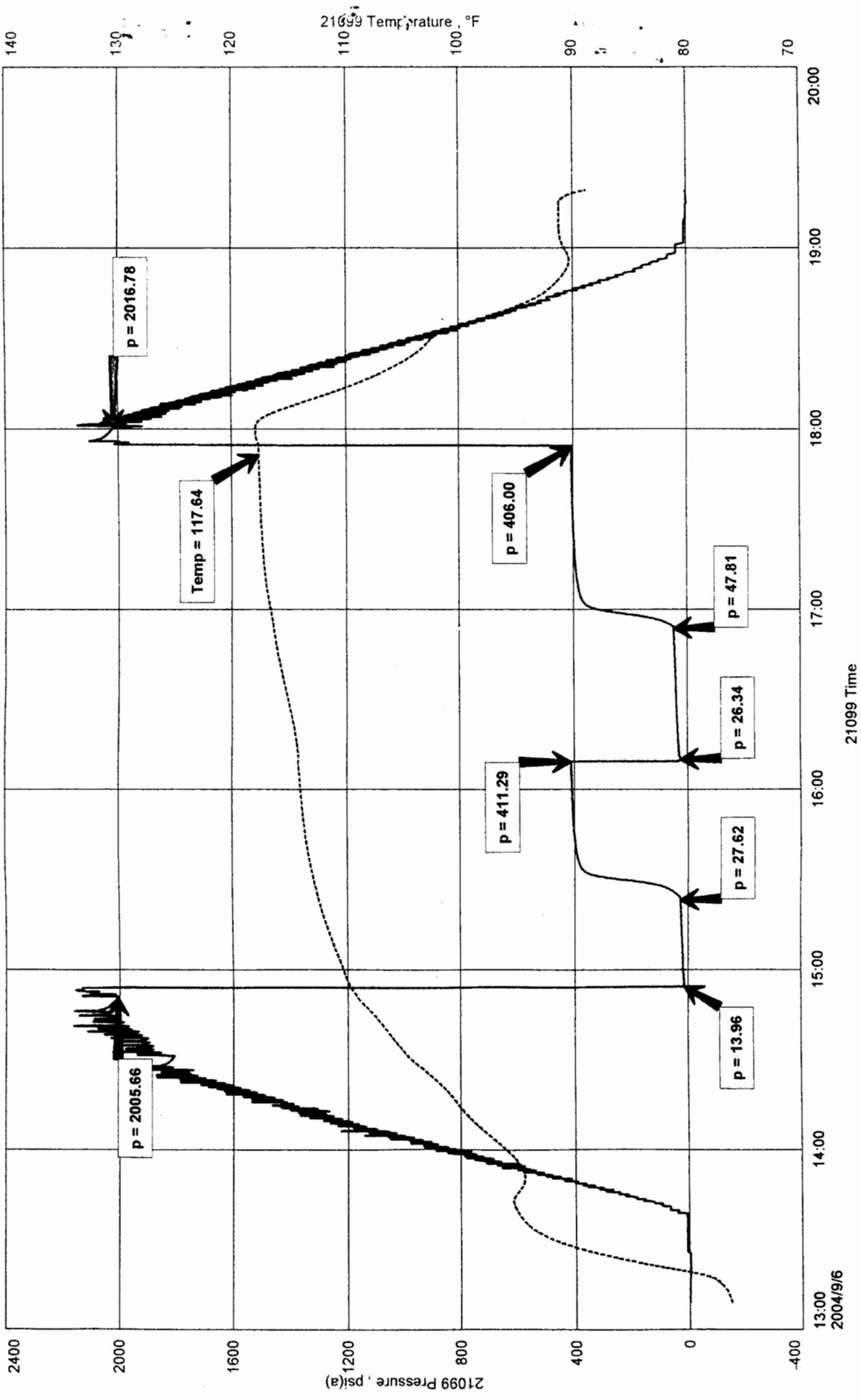
Vertical Oil-Well Model



VESS OIL CORPORATION
 DST #1 LKC "I" 4,290' - 4,323'
 Start Test Date: 2004/09/06
 Final Test Date: 2004/09/06

THRASHER "V" # 2-1
 Formation: DST w#1 LKC "I" 4,290' - 4,323'
 Pool: UNKNOWN

THRASHER "V" # 2-1



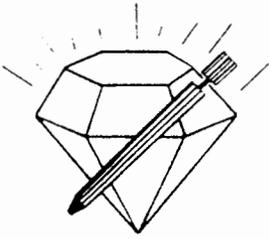
PHRASION N 2-1

DST #1

~~ROCK 1349D~~

OUTSIDE





DIAMOND TESTING

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DST 21099.D48

Company Vess Oil Corporation Lease & Well No. Thrasher "V" No. 2-1
Elevation 3191 KB Formation Lansing/Kansas City "J" Effective Pay -- Ft. Ticker No. J1541
Date 9-7-04 Sec. 1 Twp. 11S Range 34W County Logan State Kansas
Test Approved By Kim B. Shoemaker Diamond Representative John C. Riedl

Formation Test No. 2 Interval Tested from 4,319 ft. to 4,346 ft. Total Depth 4,346 ft.
Packer Depth 4,314 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Packer Depth 4,319 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 4,322 ft. Recorder Number 21099 Cap. 5,000 psi
Bottom Recorder Depth (Outside) 4,343 ft. Recorder Number 11017 Cap. 3,900 psi
Below Straddle Recorder Depth ft. Recorder Number Cap. psi

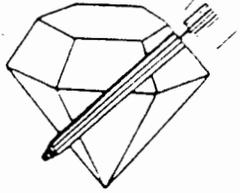
Drilling Contractor L.D. Drilling, Inc. - Rig 1 Drill Collar Length -- ft. I.D. -- in.
Mud Type Chemical Viscosity 53 Weight Pipe Length -- ft. I.D. -- in.
Weight 9.0 Water Loss 8.0 cc. Drill Pipe Length 4,299 ft. I.D. 3 1/2 in.
Chlorides 5,000 P.P.M. Test Tool Length 20 ft. Tool Size 3 1/2 - IF in.
Jars: Make Bowen Serial Number Not Run Anchor Length 27 ft. Size 4 1/2 - FH in.
Did Well Flow? No Reversed Out No Surface Choke Size 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: Weak, 2 in., blow. No blow back during shut-in.
2nd Open: No blow. No blow back during shut-in.

Recovered 30 ft. of gas in pipe
Recovered 5 ft. of clean oil = .051300 bbls. (Gravity: 39 @ 60°)
Recovered 25 ft. of slightly gassy & oil cut watery mud = .256500 bbls. (Grind out: 5%-gas; 10%-oil; 15%-water; 70%-mud)
Recovered 30 ft. of TOTAL FLUID = .307800 bbls.

Recovered ft. of
Remarks Tool Sample Grind Out: 8%-oil; 15%-water; 77%-mud

Time Set Packer(s) 4:29 ~~P.M.~~ ^{A.M.} Time Started Off Bottom 7:29 ~~P.M.~~ ^{A.M.} Maximum Temperature 115°
Initial Hydrostatic Pressure (A) 2066 P.S.I.
Initial Flow Period Minutes 30 (B) 14 P.S.I. to (C) 19 P.S.I.
Initial Closed In Period Minutes 45 (D) 224 P.S.I.
Final Flow Period Minutes 45 (E) 21 P.S.I. to (F) 27 P.S.I.
Final Closed In Period Minutes 60 (G) 220 P.S.I.
Final Hydrostatic Pressure (H) 2025 P.S.I.



