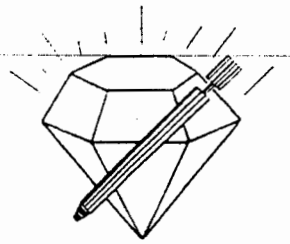
1-11-34W



DIAMOND TESTING

P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
STC 21076.D35

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

Elevation 3192 KB Formation Lansing/Kansas City "K" Effective Pay -- Ft. Ticket No. 1815

Date 12-19-03 Sec. 1 Twp. 11S Range 34W County Logan State Kansas

Test Approved By Kim B. Shoemaker Diamond Representative Roger D. Friedly

Formation Test No. 4 Interval Tested from 4,342 ft. to 4,371 ft. Total Depth 4,371 ft.

Packer Depth 4,335 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 4,342 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 4,328 ft. Recorder Number Elec. Cap. 5,000 psi

Bottom Recorder Depth (Outside) 4,368 ft. Recorder Number 13386 Cap. 4,000 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 47 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.1 Water Loss 11.2 cc. Drill Pipe Length 4,317 ft. I.D. 3½ in.

Chlorides 12,000 P.P.M. Test Tool Length 25 ft. Tool Size 3 1/2 - IF in.

Jars: Make Bowen Serial Number Not Run Anchor Length 29 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: Weak, ¼ in., blow increasing to 6½ ins. Weak, ¼ in., blow back during shut-in.
2nd Open: Fair, 1 in., blow increasing to 10½ ins. Weak, ¼ in., blow back during shut-in.

Recovered 141 ft. of gas in pipe

Recovered 15 ft. of clean oil = .153900 bbls. (Gravity: 38 @ 60°)

Recovered 30 ft. of gas & oil cut mud = .307800 bbls. (Grind out: 10%-gas; 34%-oil; 56%-mud)

Recovered 45 ft. of TOTAL FLUID = .461700 bbls.

Recovered ft. of

Remarks Tool Sample Grind Out: 2%-gas; 2%-water; 35%-mud; 61%-oil

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Time Set Packer(s) 10:44 ~~A.M.~~ P.M. Time Started Off Bottom 1:44 ~~P.M.~~ A.M. Maximum Temperature 107°

Initial Hydrostatic Pressure			(A) 2061	P.S.I.		
Initial Flow Period	Minutes 30		(B) 7	P.S.I.	to (C) 19	P.S.I.
Initial Closed In Period	Minutes 45		(D) 433	P.S.I.		
Final Flow Period	Minutes 45		(E) 16	P.S.I.	to (F) 26	P.S.I.
Final Closed In Period	Minutes 60		(G) 415	P.S.I.		
Final Hydrostatic Pressure			(H) 2066	P.S.I.		

DIAMOND TESTING
P. O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313

FLUID SAMPLE DATA

Company Vess Oil Corporation

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

Date 12-19-03 Sec. 1 Twp. 11 S Range 34 W

Formation Test No. 4 Interval Tested From 4,342 ft. to 4,371 ft. Total Depth 4,371 ft.

Formation Lansing/Kansas City "K"

	MUD PIT	RECOVERY	
Viscosity	47 CP	-- CP	TOO OILY
Weight	9.1	--	
Water Loss	11.2 CC	-- CC	
PH Factor	11.0	--	

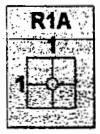
	RESISTIVITY		CHLORIDE CONTENT
Recovery Water	-- @	--°F.	-- ppm
Recovery Mud	-- @	--°F.	-- ppm
Recovery Mud Filtrate	-- @	--°F.	-- ppm
Mud Pit Sample	.42 @	66°F.	16,500 ppm
Mud Pit Sample Filtrate	.43 @	70°F.	15,500 ppm

Sample Taken By ROGER D. FRIEDLY

Witness By Kim B. Shoemaker

Remarks Pit filtrate triton dish chlorides were 12,000 Ppm

Oil Well Test - Buildup
Radial Flow Analysis



VESS OIL CORP

#1 THRASHER V

DST #4 LKC "K" 4342'-4371'

Analysis Results

Total Sandface Rate (q_tB_t)	8.914 bbl/d	Apparent Skin (s')	-1.587
Semilog Slope (m)	201.60	Skin - Damage	-1.587
Gas Permeability (k_g)	md	Skin - Inclination	0.000
Oil Permeability (k_o)	1.942 md	Skin - Partial Penetration	
Water Permeability (k_w)	md	Pressure Drop Due to Skin (Δp_s)	psi
Flow Capacity (kh)	7.769 md.ft	Damage Ratio (DR)	0.884
Total Mobility (k/μ_t)	1.80 md/cp	Flow Efficiency (FE)	1.131
Total Transmissivity(kh/μ_t)	7.19 md.ft/cp		

Reservoir Parameters

Net Pay (h)	4.000 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)	0.30 ft
Formation Temperature (T)	107.0 °F
Formation Compressibility (c_f)	5.334e-6 psi^{-1}
Total Compressibility (c_t)	1.604e-5 psi^{-1}

Pressures

Initial Pressure (p_i)	2139.40 psi
Extrapolated Pressure (p*)	480.63 psi
Ave. Reservoir Press	480.60 psi
Final Flowing Pressure (p_{wfo})	18.19 psi

Production and Times

Corrected Flow Time (t_c)	0.5139 hr
Cumulative Oil Production	0.150 bbl
Final Oil Rate	7.000 bbl/d

Fluid Properties

Oil Compressibility (c_o)	1.26375e-5 psi^{-1}
Oil Formation Volume Factor (B_o)	1.273
Oil Viscosity (μ_o)	1.081 cp
Solution Gas Ratio (R_s)	517 scf/bbl
Oil Gravity (y_o)	38.00 ° API
Gas Gravity (G)	0.650
PVT Reference Pressure (p_{PVT})	2139.40 psi

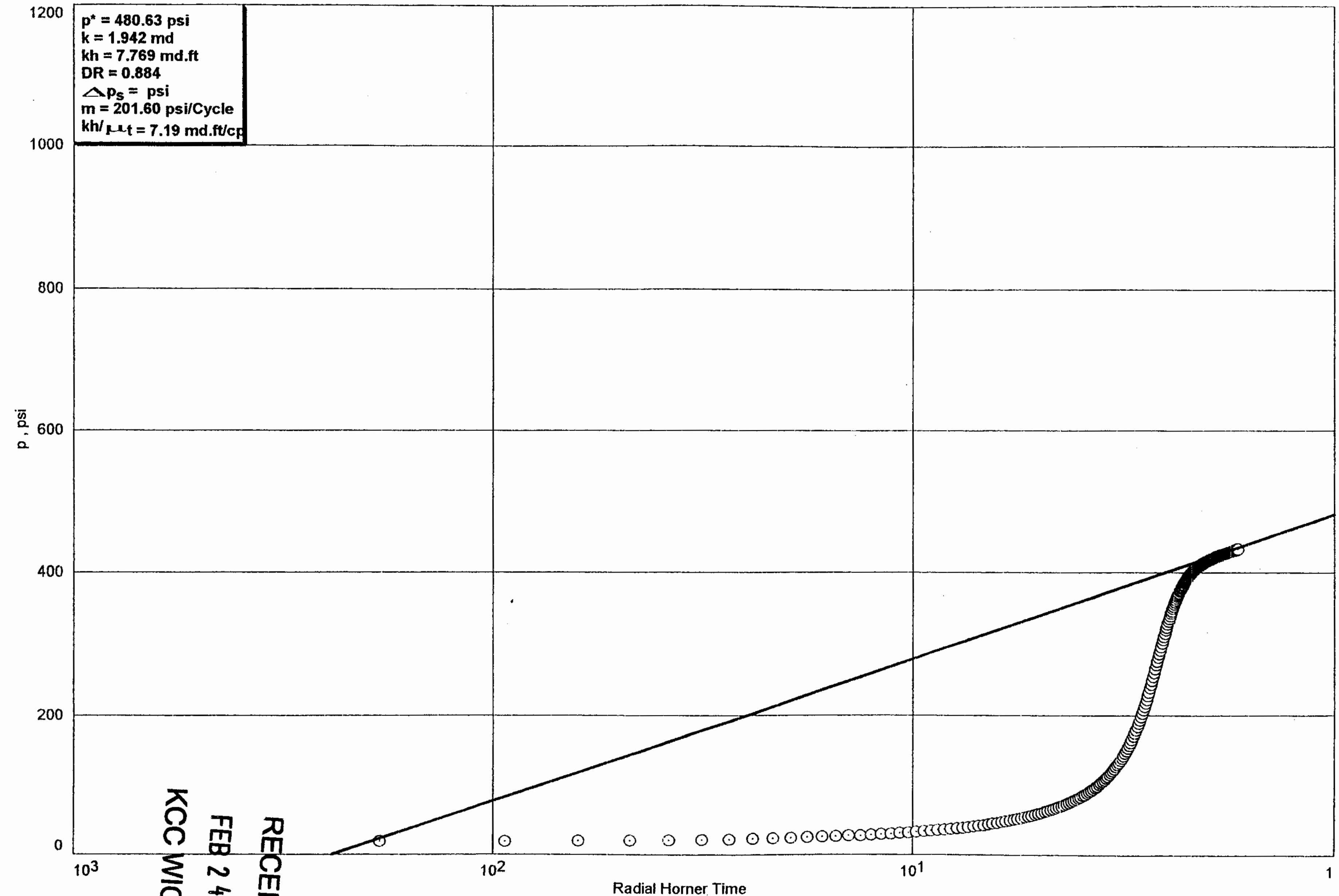
Extended Rates Calculations

Specified Flowing Pressure	18.19 psi
Specified Reservoir Pressure	480.60 psi
Drainage Area	160.0 acres
3 - Month Constant Rate	bbl/d
6 - Month Constant Rate	bbl/d
Stabilized Rate @ Current Skin	2.719 bbl/d
Stabilized Rate @ Skin of 0	2.204 bbl/d
Stabilized Rate @ Skin of -4	4.214 bbl/d
PI / II (Total Liquids - Actual)	0.015 bbl/d/psi
PI / II (Total Liquids - Ideal)	0.009 bbl/d/psi
Stab. PI / II (Total Liquids - Actual)	0.006 bbl/d/psi
Stab. PI / II (Total Liquids - Ideal)	0.004 bbl/d/psi

Fast

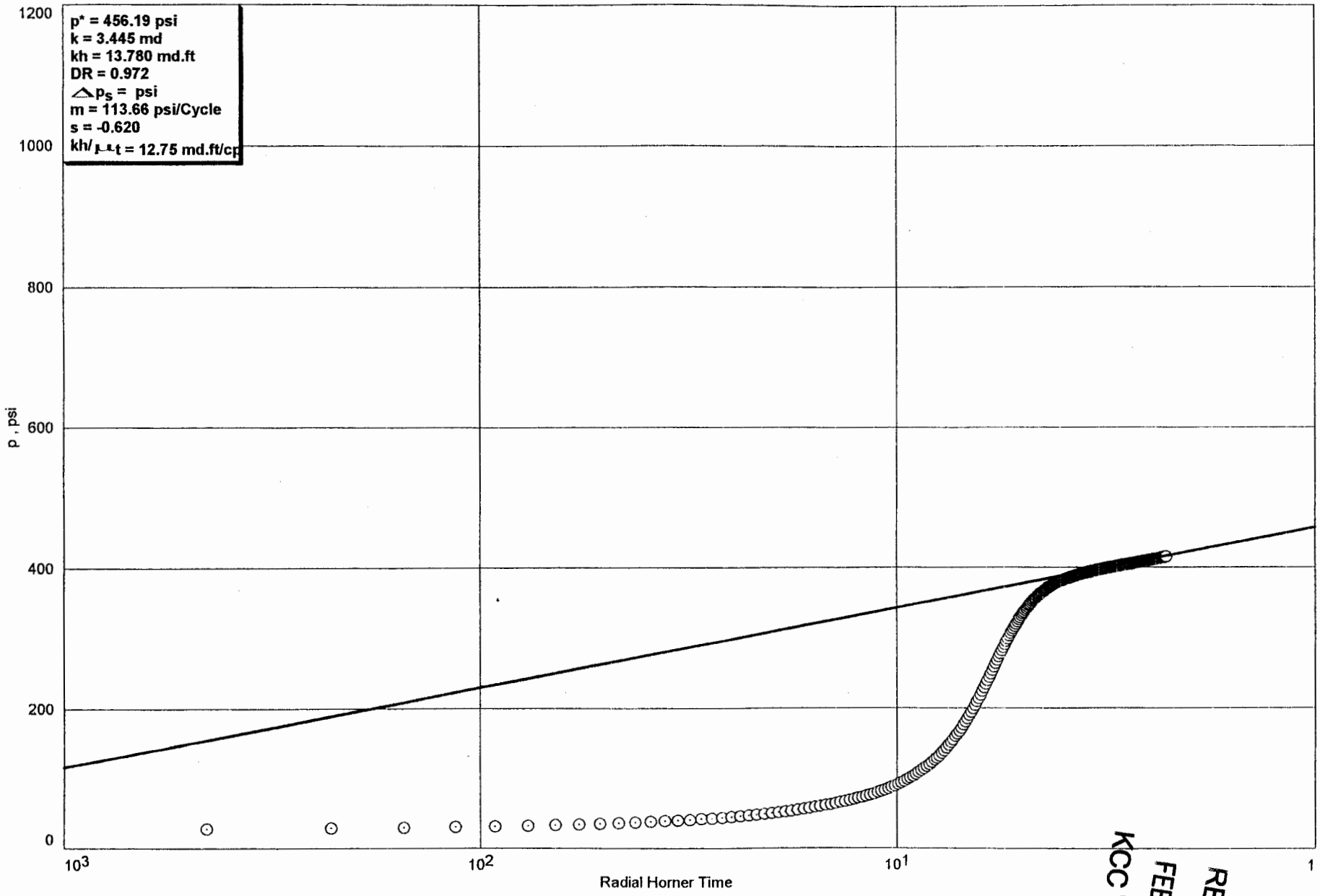
VESS OIL CORP
#1 THRASHER V
DST #4 LKC "K" 4342'-4371'

HORNER PLOT INITIAL SHUT IN



VESS OIL CORP
#1 THRASHER V
DST #4 LKC "K" 4342'-4371'

HORNER PLOT FINAL SHUT IN



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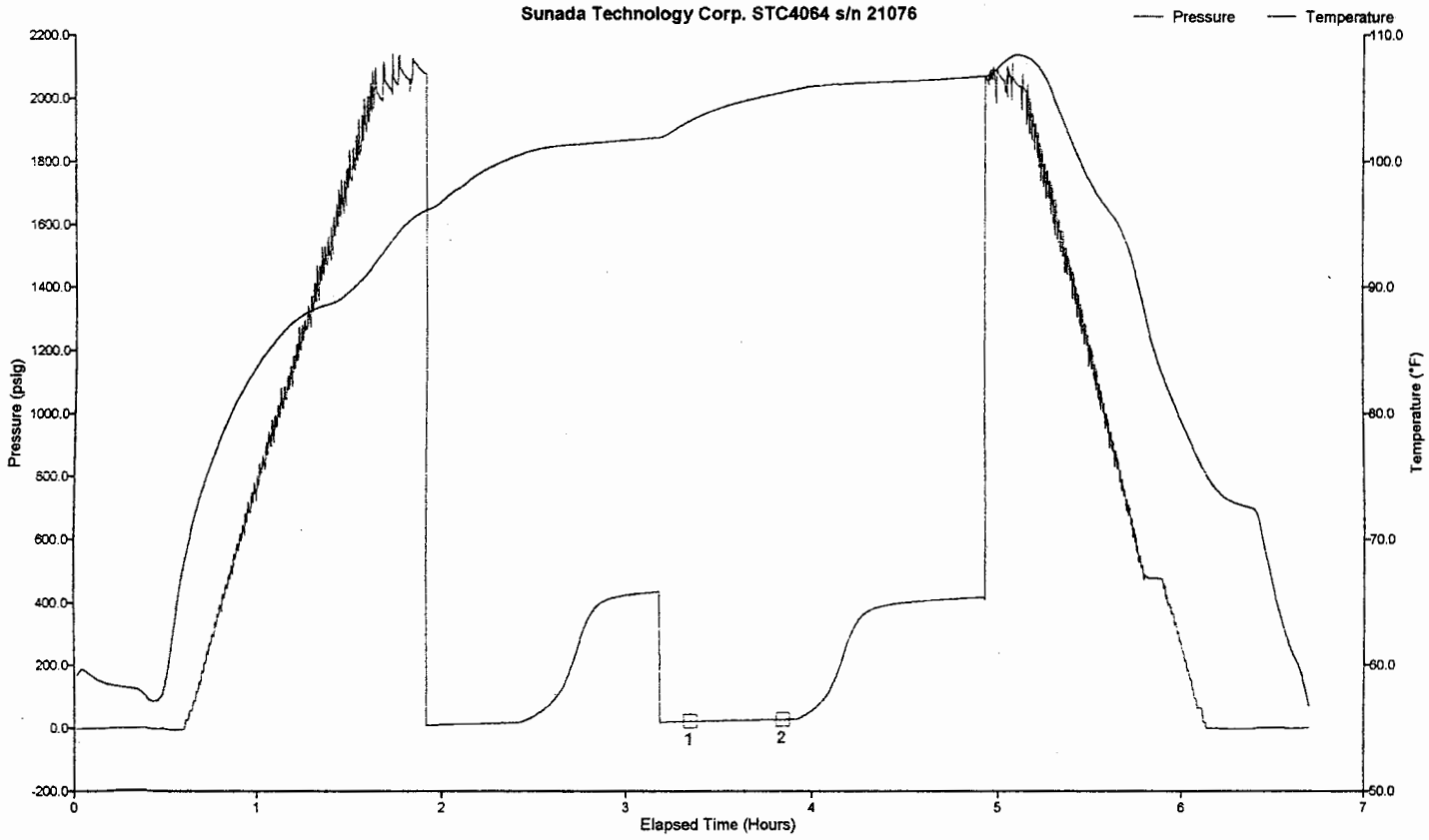
VESS OIL CORP

DESCRIPTION	SECOND READING	FIRST READING	PRESSURE CHANGE	PIPE SIZE	FLUID GRADIENT	TIME CHANGE	TOTAL TIME	DAILY PRODUCTION	AVERAGE % OIL	ESTIMATED PRODUCTION
FINAL FLOW PERIOD	26	21	5	0.0104	0.3615	30	1440	6.904564315	1.00	6.905

#1 THRASHER V DST #4 4342'-4371'

Well LSD: XDST #4 LKC "K" 4342'-4371'
Well Name: 1 THRASHER V
Company: VESS OIL CORP
Battery on: Dec 19, 2003 at 20:49:00
Notes:ESTIMATED PRODUCTION WORKSHEET



Tag	Pressure	Temperature	Comment
1	20.77 psig	103.25 °F	2003-12-20 00:10:00
2	26.36 psig	105.44 °F	2003-12-20 00:40:00

Vess Oil Corp.
#1 Thrasher V, Dst #4

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Comments relative to analysis of the drill stem test that was run in the Lower Kansas City formation 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 4 feet in thickness with an average porosity of 8 percent. A change in slope is noted on the diagnostic plots indicating a significant reduction in reservoir quality at some distance from the well-bore and may be indicating the presence of a boundary. A vertical oil-well model with a boundary was used for history matching and non-linear regression analysis.

The semi-log plots indicate a maximum initial reservoir pressure of 475 psi and a maximum final reservoir pressure of 453 psi, which is equivalent to a subsurface pressure gradient of 0.105 psi/ft at gauge depth. The difference between the extrapolated initial and final reservoir pressures (22 Psi) is equivalent to approximately 4.6% drawdown and may be considered significant.

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 0.362 psi/ft.

The calculated Skin Factors indicate no well-bore damage was present at the time of this formation test.

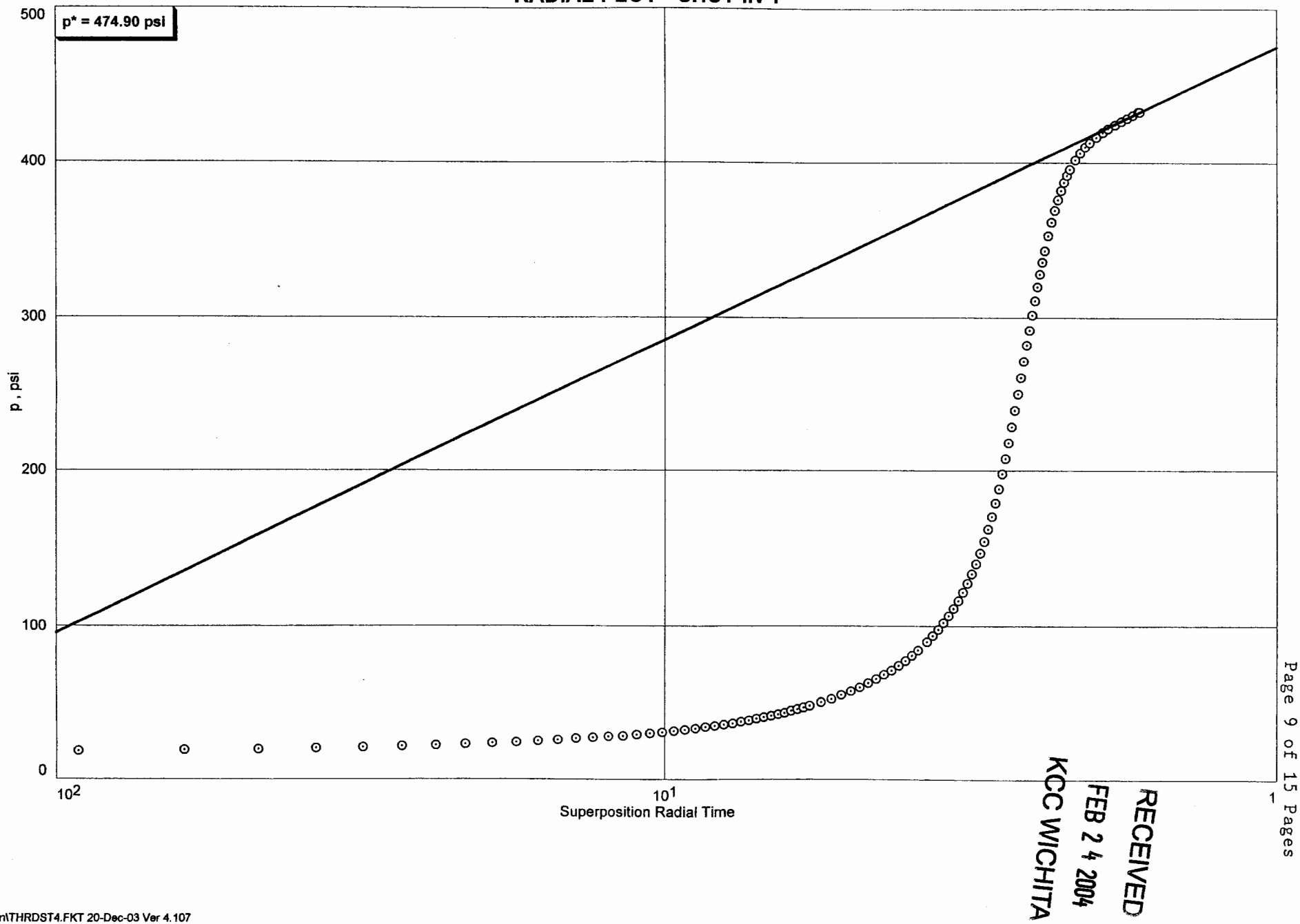
The evaluation criteria used in the drill stem test analysis system indicate this is a good mechanical test and the results obtained in this analysis should be reliable within reasonable limits relative to the assumptions which have been made.