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FLUID SAMPLE DATA

Company Vess Oil Corporation

Lease & Well No. Thrasher "V" No. 2-1

Date 9-7-04 Sec. 1 Twp. 11 S Range 34 W

Formation Test No. 2 Interval Tested From 4,319 ft. to 4,346 ft. Total Depth 4,346 ft.

Formation Lansing/Kansas City "J"

	<u>MUD PIT</u>	<u>RECOVERY</u>
Viscosity	<u>53</u> CP	<u>--</u> CP
Weight	<u>9.0</u>	<u>--</u>
Water Loss	<u>8.0</u> CC	<u>19.0</u> CC
PH Factor	<u>10.0</u>	<u>9.0</u>

	<u>RESISTIVITY</u>	<u>CHLORIDE CONTENT</u>
Recovery Water	<u>--</u> @ <u>--</u> °F.	<u>--</u> ppm
Recovery Mud	<u>.30</u> @ <u>64</u> °F.	<u>26,000</u> ppm
Recovery Mud Filtrate	<u>.36</u> @ <u>70</u> °F.	<u>18,000</u> ppm
Mud Pit Sample	<u>1.30</u> @ <u>55</u> °F.	<u>4,800</u> ppm
Mud Pit Sample Filtrate	<u>1.40</u> @ <u>55</u> °F.	<u>4,600</u> ppm

Sample Taken By JOHN C. RIEDL

Witness By KIM B. SHOEMAKER

Remarks Pit filtrate triton dish chlorides were 5,000 Ppm
Recovery filtrate triton dish chlorides were 16,500 Ppm

Vess Oil Corp.
Thrasher "V" #2-1, Dst #2

Comments relative to analysis of the drill stem test that was run in the Lower Kansas City by Diamond Testing.

This analysis is based upon the liquid recovery and equations applicable to liquid recovery tests; radial flow analysis and derivative analysis techniques. It has been assumed, for purposes of this analysis that the tested reservoir system consisted of a single porosity zone 3 feet in thickness with an average porosity of 8 percent. The character of the derivative pressures on the various diagnostic plots is somewhat anomalous. This type of flow regime is often times associated with either the presence of a constant pressure boundary or due to the reservoir system being only partially opened to the tested interval. A vertical oil-well model was used for type-curve matching and non-linear regression analysis.

The semi-log plots indicate a maximum initial reservoir pressure of 230 psi and a maximum final reservoir pressure of 231 psi, which is equivalent to a subsurface pressure gradient of 0.053 psi/ft at gauge depth. This pressure gradient is significantly lower than normal reservoir pressures which are generally 0.3 psi/ft to 0.4 psi/ft. The difference between the extrapolated initial and final reservoir pressures (1 Psi) is insignificant.

The Average Production Rate which was used in this analysis has been calculated from analysis of the flow pressure curves using a liquid gradient for the recovered oil of 0.359 psi/ft.

The calculated Skin Factors indicate 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



Drill Stem Test - Buildup

Radial Flow Analysis

Vess Oil Corp
Thrasher "V" 2-1, Dst 2

Analysis Results

Total Sandface Rate ($q_f B_f$)	6.066 bbl/d	Apparent Skin (s')	2.815
Semilog Slope (m)	29.07	Skin - Damage	2.815
Oil Permeability (k_o)	20.290 md	Pressure Drop Due to Skin (Δp_s)	71.11 psi
Flow Capacity (kh)	60.869 md.ft	Damage Ratio (DR)	3.064
Total Mobility (k/μ)	1.86 md/cp	Flow Efficiency (FE)	0.326
Total Transmissivity (kh/μ)	5.59 md.ft/cp		

Reservoir Parameters

Net Pay (h)	3.000 ft
Total Porosity (ϕ_t)	8.00 %
Water Saturation (S_w)	20.00 %
Oil Saturation (S_o)	80.00 %
Gas Saturation (S_g)	0.00 %
Wellbore Radius (r_w)	0.33 ft
Formation Temperature (T)	114.7 °F
Formation Compressibility (c_f)	5.334e-6 psi ⁻¹
Total Compressibility (c_t)	2.189e-5 psi ⁻¹

Pressures

Initial Pressure (p_i)	224.25 psi
Extrapolated Pressure (p^*)	231.13 psi
Final Flowing Pressure (p_{wf0})	24.79 psi

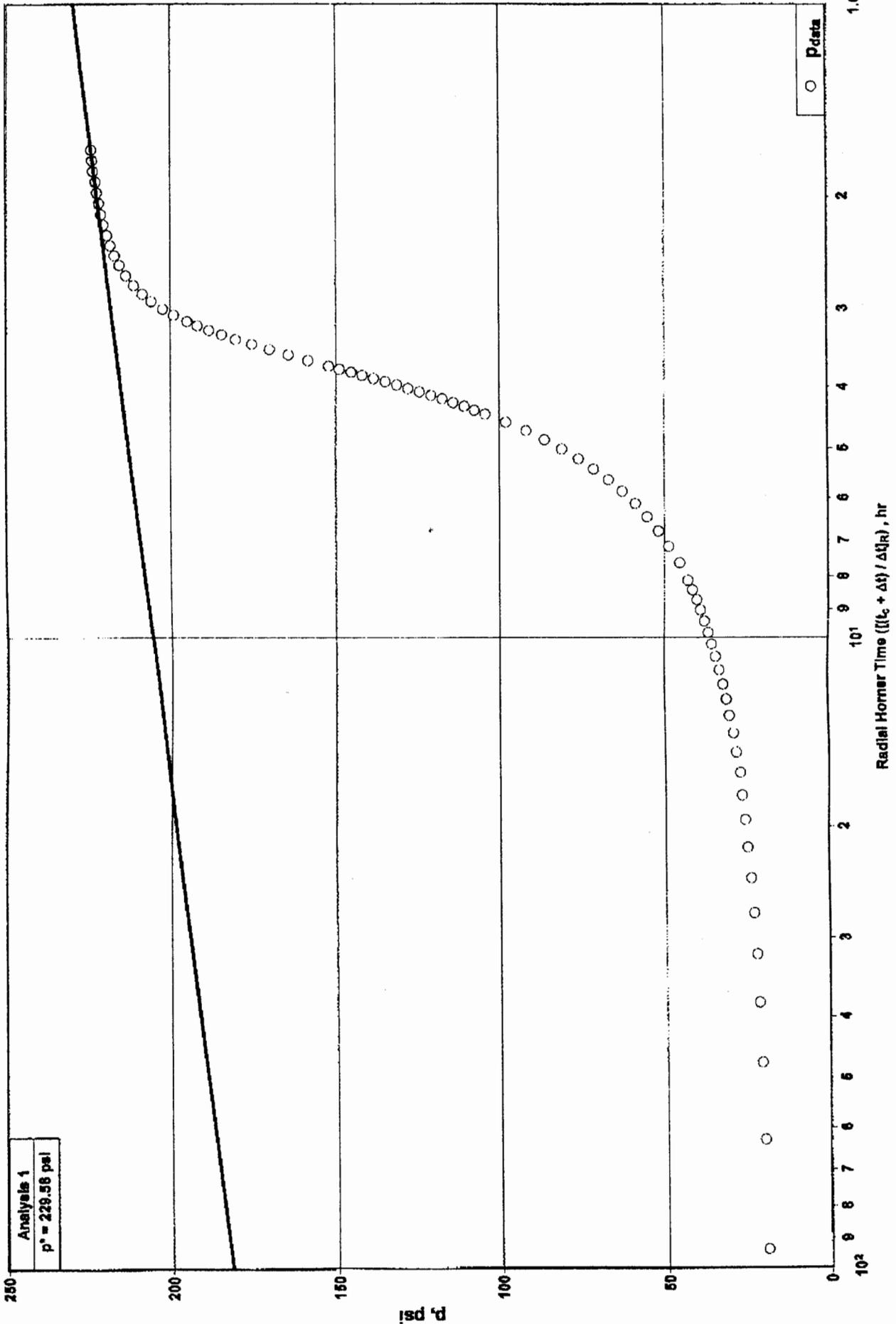
Production and Times

Corrected Flow Time (t_c)	1.2695 hr
Final Oil Rate	5.760 bbl/d

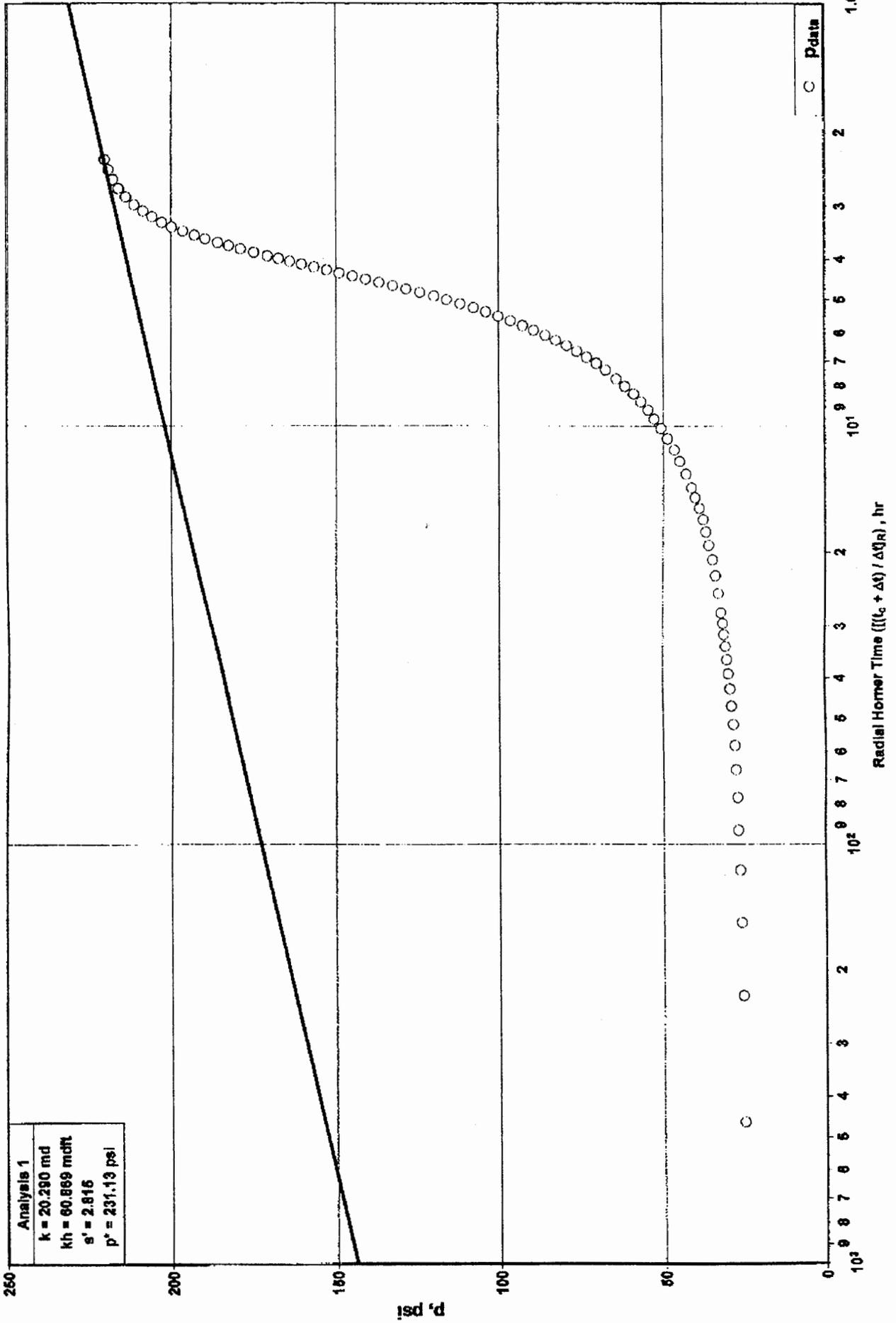
Fluid Properties

Oil Compressibility (c_o)	1.99063e-5 psi ⁻¹
Oil Formation Volume Factor (B_o)	1.053
Oil Viscosity (μ_o)	1.794 cp
Solution Gas Ratio (R_s)	36 scf/bbl
Oil Gravity (γ_o)	39.00 ° API
Gas Gravity (G)	0.650
PVT Reference Pressure (p_{pVT})	224.25 psi