Michael Hudson
Analyst
(928) 505-8389

DRS

Vess Oil Corp
1 Thrasher V, Dst 4
Gauge 21076

RADIAL PLOT - SHUT IN 1



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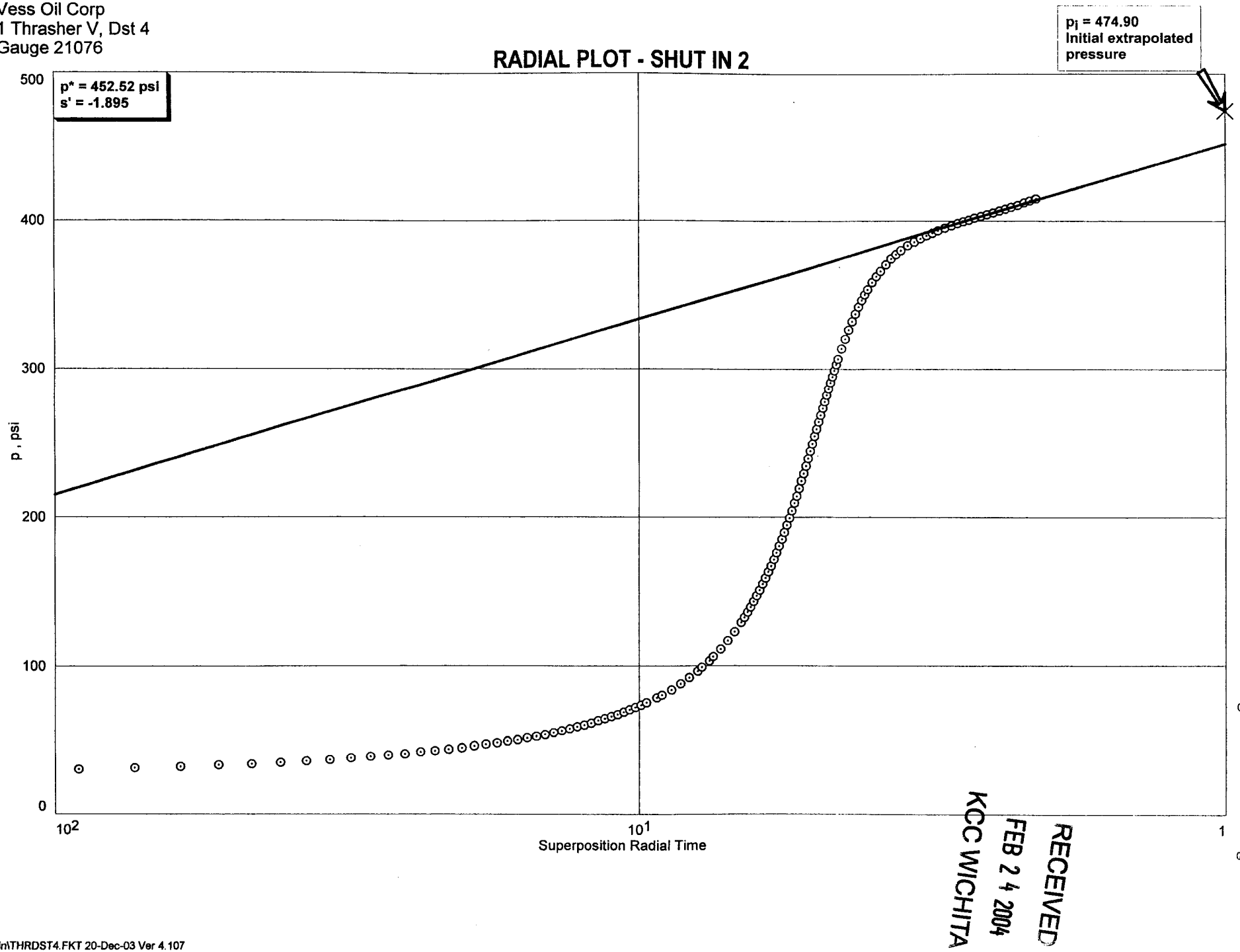
Vess Oil Corp
1 Thrasher V, Dst 4
Gauge 21076



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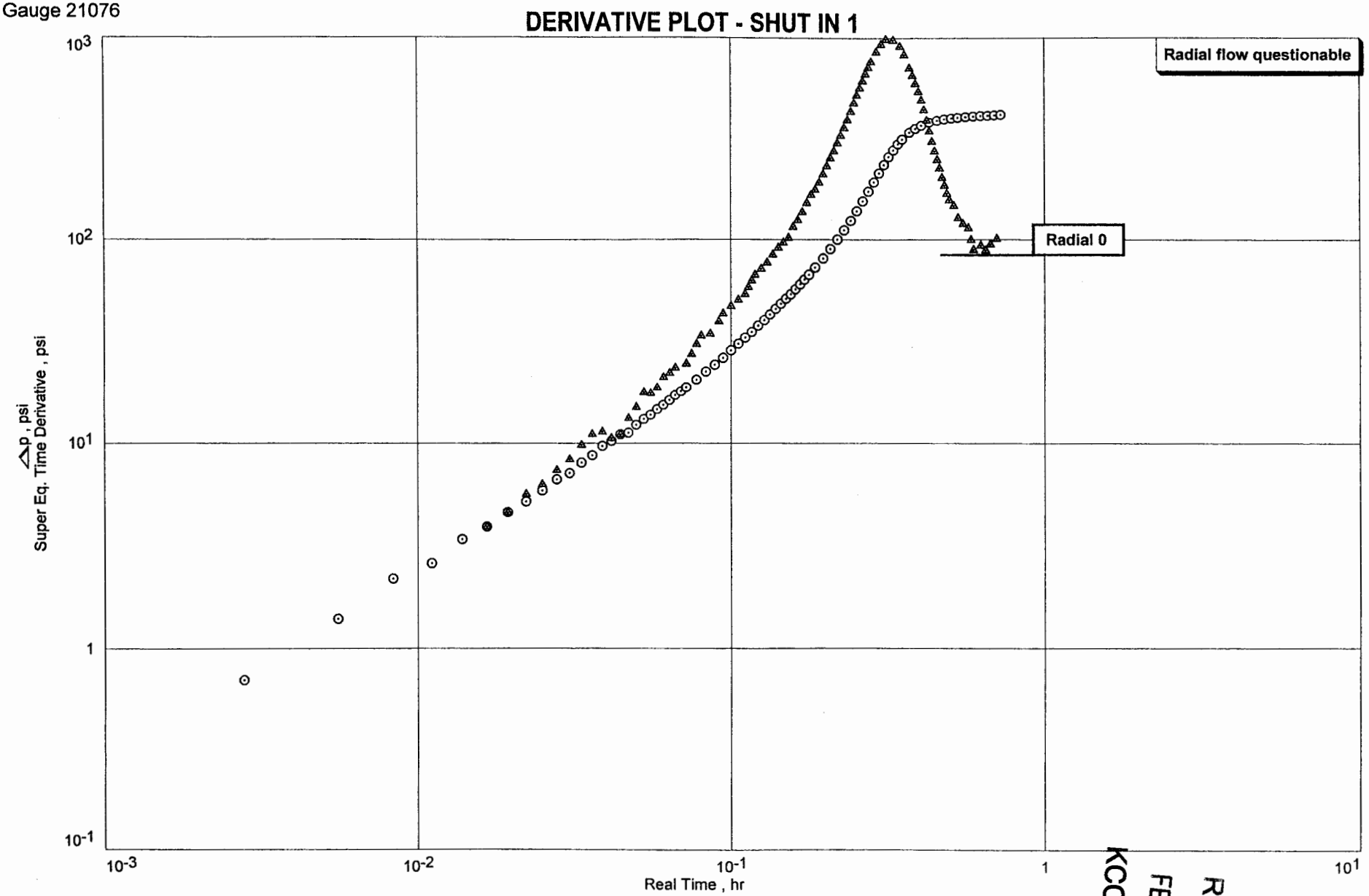
Vess Oil Corp
1 Thrasher V, Dst 4
Gauge 21076



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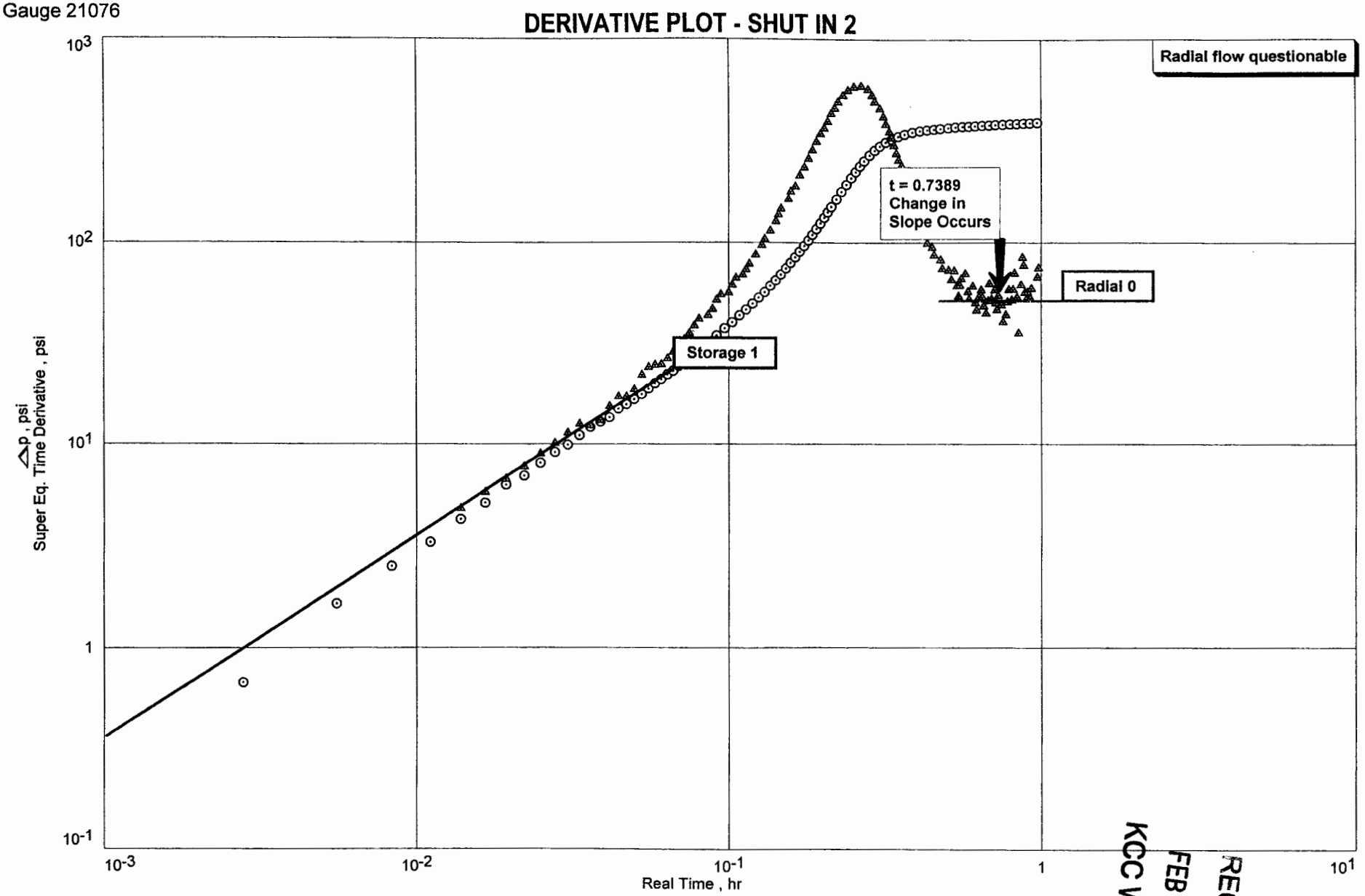
Gauge 21076