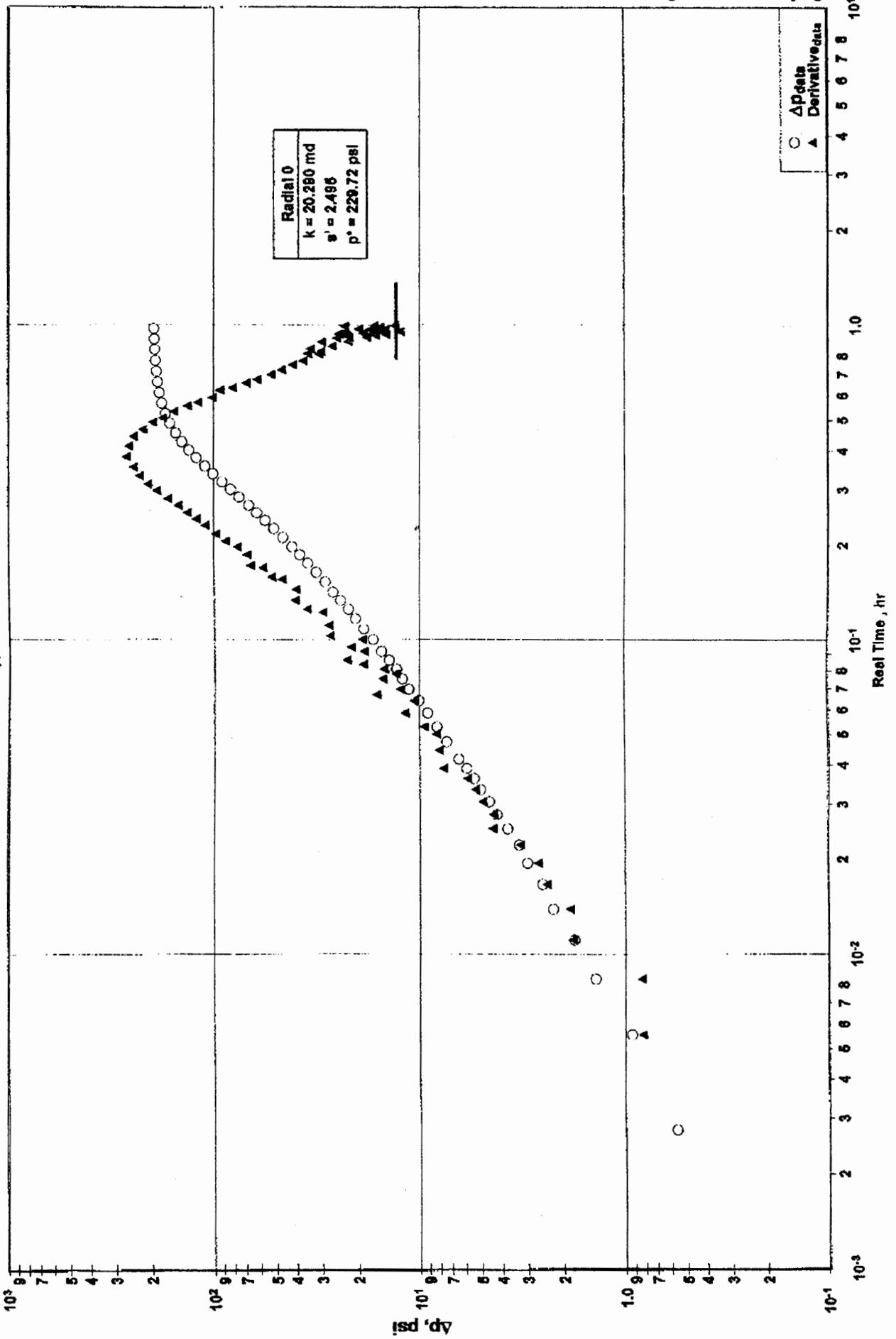
Shut-In 1 Radial Plot



Shut-In 2 Radial Plot



Shut-In 2
Typecurve



Vertical Oil Well Model

Vess Oil Corp
Thrasher "V" 2-1, Dst 2

Model Parameters

Oil Permeability (k_D)	13.585 md	Total Transmissivity (kh/μ_h)	22.72 md.ft/cp
Total Mobility (k/μ_h)	7.57 md/cp	Skin (s)	6.375

Formation Parameters

Net Pay (h)	3.000 ft
Total Porosity (ϕ_t)	8.00 %
Oil Saturation (S_o)	80.00 %
Gas Saturation (S_g)	0.00 %
Water Saturation (S_w)	20.00 %
Wellbore Radius (r_w)	0.33 ft
Formation Temperature (T)	114.7 °F
Formation Compressibility (c_f)	5.334e-6 psi ⁻¹
Total Compressibility (c_t)	2.189e-5 psi ⁻¹
Wellbore Storage Constant Dim. (C_D)	8884344.87

Fluid Properties

Oil Compressibility (c_o)	1.99063e-5 psi ⁻¹
Gas Compressibility (c_g)	4.60063e-3 psi ⁻¹
Water Compressibility (c_w)	3.14414e-6 psi ⁻¹
Oil Formation Volume Factor (B_o)	1.053
Gas Formation Volume Factor (B_g)	0.012467 bbl/scf
Water Formation Volume Factor (B_w)	1.008
Oil Viscosity (μ_o)	1.794 cp
Gas Viscosity (μ_g)	0.0113 cp
Water Viscosity (μ_w)	0.582 cp
Solution Gas Ratio (R_s)	36 scf/bbl
Oil Gravity (γ_o)	39.00 ° API
Gas Gravity (G)	0.650
PVT Reference Pressure (p_{pVT})	224.25 psi
Bubble Point Pressure (P_{bp})	224.25 psi

Production and Pressure

Q_{tBt}	6.066 bbl/d
Final Oil Rate	5.760 bbl/d
Final Flowing Pressure (p_{wfo})	91.47 psi
Final Measured Pressure	220.46 psi
Cumulative Oil Production During Test	0.368 bbl

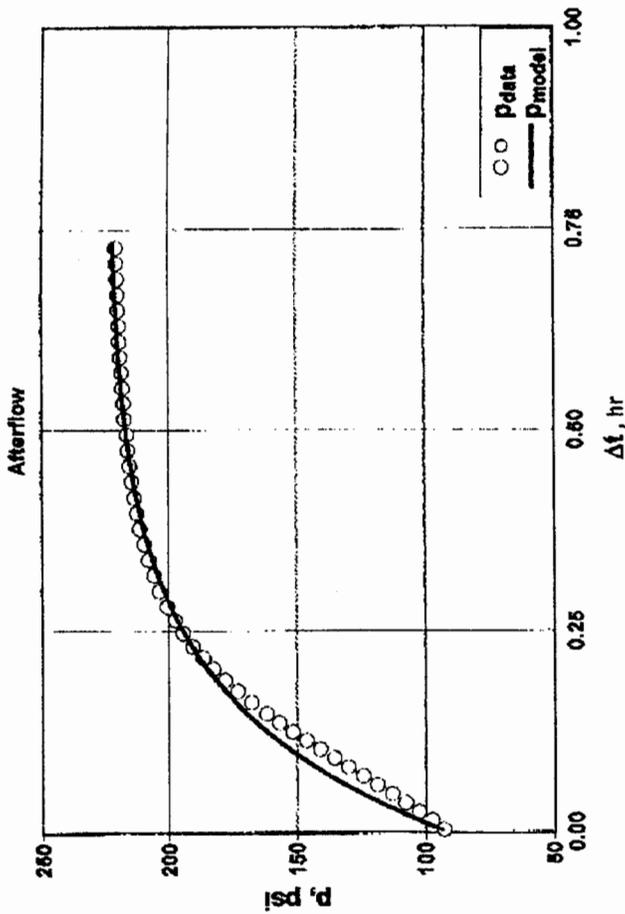
Synthesis Results

Average Error	-1.67 %
Synthetic Initial Pressure (p_i)	223.22 psi
Extrapolated Pressure at Specified Time	223.19 psi
Pressure Drop Due To Skin (Δp_s)	0.02 psi
Flow Efficiency (FE)	1.000
Damage Ratio (DR)	1.000

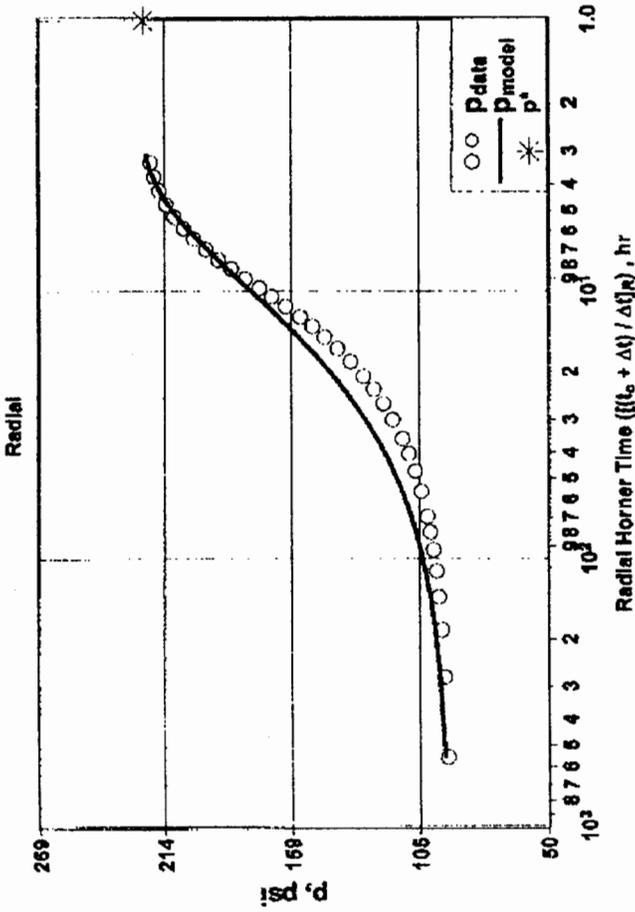
Forecasts

Forecast Flowing Pressure (P_{flow})	91.47 psi
3 - Month Constant Rate Forecast @ Curr. Skin	3.761 bbl/d
6 - Month Constant Rate Forecast @ Curr. Skin	2.899 bbl/d
Forecast Flow Duration (t_{flow})	12.00 month
Constant Rate Forecast @ Curr. Skin	2.126 bbl/d
PI / II (Total Liquids - Actual)	0.025 bbl/d/psi
Constant Rate Forecast @ Skin=0	2.686 bbl/d
PI / II (Total Liquids - Ideal)	0.026 bbl/d/psi
Constant Rate Forecast @ Skin=-4	3.873 bbl/d