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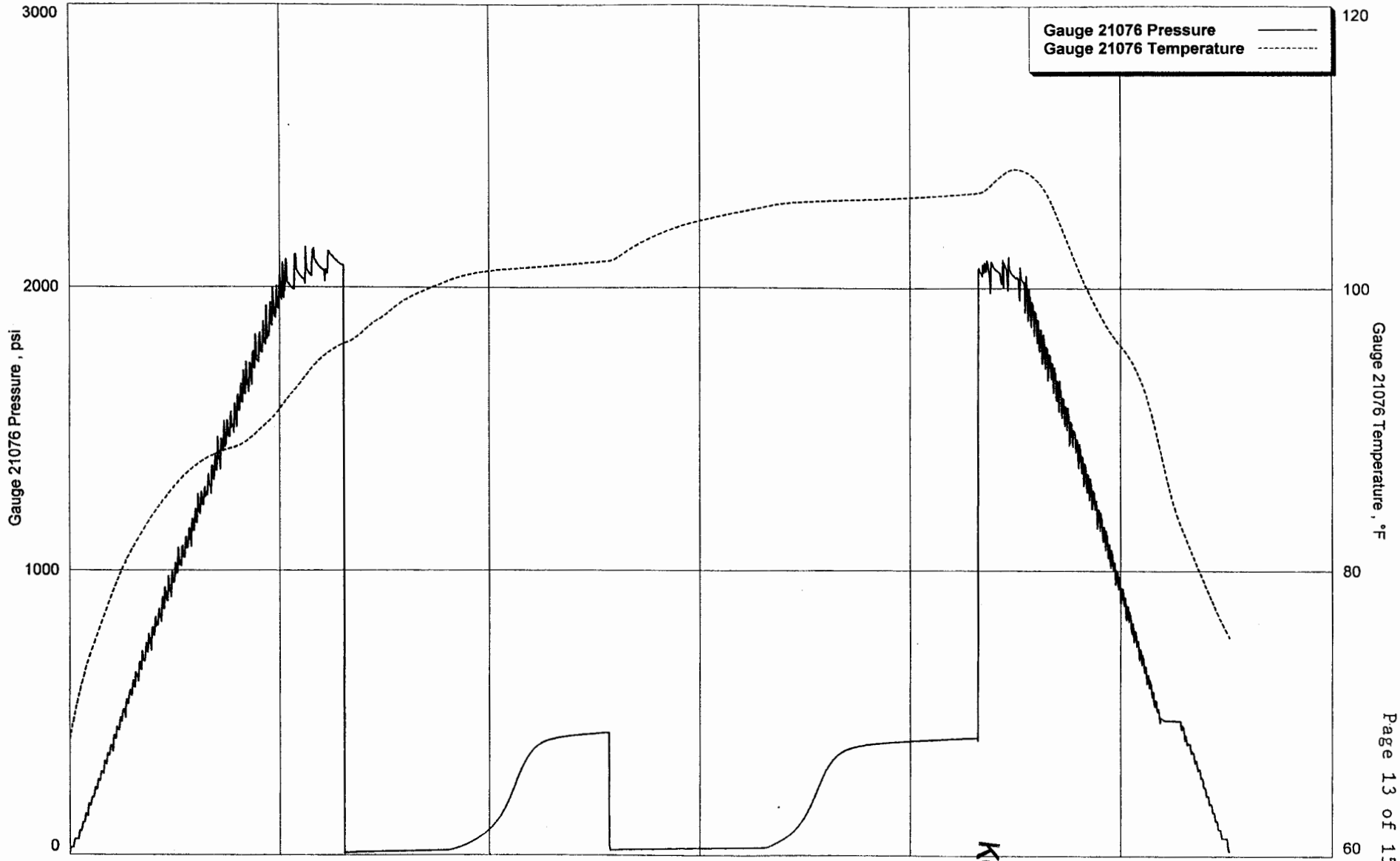
1 Thrasher V, Dst 4



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Vertical Oil Well Model

Vess Oil Corp
1 Thrasher V, Dst 4
Gauge 21076

Model Parameters

Oil Permeability (k_o)	36.442 md	Total Transmissivity $(kh/\mu)_t$	646.67 md.ft/cp
Gas Permeability (k_g)	1.736 md	Skin (s)	-0.685
Total Mobility $(k/\mu)_t$	161.67 md/cp	Active Well From Boundary (Xw)	4.198 ft

Formation Parameters

Net Pay (h)	4.000 ft
Total Porosity (ϕ_t)	8.00 %
Oil Saturation (S_o)	70.00 %
Water Saturation (S_w)	30.00 %
Wellbore Radius (r_w)	0.33 ft
Formation Temperature (T)	106.7 °F
Formation Compressibility (c_f)	5.334e-6 psi^{-1}
Total Compressibility (c_t)	1.435e-5 psi^{-1}
Wellbore Storage Constant Dim. (C_D)	1650.00

Fluid Properties

Oil Compressibility (c_o)	1.15325e-5 psi^{-1}
Gas Compressibility (c_g)	2.25421e-3 psi^{-1}
Water Compressibility (c_w)	3.13494e-6 psi^{-1}
Oil Formation Volume Factor (B_o)	1.071
Gas Formation Volume Factor (B_g)	0.005585 bbl/scf
Water Formation Volume Factor (B_w)	1.005
Oil Viscosity (μ_o)	3.079 cp
Gas Viscosity (μ_g)	0.0116 cp
Water Viscosity (μ_w)	0.631 cp
Solution Gas Ratio (R_s)	87 scf/bbl
Oil Gravity (y_o)	38.00 ° API
Gas Gravity (G)	0.650
PVT Reference Pressure (p_{PVT})	474.90 psi
Bubble Point Pressure (P_{bp})	474.90 psi

Production and Pressure

Q_tB_t	104.726 bbl/d
Final Oil Rate	7.160 bbl/d
Final Gas Rate	0.018 MMCF/D
Final Measured Pressure	415.03 psi
Cumulative Oil Production During Test	0.443 bbl

Synthesis Results

Average Error	0.33 %
Synthetic Initial Pressure (p_i)	501.30 psi
Extrapolated Pressure at Specified Time	500.13 psi
Pressure Drop Due To Skin (Δp_s)	psi
Flow Efficiency (FE)	1.053
Damage Ratio (DR)	0.949

Forecasts

Forecast Flowing Pressure (P_{flow})	209.34 psi
3 - Month Constant Rate Forecast @ Curr. Skin	0.296 bbl/d
6 - Month Constant Rate Forecast @ Curr. Skin	0.211 bbl/d
Forecast Flow Duration (t_{flow})	12.00 month
Constant Rate Forecast @ Curr. Skin	0.150 bbl/d
PI / II (Total Liquids - Actual)	0.001 bbl/d/psi
Constant Rate Forecast @ Skin=0	0.149 bbl/d
PI / II (Total Liquids - Ideal)	0.001 bbl/d/psi
Constant Rate Forecast @ Skin=-4	0.151 bbl/d

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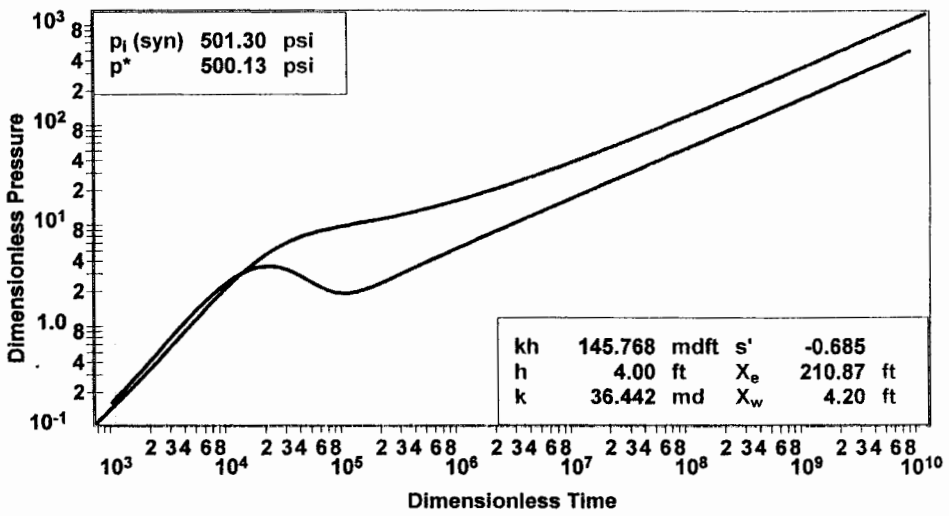
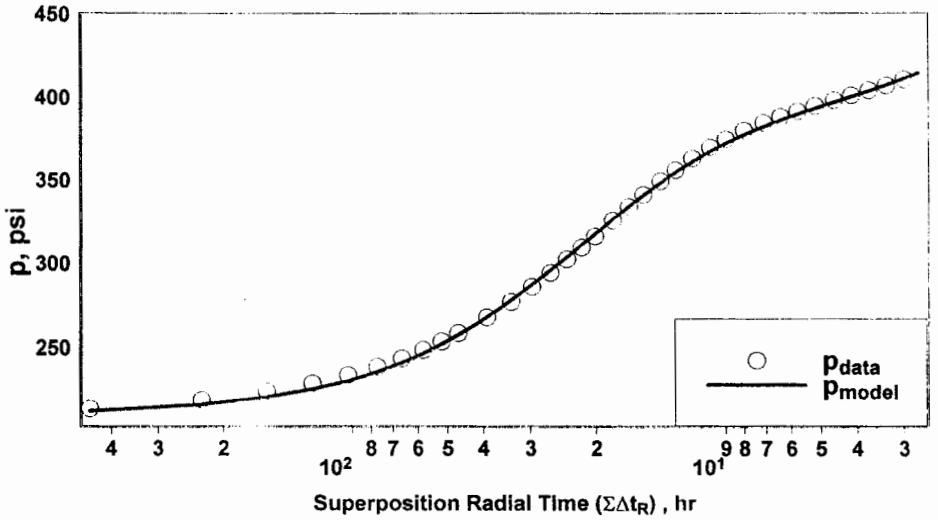
Vertical Oil-Well Model