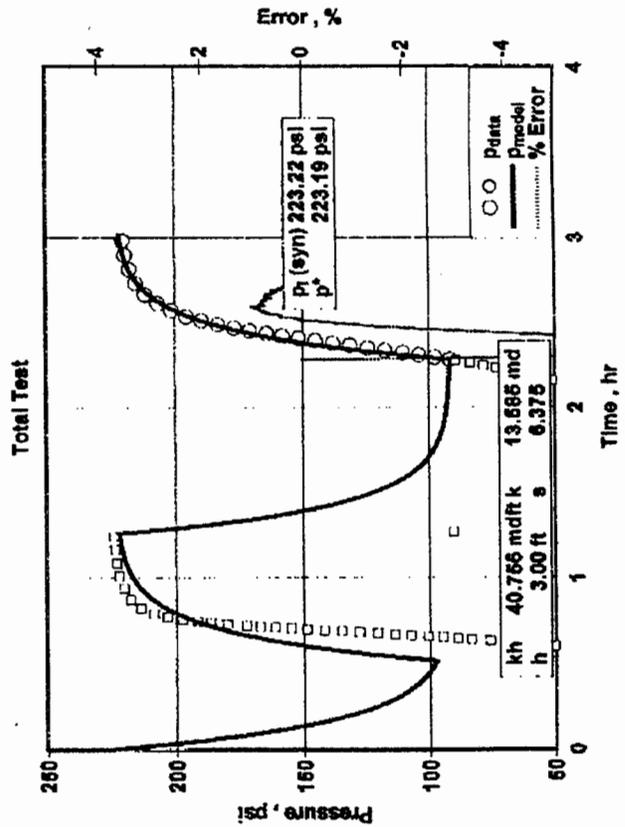
Vertical Oil-Well Model



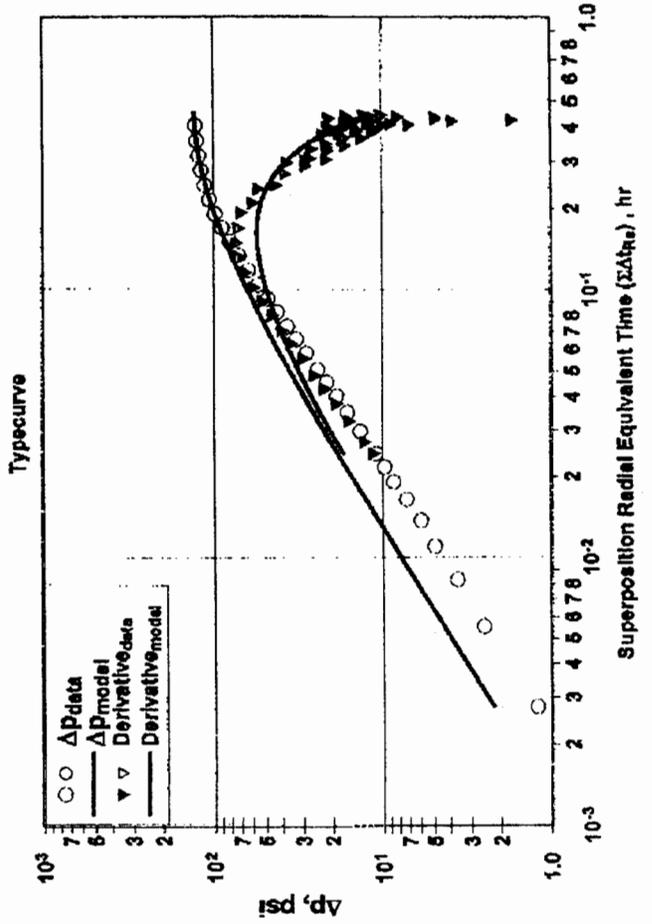
Vertical Oil-Well Model



Vertical Oil-Well Model



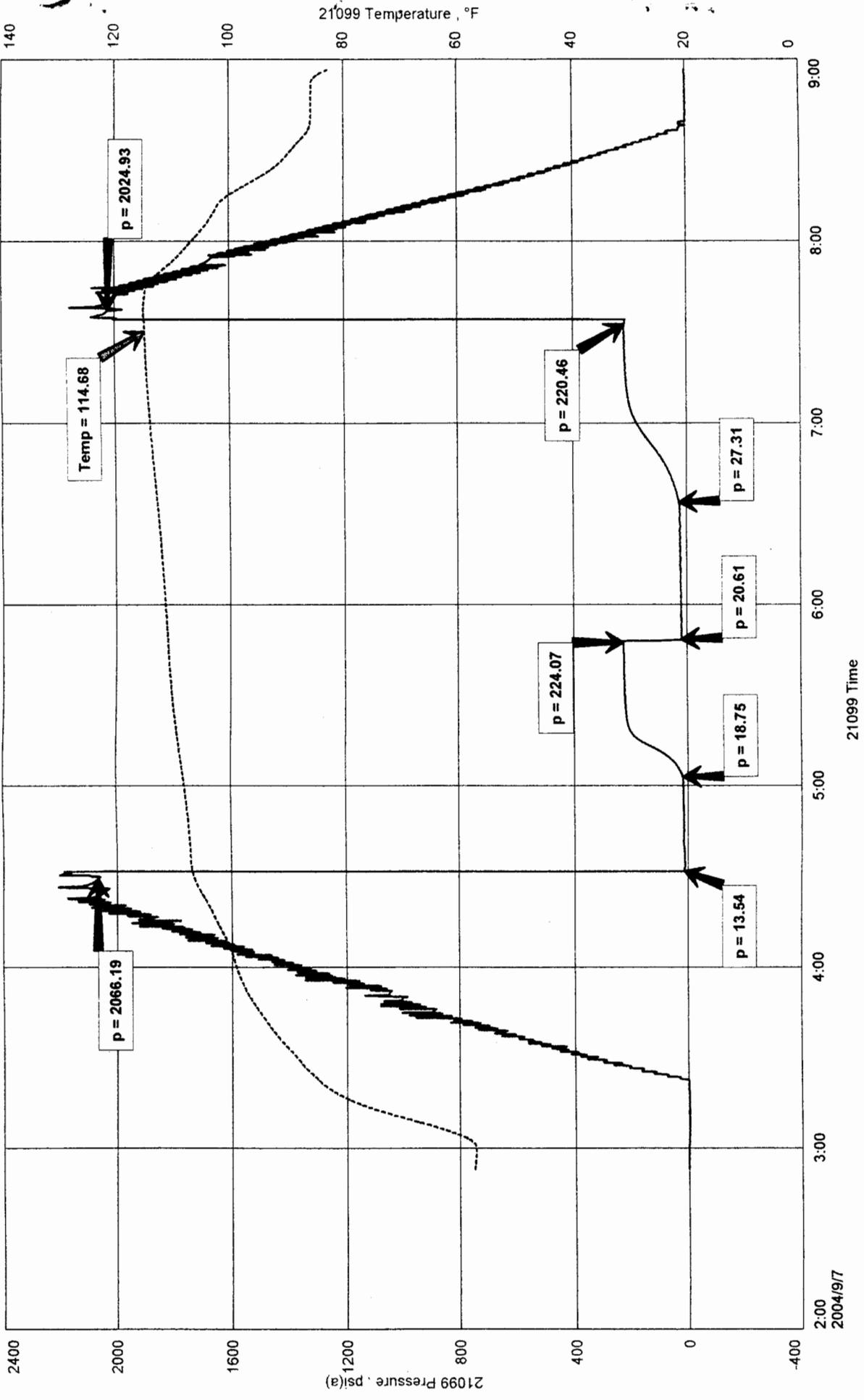
Vertical Oil-Well Model



THRASHER "V" #2-1
Formation: DST #2 LKC "J" 4,319' - 4,346'
Pool: UNKNOWN

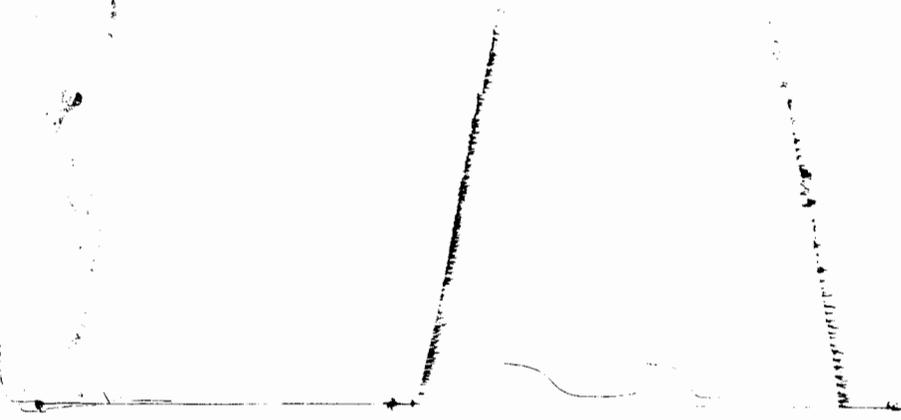
VESS OIL CORPORATION
DST #2 LKC "J" 4,319' - 4,346'
Start Test Date: 2004/09/07
Final Test Date: 2004/09/07

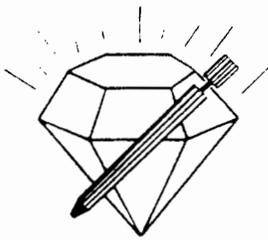
THRASHER "V" #2-1



Rock #1473 001518 DST #2

THROSTON U 21





DIAMOND TESTING

P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
STC 21099.D49

Company Vess Oil Corporation Lease & Well No. Thrasher "V" No. 2-1
Elevation 3191 KB Formation Lansing/Kansas City "K" Effective Pay 4 Ft. Ticket No. J1542
Date 9-7-04 Sec. 1 Twp. 11S Range 34W County Logan State Kansas
Test Approved By Kim B. Shoemaker Diamond Representative John C. Riedl

Formation Test No. 3 Interval Tested from 4,344 ft. to 4,377 ft. Total Depth 4,377 ft.
Packer Depth 4,339 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Packer Depth 4,344 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Depth of Selective Zone Set -- ft.

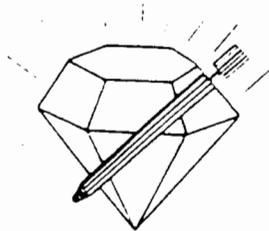
Top Recorder Depth (Inside) 4,347 ft. Recorder Number 21099 Cap. 5,000 psi
Bottom Recorder Depth (Outside) 4,374 ft. Recorder Number 11073 Cap. 3,900 psi
Below Straddle Recorder Depth -- ft. Recorder Number -- Cap. -- psi

Drilling Contractor L.D. Drilling, Inc. - Rig 1 Drill Collar Length -- ft. I.D. -- in.