Dimensionless Typecurve



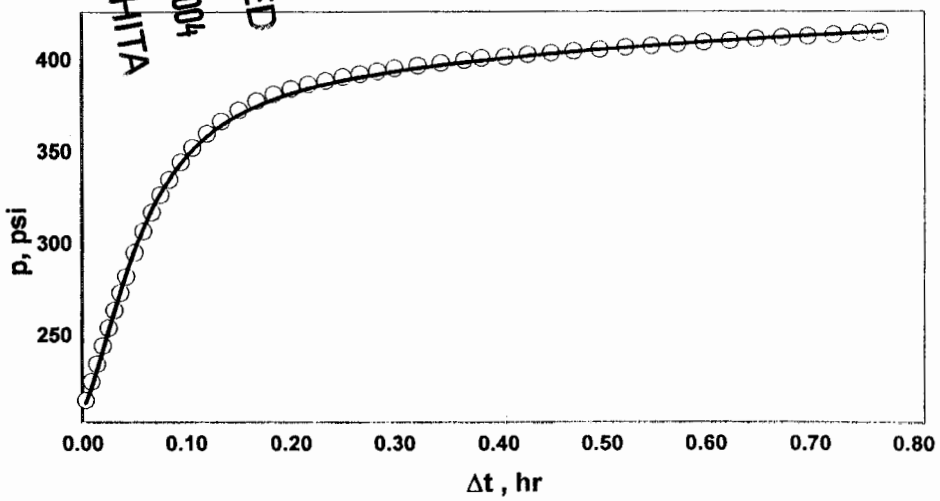
Vertical Oil-Well Model

Radial



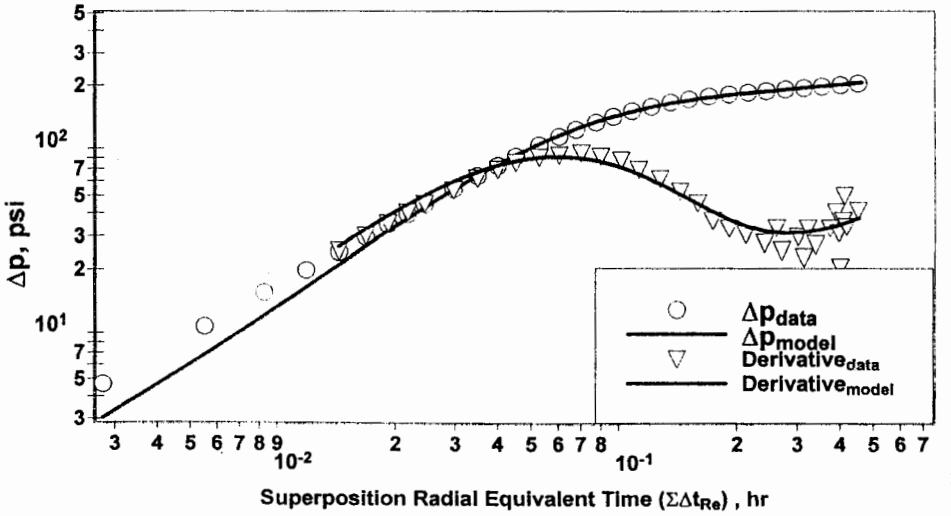
Vertical Oil-Well Model

Afterflow



Vertical Oil-Well Model

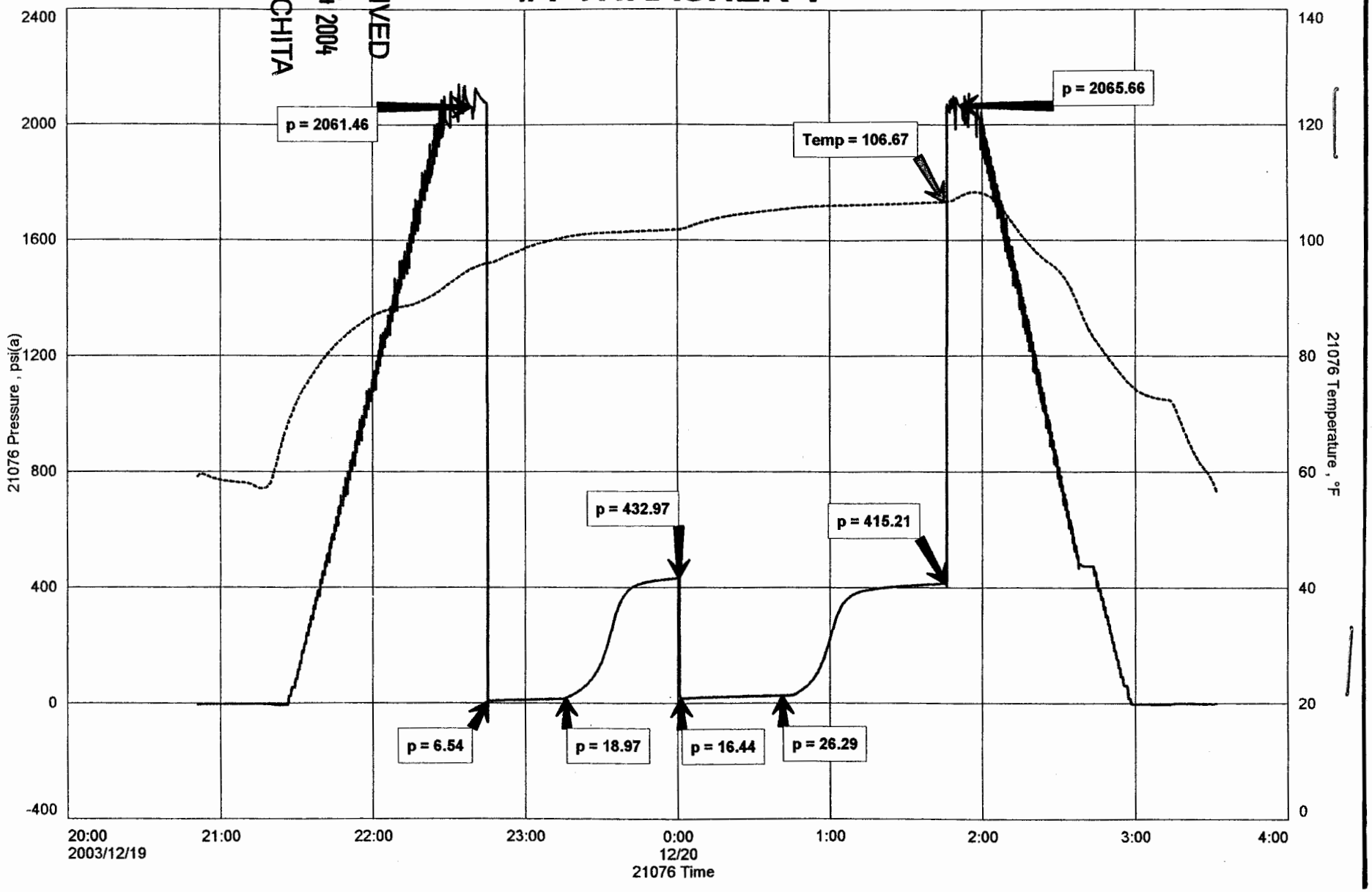
Typecurve



VESS OIL CORP
DST #4 LKC "K" 4342'-4371'
Start Test Date: 2003/12/19
Final Test Date: 2003/12/20

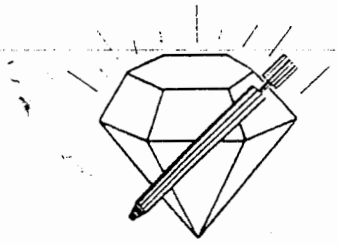
#1 THRASHER V
Formation: DST #4 LKC "K" 4342'-4371'

#1 THRASHER V



COMPANY VESS OIL CORPORATION LEASE AND WELL NO. THRASHER V NO. 1 SEC. 1 TWP. 11S RGE. 34W TEST NO. 4 DATE 12

1-11-34W



DIAMOND TESTING

P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
STC 21076.D34

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

Elevation 3192 KB Formation Lansing/Kansas City "J" Effective Pay -- Ft. Ticket No. 1814

Date 12-19-03 Sec. 1 Twp. 11S Range 34W County Logan State Kansas

Test Approved By Kim B. Shoemaker Diamond Representative Roger D. Friedly

Formation Test No. 3 Interval Tested from 4,320 ft. to 4,349 ft. Total Depth 4,349 ft.

Packer Depth 4,315 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 4,320 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 4,308 ft. Recorder Number Elec. Cap. 5,000 psi

Bottom Recorder Depth (Outside) 4,346 ft. Recorder Number 13386 Cap. 4,000 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 48 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.2 Water Loss 12.0 cc. Drill Pipe Length 4,295 ft. I.D. 3½ in.

Chlorides 12,000 P.P.M. Test Tool Length 25 ft. Tool Size 3 1/2 - IF in.

Jars: Make Bowen Serial Number Not Run Anchor Length 29 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: Weak, 1/8 in., blow increasing to 1 in. No blow back during shut-in.
2nd Open: Weak surface blow increasing to ½ in. No blow back during shut-in.

Recovered 4 ft. of slightly oil cut drilling mud = .041040 bbls. (Grind out: 4%-oil; 96%-mud)

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks Tool Sample Grind Out: 10%-oil; 90%-mud

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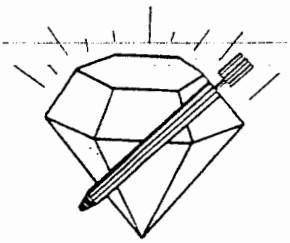
Time Set Packer(s) 9:50 ~~P.M.~~ A.M. Time Started Off Bottom 12:50 ~~A.M.~~ P.M. Maximum Temperature 107°

Initial Hydrostatic Pressure			(A) 2042	P.S.I.		
Initial Flow Period	Minutes 30	(B) 6	P.S.I.	to (C) 8	P.S.I.	
Initial Closed In Period	Minutes 45	(D) 40	P.S.I.			
Final Flow Period	Minutes 45	(E) 8	P.S.I.	to (F) 10	P.S.I.	
Final Closed In Period	Minutes 60	(G) 27	P.S.I.			
Final Hydrostatic Pressure			(H) 2038	P.S.I.		



DIAMOND TESTING
P. O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313

FLUID SAMPLE DATA

Company Vess Oil Corporation

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

Date 12-19-03 Sec. 1 Twp. 11S Range 34W

Formation Test No. 3 Interval Tested From 4,320 ft. to 4,349 ft. Total Depth 4,349 ft.

Formation Lansing/Kansas City "J"

	MUD PIT	RECOVERY
Viscosity	48 CP	46 CP
Weight	9.2	9.1
Water Loss	12.0 CC	11.2 CC
PH Factor	10.0	9.5

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	RESISTIVITY		CHLORIDE CONTENT
Recovery Water	-- @	--°F.	-- ppm
Recovery Mud	.42 @	71°F.	15,500 ppm
Recovery Mud Filtrate	-- @	--°F.	-- ppm
Mud Pit Sample	.40 @	74°F.	15,500 ppm
Mud Pit Sample Filtrate	.40 @	72°F.	16,000 ppm

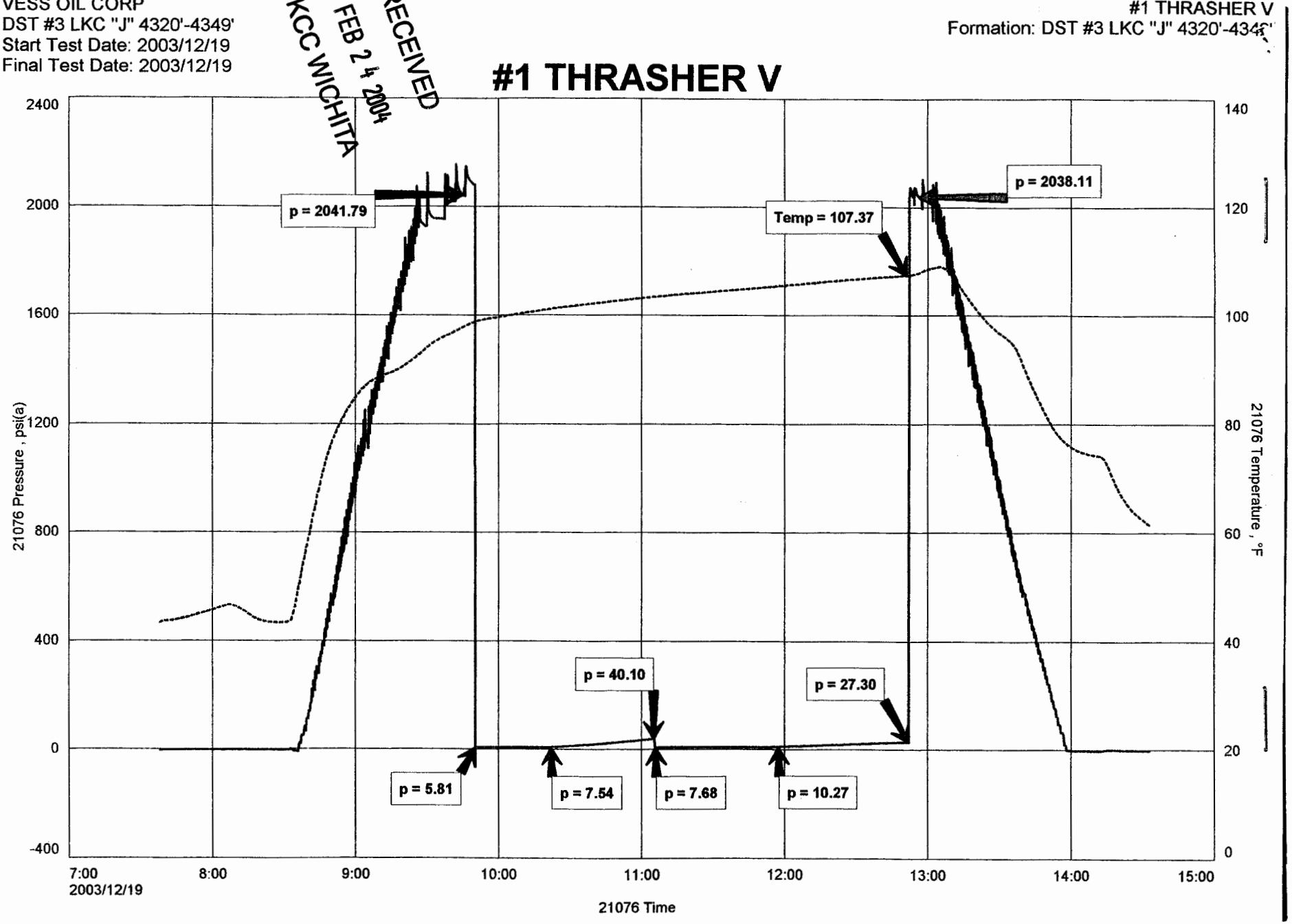
Sample Taken By ROGER D. FRIEDLY

Witness By Kim B. Shoemaker

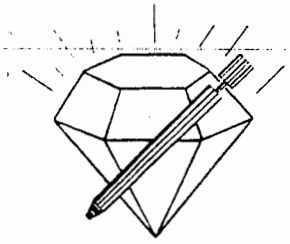
Remarks Pit filtrate triton dish chlorides were 12,000 Ppm.
Recovery filtrate triton dish chlorides were 12,500 Ppm.

VESS OIL CORP
DST #3 LKC "J" 4320'-4349'
Start Test Date: 2003/12/19
Final Test Date: 2003/12/19

#1 THRASHER V
Formation: DST #3 LKC "J" 4320'-4349'



1-11-34W



DIAMOND TESTING

P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
STC 21076.D33

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

Elevation 3192 KB — Formation Lansing/Kansas City "I" Effective Pay -- Ft. — Ticket No. 1813

Date 12-18-03 — Sec. 1 — Twp. 11S — Range 34W — County Logan — State Kansas

Test Approved By Kim B. Shoemaker — Diamond Representative Roger D. Friedly

Formation Test No. 2 — Interval Tested from 4,290 ft. to 4,325 ft. — Total Depth 4,325 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) 4,278 ft. — Recorder Number Elec. — Cap. 5,000 psi

Bottom Recorder Depth (Outside) 4,322 ft. — Recorder Number 13386 — Cap. 4,000 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 42 — Weight Pipe Length -- ft. — I.D. -- in.

Weight 9.05 — Water Loss 11.2 cc. — Drill Pipe Length 4,265 ft. — I.D. 3½ in.

Chlorides 9,000 P.P.M. — Test Tool Length 25 ft. — Tool Size 3 1/2 - IF in.

Jars: Make Bowen — Serial Number Not Run — Anchor Length 35 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: Weak, 1/8 in., blow increasing to 9 ins. Very weak surface blow back during shut-in.
2nd Open: Good, 2 in., blow increasing. Off bottom of bucket in 29½ mins. No blow back during shut-in.

Recovered 263 ft. of gas in pipe

Recovered 47 ft. of gassy oil cut mud = .482220 bbls. (Grind out: 2%-gas; 25%-oil; 73%-mud)

Recovered 47 ft. of TOTAL FLUID = .482220 bbls.

Recovered ft. of

Recovered ft. of

Remarks Tool Sample Grind Out: 3%-water; 37%-oil; 60%-mud

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Time Set Packer(s) 6:20 ~~AM~~ P.M. — Time Started Off Bottom 10:20 ~~AM~~ P.M. — Maximum Temperature 112°

Initial Hydrostatic Pressure ..... (A) 2053 P.S.I.

Initial Flow Period ..... Minutes 30 (B) 6 P.S.I. to (C) 16 P.S.I.

Initial Closed In Period ..... Minutes 75 (D) 121 P.S.I.

Final Flow Period ..... Minutes 45 (E) 15 P.S.I. to (F) 26 P.S.I.

Final Closed In Period ..... Minutes 90 (G) 122 P.S.I.

Final Hydrostatic Pressure ..... (H) 2019 P.S.I.

DIAMOND TESTING
P. O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313

FLUID SAMPLE DATA

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Company Vess Oil Corporation

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

Date 12-18-03 Sec. 1 Twp. 11 S Range 34 W

Formation Test No. 2 Interval Tested From 4,290 ft. to 4,325 ft. Total Depth 4,325 ft.

Formation Lansing/Kansas City "I"

	MUD PIT	RECOVERY
Viscosity	42 CP	-- CP
Weight	9.05	--
Water Loss	11.2 CC	-- CC
PH Factor	10.0	--

	RESISTIVITY		CHLORIDE CONTENT
Recovery Water	--	@ -- °F.	-- ppm
Recovery Mud	--	@ -- °F.	-- ppm
Recovery Mud Filtrate	--	@ -- °F.	-- ppm
Mud Pit Sample	.48	@ 68 °F.	14,000 ppm
Mud Pit Sample Filtrate	.48	@ 67 °F.	14,200 ppm

Sample Taken By ROGER D. FRIEDLY

Witness By Kim B. Shoemaker

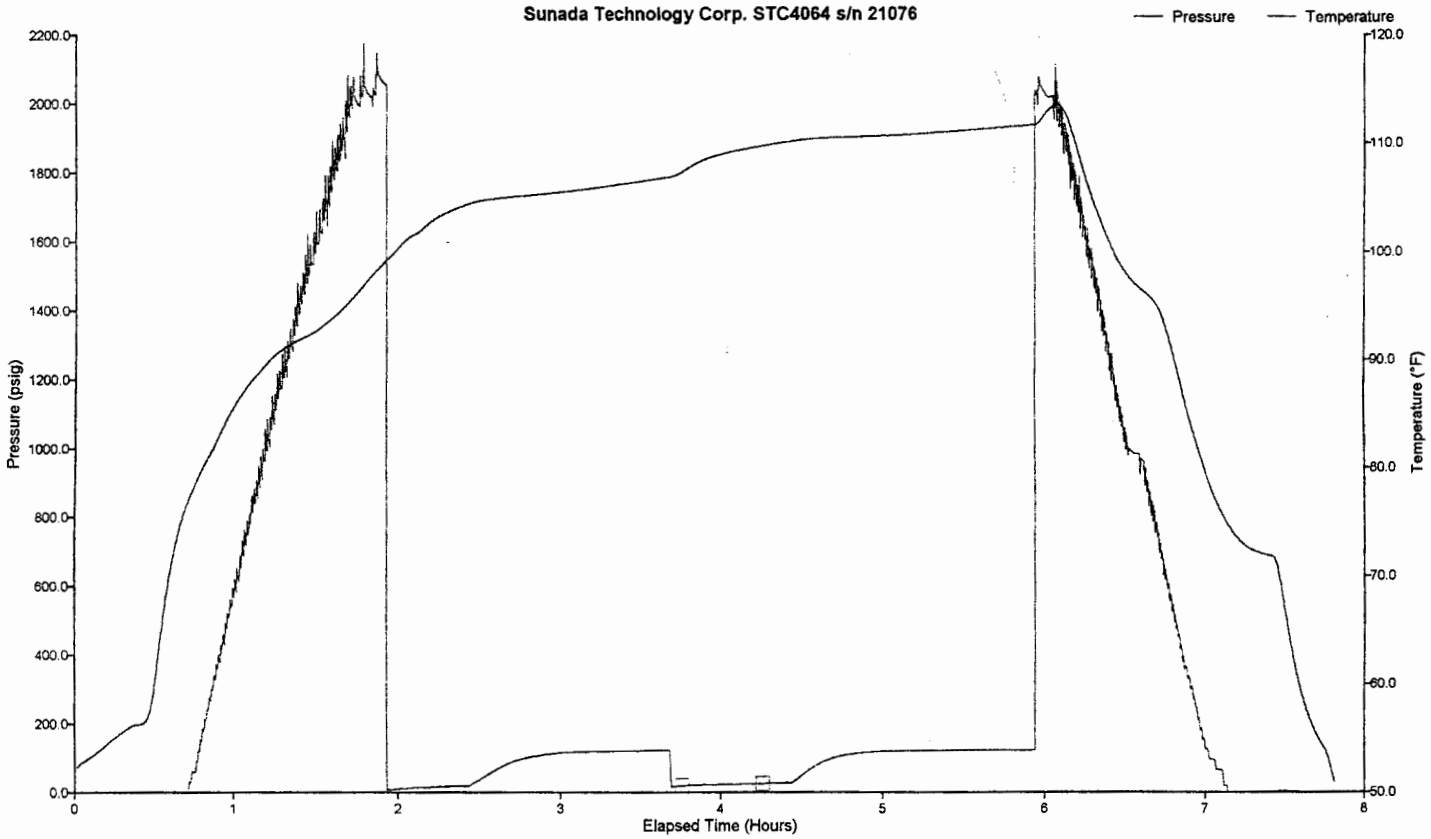
Remarks Pit filtrate triton dish chlorides were 9,000 Ppm.