Mud Type Chemical Viscosity 52 Weight Pipe Length -- ft. I.D. -- in.
Weight 9.2 Water Loss 10.0 cc. Drill Pipe Length 4,324 ft. I.D. 3 1/2 in.
Chlorides 8,000 P.P.M. Test Tool Length 20 ft. Tool Size 3 1/2 - IF in.
Jars: Make Bowen Serial Number Not Run Anchor Length 33 ft. Size 4 1/2 - FH in.
Did Well Flow? No Reversed Out No Surface Choke Size -- 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: Weak, 1/2 in., blow. No blow back during shut-in.
2nd Open: Weak, 1 in., blow. Decreasing to surface blow by end. No blow back during shut-in.

Recovered 200 ft. of gas in pipe
Recovered 15 ft. of clean oil = .153900 bbls. (Gravity: 36 @ 60°)
Recovered 30 ft. of heavy oil cut mud = .307800 bbls. (Grind out: 35%-oil; 65%-mud)
Recovered 45 ft. of TOTAL FLUID = .461700 bbls.
Recovered -- ft. of --
Remarks Tool Sample Grind Out: 3%-mud; 97%-oil

Time Set Packer(s) 5:56 XXX P.M. Time Started Off Bottom 8:56 XXX P.M. Maximum Temperature 115°
Initial Hydrostatic Pressure (A) 2062 P.S.I.
Initial Flow Period Minutes 30 (B) 14 P.S.I. to (C) 20 P.S.I.
Initial Closed In Period Minutes 45 (D) 647 P.S.I.
Final Flow Period Minutes 45 (E) 19 P.S.I. to (F) 33 P.S.I.
Final Closed In Period Minutes 60 (G) 598 P.S.I.
Final Hydrostatic Pressure (H) 2058 P.S.I.



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FLUID SAMPLE DATA

Company Vess Oil Corporation

Lease & Well No. Thrasher "V" No. 2-1

Date 9-7-04 Sec. 1 Twp. 11 S Range 34 W

Formation Test No. 3 Interval Tested From 4,344 ft. to 4,377 ft. Total Depth 4,377 ft.