VESS OIL CORP

DESCRIPTION	SECOND READING	FIRST READING	PRESSURE CHANGE	PIPE SIZE	FLUID GRADIENT	TIME CHANGE	TOTAL TIME	DAILY PRODUCTION	AVERAGE % OIL	ESTIMATED PRODUCTION
FINAL FLOW PERIOD	24	18	6	0.0104	0.3658	30	1440	8.188080919	0.25	2.047

#1 THRASHER V DST #2 4290'-4325'

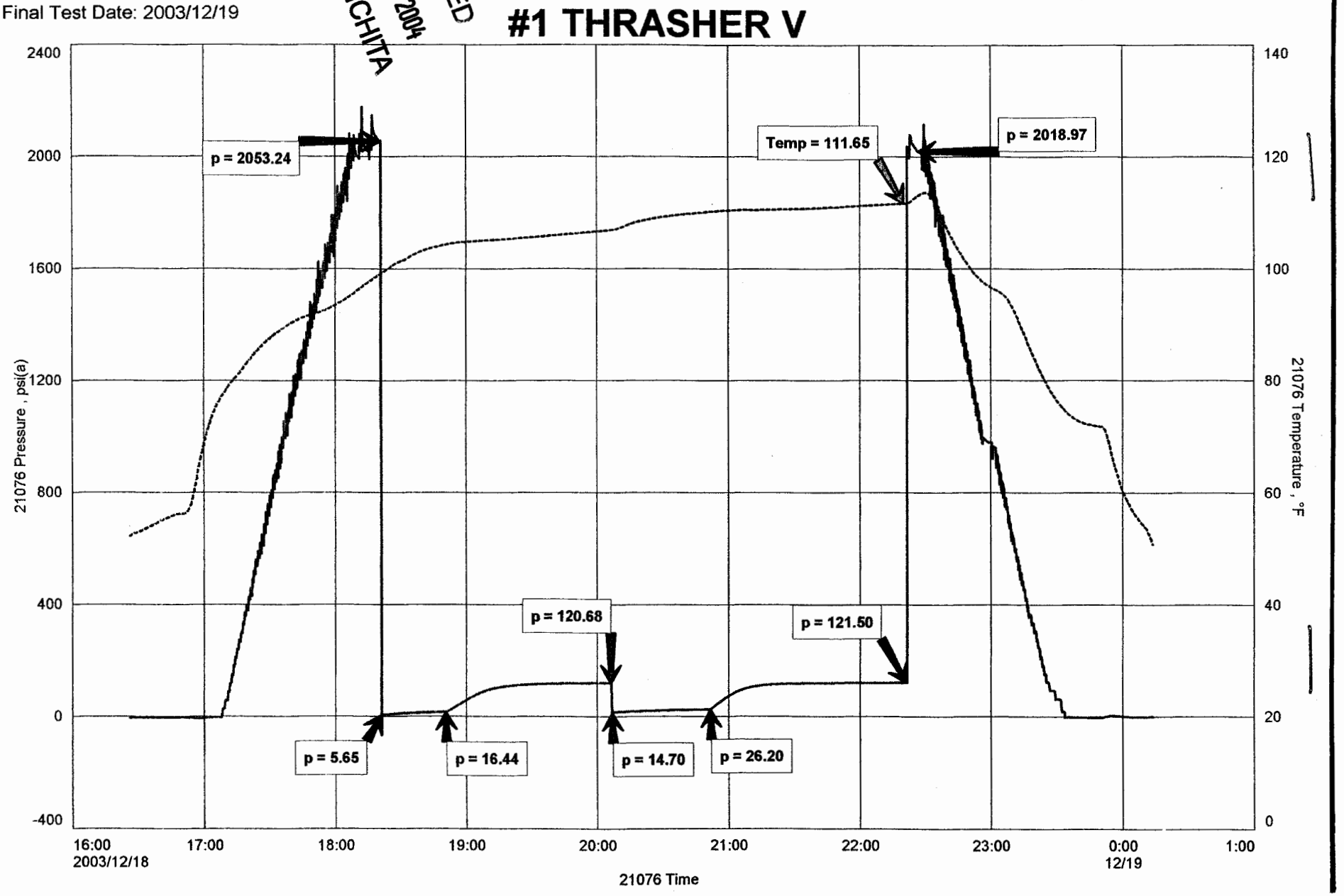
Well LSD: DST #2 LKC "I" 4290'-4325'
Well Name: 1 THRASHER V
Company: VESS OIL CORP
Battery on: Dec 18, 2003 at 16:24:00
Notes:ESTIMATED PRODUCTION WORKSHEET



Tag	Pressure	Temperature	Comment
1	17.81 psig	107.33 °F	2003-12-18 20:10:00
2	23.90 psig	109.75 °F	2003-12-18 20:40:00

VESS OIL CORP
DST #2 LKC "I" 4290'-4325
Start Test Date: 2003/12/18
Final Test Date: 2003/12/19

#1 THRASHER V
Formation: DST #2 LKC "I" 4290'-4325



1-11-34W

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DIAMOND TESTING
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HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
STC 21076.D36

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

Elevation 3192 KB — Formation Johnson — Effective Pay 3 Ft. — Ticket No. 1816

Date 12-21-03 — Sec. 1 — Twp. 11S — Range 34W — County Logan — State Kansas

Test Approved By Kim B. Shoemaker — Diamond Representative Roger D. Friedly

Formation Test No. 5 — Interval Tested from 4,642 ft. to 4,700 ft. — Total Depth 4,700 ft.

Packer Depth 4,637 ft. Size 6 3/4 in. — Packer Depth -- ft. Size -- in.

Packer Depth 4,642 ft. Size 6 3/4 in. — Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set ______ ft.

Top Recorder Depth (Inside) 4,630 ft. — Recorder Number Elec. — Cap. 5,000 psi

Bottom Recorder Depth (Outside) 4,697 ft. — Recorder Number 13386 — Cap. 4,000 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 9.2 — Water Loss 15.2 cc. — Drill Pipe Length 4,617 ft. — I.D. 3½ in.

Chlorides 13,500 P.P.M. — Test Tool Length 25 ft. — Tool Size 3 1/2 - IF in.

Jars: Make Bowen — Serial Number Not Run — Anchor Length 27' perf. w/31' drill pipe — 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: Good, 1 in., blow, increasing. Off bottom of bucket in 7 mins. No blow back during shut-in.
2nd Open: Strong blow. Off bottom of bucket immediately. No blow back during shut-in.

Recovered 2,232 ft. of gas in pipe

Recovered 124 ft. of gas & heavy oil cut mud = 1.272240 bbls. (Grind out: 10%-gas; 35%-oil; 55%-mud)

Recovered 124 ft. of TOTAL FLUID = 1.272240 bbls.

Recovered ______ ft. of ______

Recovered ______ ft. of ______

Remarks Tool Sample Grind Out: 2%-gas; 43%-oil; 55%-mud with a trace of water

Time Set Packer(s) 8:07 A.M. — Time Started Off Bottom 11:07 A.M. — Maximum Temperature 118°

Initial Hydrostatic Pressure .... (A) 2261 P.S.I.

Initial Flow Period .... Minutes 30 (B) 9 P.S.I. to (C) 38 P.S.I.

Initial Closed In Period .... Minutes 45 (D) 209 P.S.I.

Final Flow Period .... Minutes 45 (E) 32 P.S.I. to (F) 58 P.S.I.

Final Closed In Period .... Minutes 60 (G) 205 P.S.I.

Final Hydrostatic Pressure .... (H) 2223 P.S.I.

DIAMOND TESTING
P. O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313

FLUID SAMPLE DATA

Company Vess Oil Corporation

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

Date 12-21-03 Sec. 1 Twp. 11 S Range 34 W

Formation Test No. 5 Interval Tested From 4,642 ft. to 4,700 ft. Total Depth 4,700 ft.

Formation Johnson

	MUD PIT	RECOVERY
Viscosity	50 CP	-- CP
Weight	9.2	--
Water Loss	15.2 CC	-- CC
PH Factor	10.5	--

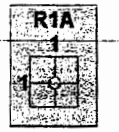
	RESISTIVITY		CHLORIDE CONTENT
Recovery Water	-- @	--°F.	-- ppm
Recovery Mud	-- @	--°F.	-- ppm
Recovery Mud Filtrate	-- @	--°F.	-- ppm
Mud Pit Sample	.40 @	66°F.	17,500 ppm
Mud Pit Sample Filtrate	.42 @	66°F.	16,000 ppm

Sample Taken By ROGER D. FRIEDLY

Witness By Kim B. Shoemaker

Remarks Pit filtrate triton dish chlorides were 13,500 Ppm

Oil Well Test - Buildup
Radial Flow Analysis



VESS OIL CORP

#1 THRASHER V

DST #5 JOHNSON 4642'-4700'

Analysis Results

Total Sandface Rate ($q_t B_t$)	6.000 bbl/d	Apparent Skin (s')	-1.657
Semilog Slope (m)	56.95	Skin - Damage	-1.657
Gas Permeability (k_g)	md	Skin - Inclination	0.000
Oil Permeability (k_o)	10.621 md	Skin - Partial Penetration	
Water Permeability (k_w)	md	Pressure Drop Due to Skin (Δp_s)	psi
Flow Capacity (kh)	104.541 md.ft	Damage Ratio (DR)	0.966
Total Mobility (k/μ_t)	1.74 md/cp	Flow Efficiency (FE)	1.036
Total Transmissivity(kh/μ_t)	17.13 md.ft/cp		

Reservoir Parameters

Net Pay (h)	9.843 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)	0.30 ft
Formation Temperature (T)	244.4 °F
Formation Compressibility (c_f)	5.334e-6 psi^{-1}
Total Compressibility (c_t)	7.435e-6 psi^{-1}

Pressures

Initial Pressure (p_i)	2356.62 psi
Extrapolated Pressure (p*)	225.26 psi
Ave. Reservoir Press	225.22 psi
Final Flowing Pressure (p_{wfo})	57.87 psi

Production and Times

Corrected Flow Time (t_c)	1.2500 hr
Cumulative Oil Production	0.313 bbl
Final Oil Rate	6.000 bbl/d

Fluid Properties

Oil Compressibility (c_o)	1.76049e-6 psi^{-1}
Oil Formation Volume Factor (B_o)	1.000
Oil Viscosity (μ_o)	6.102 cp
Solution Gas Ratio (R_s)	1 scf/bbl
Oil Gravity (y_o)	-126.45 ° API
Gas Gravity (G)	0.650
PVT Reference Pressure (p_{PVT})	2356.62 psi