Formation Lansing/Kansas City "K"

	MUD PIT	RECOVERY
Viscosity	<u>52</u> CP	<u>--</u> CP
Weight	<u>9.2</u>	<u>--</u>
Water Loss	<u>10.0</u> CC	<u>12.0</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>.75</u> @ <u>68</u> °F.	<u>9,000</u> ppm
Recovery Mud Filtrate	<u>.70</u> @ <u>66</u> °F.	<u>9,500</u> ppm
Mud Pit Sample	<u>.70</u> @ <u>72</u> °F.	<u>8,800</u> ppm
Mud Pit Sample Filtrate	<u>.80</u> @ <u>74</u> °F.	<u>7,700</u> ppm

Sample Taken By JOHN C. RIEDL

Witness By KIM B. SHOEMAKER

Remarks Pit filtrate triton dish chlorides were 8,000 Ppm
Recovery filtrate triton dish chlorides were 9,000 Ppm

GENERAL INFORMATION

Client Information:

Company: VESS OIL CORPORATION
Contact: BILL HORIGAN & PAT CANADAY
Phone: Fax: e-mail:

Site Information:

Contact: KIM SHOEMAKER
Phone: Fax: e-mail:

Well Information:

Name: THRASHER "V" # 2-1
Operator: VESS OIL CORPORATION
Location-Downhole: DST #3 LKC "K" 4,344' - 4,377'
Location-Surface: SEC 1-11S-34W LOGAN COUNTY

Test Information:

Company: DIAMOND TESTING
Representative: JOHN RIEDL
Supervisor: KIM SHOEMAKER
Test Type: CONVENTIONAL Job Number:
Test Unit: NO 2
Start Date: 2004/09/07 Start Time: 16:30:00
End Date: 2004/09/07 End Time: 22:22:20
Report Date: Prepared By:
Qualified By:

Remarks:

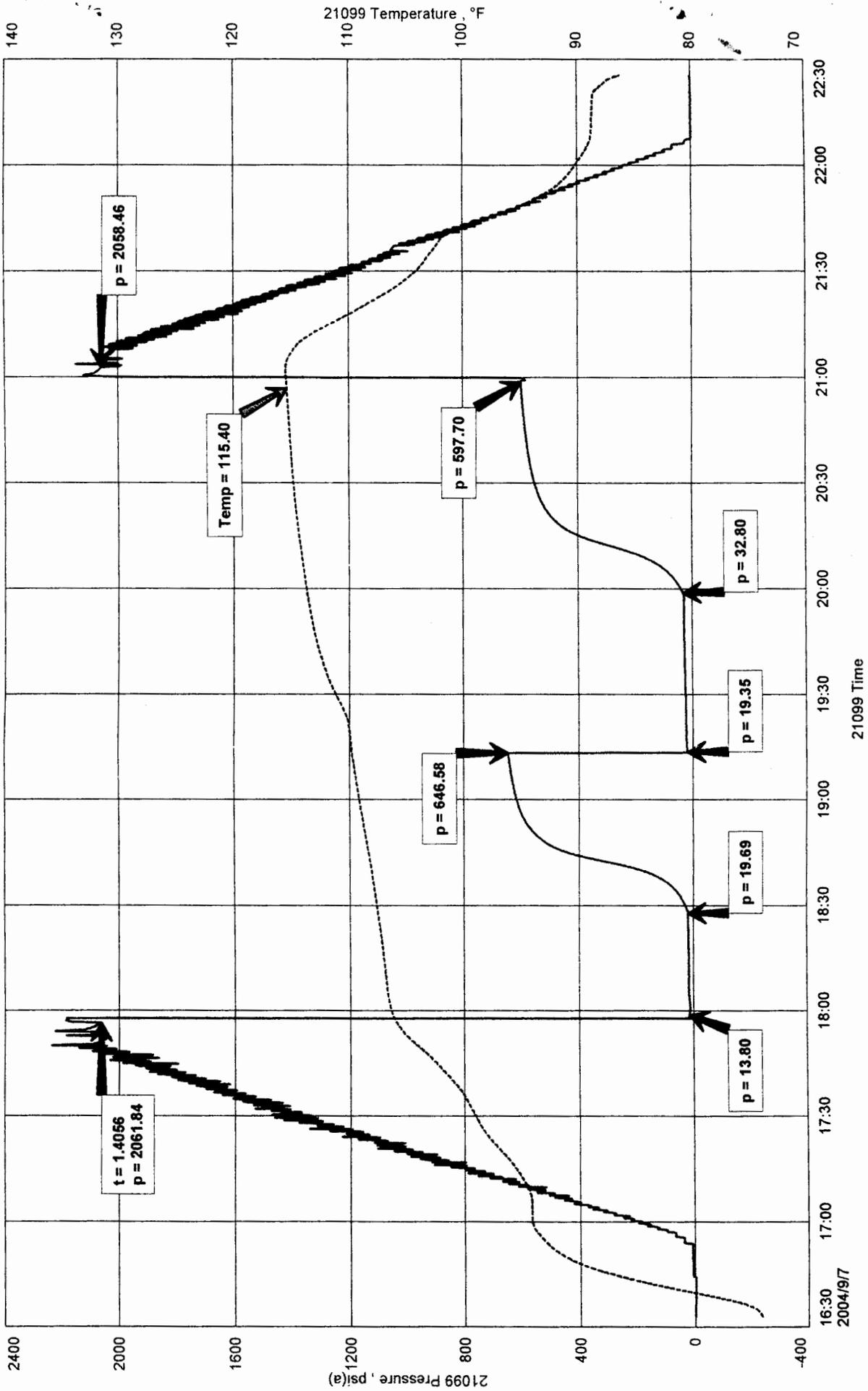
RECOVERED: 200' GAS IN PIPE
15' CO 36 GRAVITY @ 60 deg.
30' HOCM 35% OIL, 65% MUD
45' TOTAL FLUID

TOOL SAMPLE 3% MUD, 97% OIL

VESS OIL CORPORATION
 DST #3 LKC "K" 4,344' - 4,377'
 Start Test Date: 2004/09/07
 Final Test Date: 2004/09/07

THRASHER "V" # 2-1
 Formation: DST #3 LKC "K" 4,344' - 4,377'
 Pool: UNKNOWN

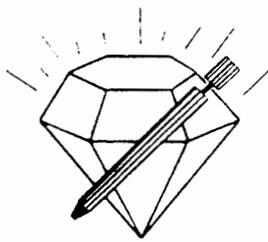
THRASHER "V" # 2-1



NOSS OK
HANSSEN #1

ROCK # 11073 OUTSIDE
LOG 4374





DIAMOND TESTING

P.O. Box 157
HOISINGTON, KANSAS 67544
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STC 21099.D50

Company Vess Oil Corporation Lease & Well No. Thrasher "V" No. 2-1

Elevation 3191 KB Formation Johnson Effective Pay -- Ft. Ticket No. J1543

Date 9-9-04 Sec. 1 Twp. 11S Range 34W County Logan State Kansas

Test Approved By Kim B. Shoemaker Diamond Representative John C. Riedl

Formation Test No. 4 Interval Tested from 4,643 ft. to 4,700 ft. Total Depth 4,700 ft.

Packer Depth 4,638 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 4,643 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 4,646 ft. Recorder Number 21099 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 4,697 ft. Recorder Number 11073 Cap. 3,900 psi

Below Straddle Recorder Depth ft. Recorder Number Cap. psi

Drilling Contractor L.D. Drilling, Inc. - Rig 1 Drill Collar Length -- ft. I.D. -- in.

Mud Type Chemical Viscosity 56 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.2 Water Loss 10.0 cc. Drill Pipe Length 4,623 ft. I.D. 3 1/2 in.

Chlorides 11,000 P.P.M. Test Tool Length 20 ft. Tool Size 3 1/2 - JF in.

Jars: Make Bowen Serial Number Not Run Anchor Length 57 ft. Size 4 1/2 - FH in.

Did Well Flow? No Reversed Out No Surface Choke Size 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: Weak, 1/2 in., blow. Dead in 18 mins.

2nd Open: No blow.

Recovered 3 ft. of slightly oil cut mud = .030780 bbls. (Grind out: 3%-oil; 97%-mud)

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks Tool Sample Grind Out: 5%-oil; 95%-mud

Time Set Packer(s) 3:43 ^{A.M.} ~~P.M.~~ Time Started Off Bottom 6:43 ^{A.M.} ~~P.M.~~ Maximum Temperature 118°

Initial Hydrostatic Pressure 2205 P.S.I. (A)

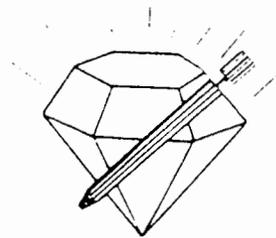
Initial Flow Period 30 Minutes (B) 14 P.S.I. to (C) 21 P.S.I.

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

Final Flow Period 45 Minutes (E) 24 P.S.I. to (F) 29 P.S.I.

Final Closed In Period 60 Minutes (G) 49 P.S.I.

Final Hydrostatic Pressure 2157 P.S.I. (H)



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Page 2 of 3 Pages

FLUID SAMPLE DATA

Company Vess Oil Corporation

Lease & Well No. Thrasher "V" No. 2-1

Date 9-9-04 Sec. 1 Twp. 11 S Range 34 W

Formation Test No. 4 Interval Tested From 4,643 ft. to 4,700 ft. Total Depth 4,700 ft.

Formation Johnson

	<u>MUD PIT</u>	<u>RECOVERY</u>
Viscosity	<u>56</u> CP	<u>--</u> CP
Weight	<u>9.2</u>	<u>--</u>
Water Loss	<u>10.0</u> CC	<u>9.0</u> CC
PH Factor	<u>9.5</u>	<u>10.0</u>

	<u>RESISTIVITY</u>	<u>CHLORIDE CONTENT</u>
Recovery Water	<u>--</u> @ <u>--</u> °F.	<u>--</u> ppm
Recovery Mud	<u>.60</u> @ <u>60</u> °F.	<u>12,000</u> ppm
Recovery Mud Filtrate	<u>.65</u> @ <u>62</u> °F.	<u>10,000</u> ppm
Mud Pit Sample	<u>.70</u> @ <u>63</u> °F.	<u>10,000</u> ppm
Mud Pit Sample Filtrate	<u>.65</u> @ <u>60</u> °F.	<u>11,000</u> ppm

Sample Taken By JOHN C. RIEDL

Witness By KIM B. SHOEMAKER

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

GENERAL INFORMATION

Client Information:

Company: VESS OIL CORPORATION
Contact: BILL HORIGAN & PAT CANADAY
Phone: Fax: e-mail:

Site Information:

Contact: KIM SHOEMAKER
Phone: Fax: e-mail:

Well Information:

Name: THRASHER "V" #2-1
Operator: VESS OIL CORPORATION
Location-Downhole: DST #4 JOHNSON 4,643'-4,700'
Location-Surface: SEC 1-11S-34W LOGAN COUNTY

Test Information:

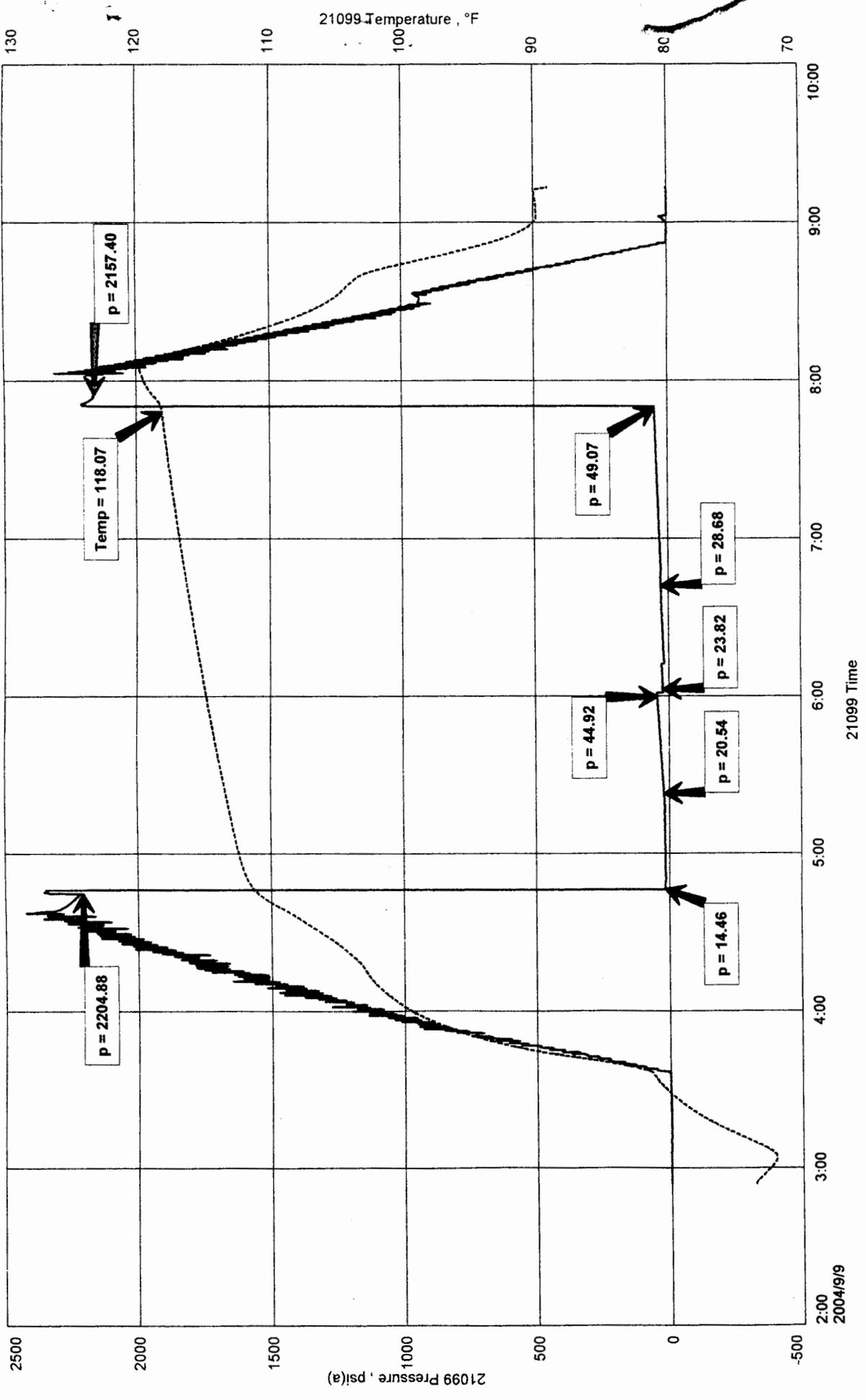
Company: DIAMOND TESTING
Representative: JOHN RIEDL
Supervisor: KIM SHOEMAKER
Test Type: CONVENTIONAL Job Number:
Test Unit: NO 2
Start Date: 2004/09/09 Start Time: 01:51:00
End Date: 2004/09/09 End Time: 08:10:20
Report Date: Prepared By:
Remarks: Qualified By:

RECOVERED 3' SLTOCM 3% OIL 97 % MUD
TOOL SAMPLE 5% OIL, 95% M UD.

VESS OIL CORPORATION
 DST #4 JOHNSON 4,643'-4,700'
 Start Test Date: 2004/09/09
 Final Test Date: 2004/09/09

THRASHER "V" #2-1
 Formation: DST #4 JOHNSON 4,643' - 4,700'
 Pool: UNKNOWN

THRASHER "V" #2-1



T. H. ASHLEY V. 2-7

~~28~~

RSC # 22073

OUTSIDE
LOG 4667