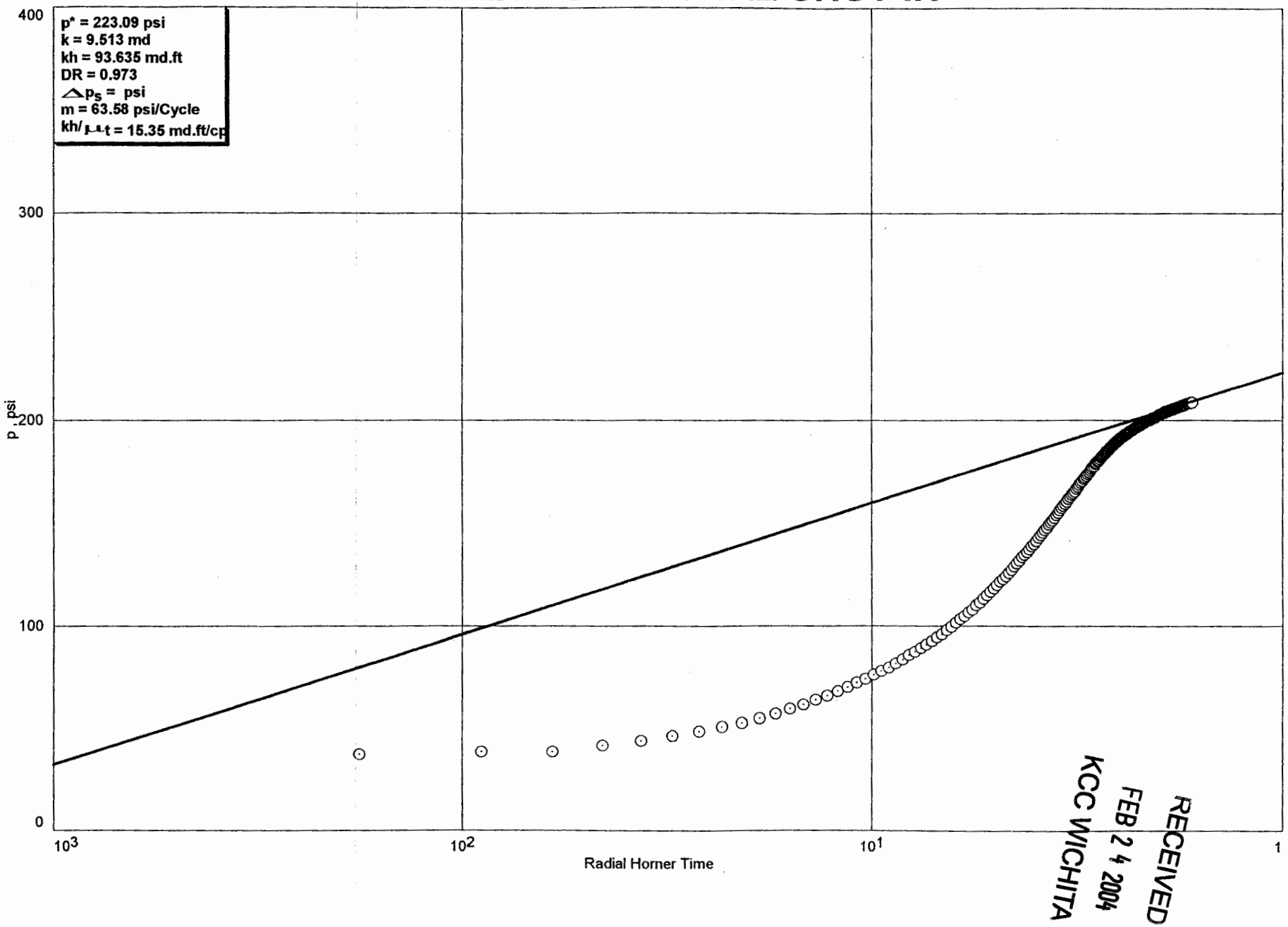
Extended Rates Calculations

Specified Flowing Pressure	57.87 psi
Specified Reservoir Pressure	225.22 psi
Drainage Area	160.0 acres
3 - Month Constant Rate	bbl/d
6 - Month Constant Rate	bbl/d
Stabilized Rate @ Current Skin	3.017 bbl/d
Stabilized Rate @ Skin of 0	2.421 bbl/d
Stabilized Rate @ Skin of -4	4.627 bbl/d
PI / II (Total Liquids - Actual)	0.036 bbl/d/psi
PI / II (Total Liquids - Ideal)	0.024 bbl/d/psi
Stab. PI / II (Total Liquids - Actual)	0.018 bbl/d/psi
Stab. PI / II (Total Liquids - Ideal)	0.012 bbl/d/psi

Fast

VESS OIL CORP
#1 THRASHER V
DST #5 JOHNSON 4642'-4700'

HORNER PLOT INITIAL SHUT IN



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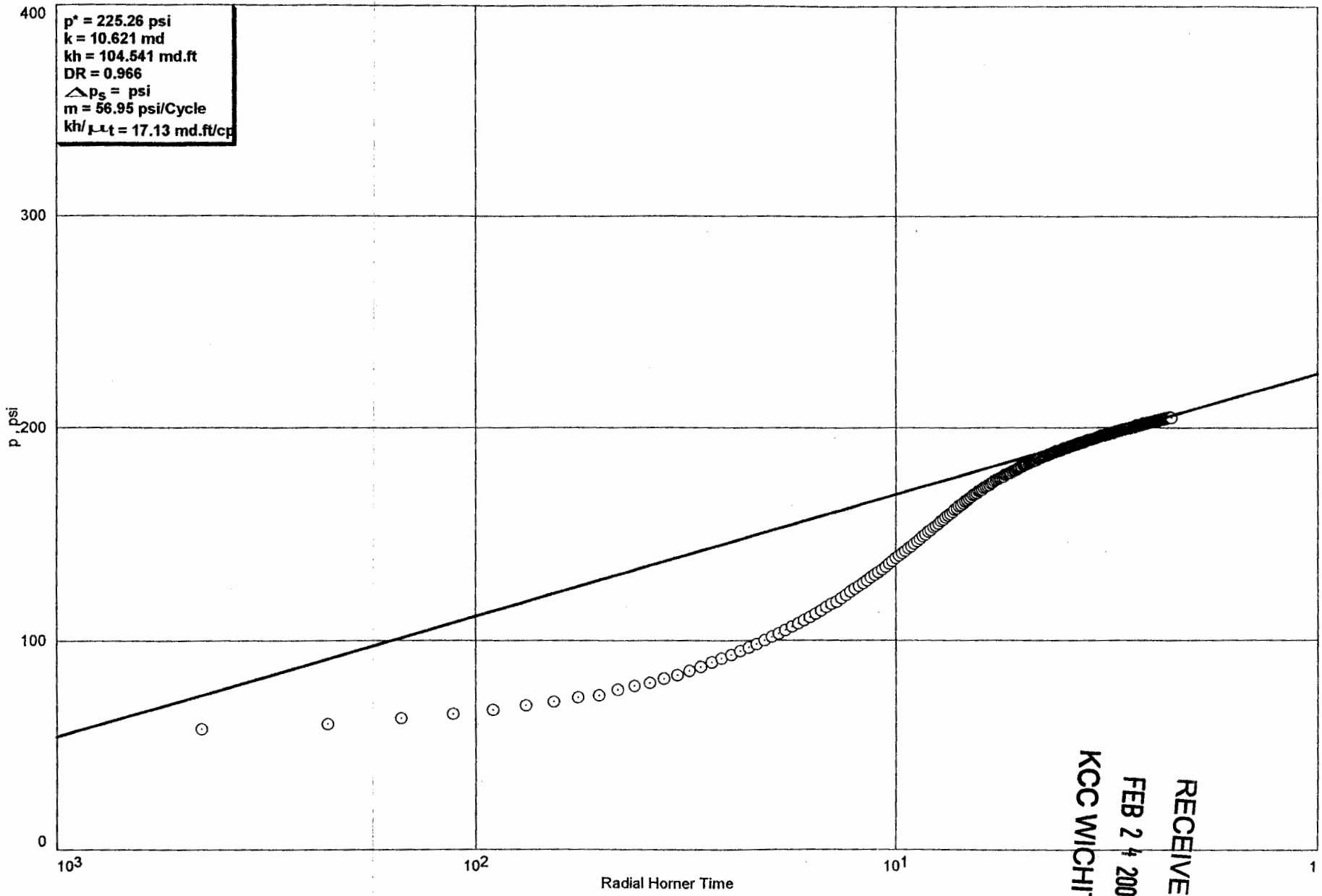
VESS OIL CORP
#1 THRASHER V
DST #5 JOHNSON 4642'-4700'

HORNER PLOT FINAL SHUT IN



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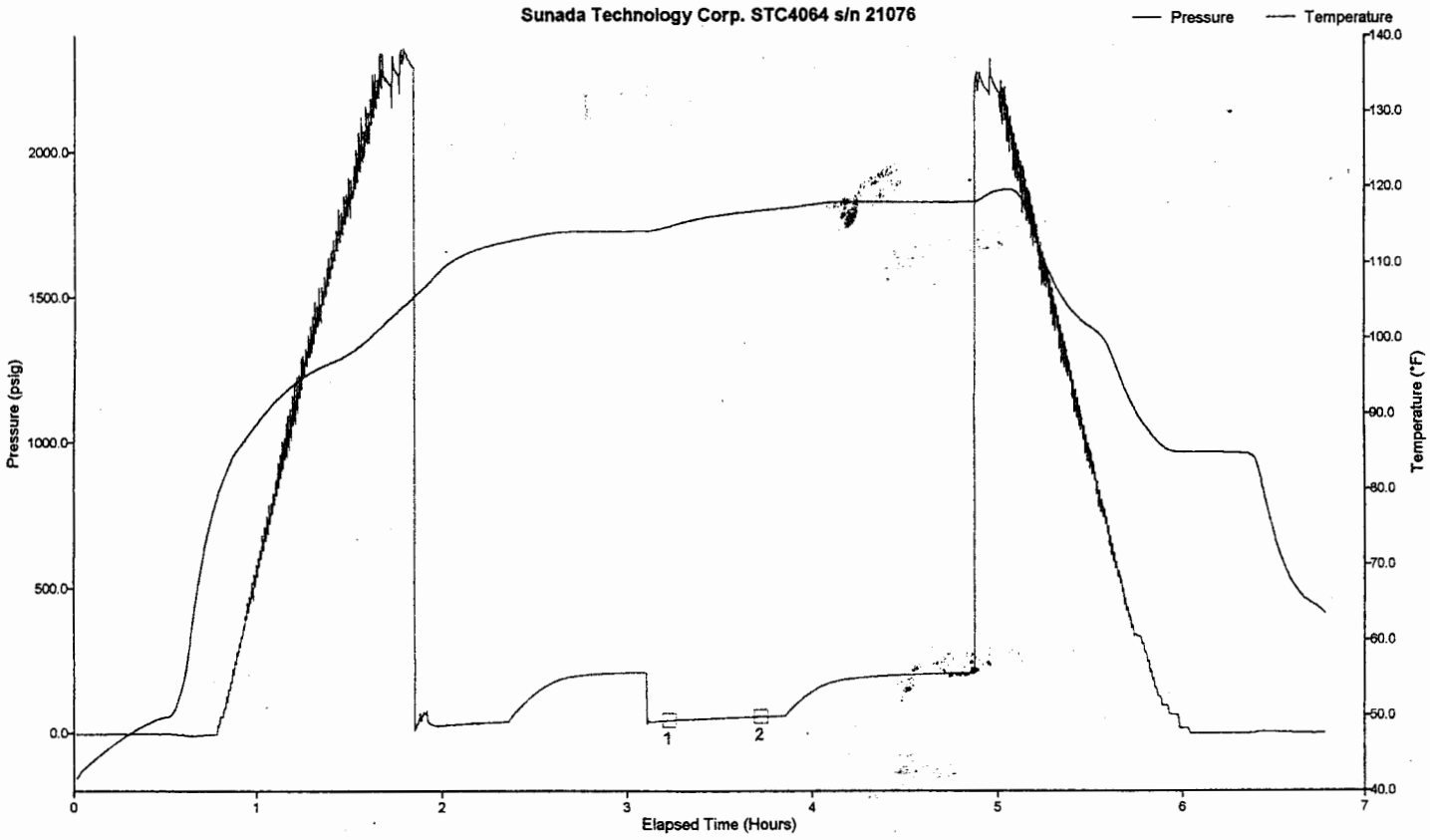
VESS OIL CORP

DESCRIPTION	SECOND READING	FIRST READING	PRESSURE CHANGE	PIPE SIZE	FLUID GRADIENT	TIME CHANGE	TOTAL TIME	DAILY PRODUCTION	AVERAGE % OIL	ESTIMATED PRODUCTION
FINAL FLOW PERIOD	55	43	12	0.0104	0.3615	30	1440	16.57095436	0.35	5.800

#1 THRASHER V DST #5 4642'-4700'

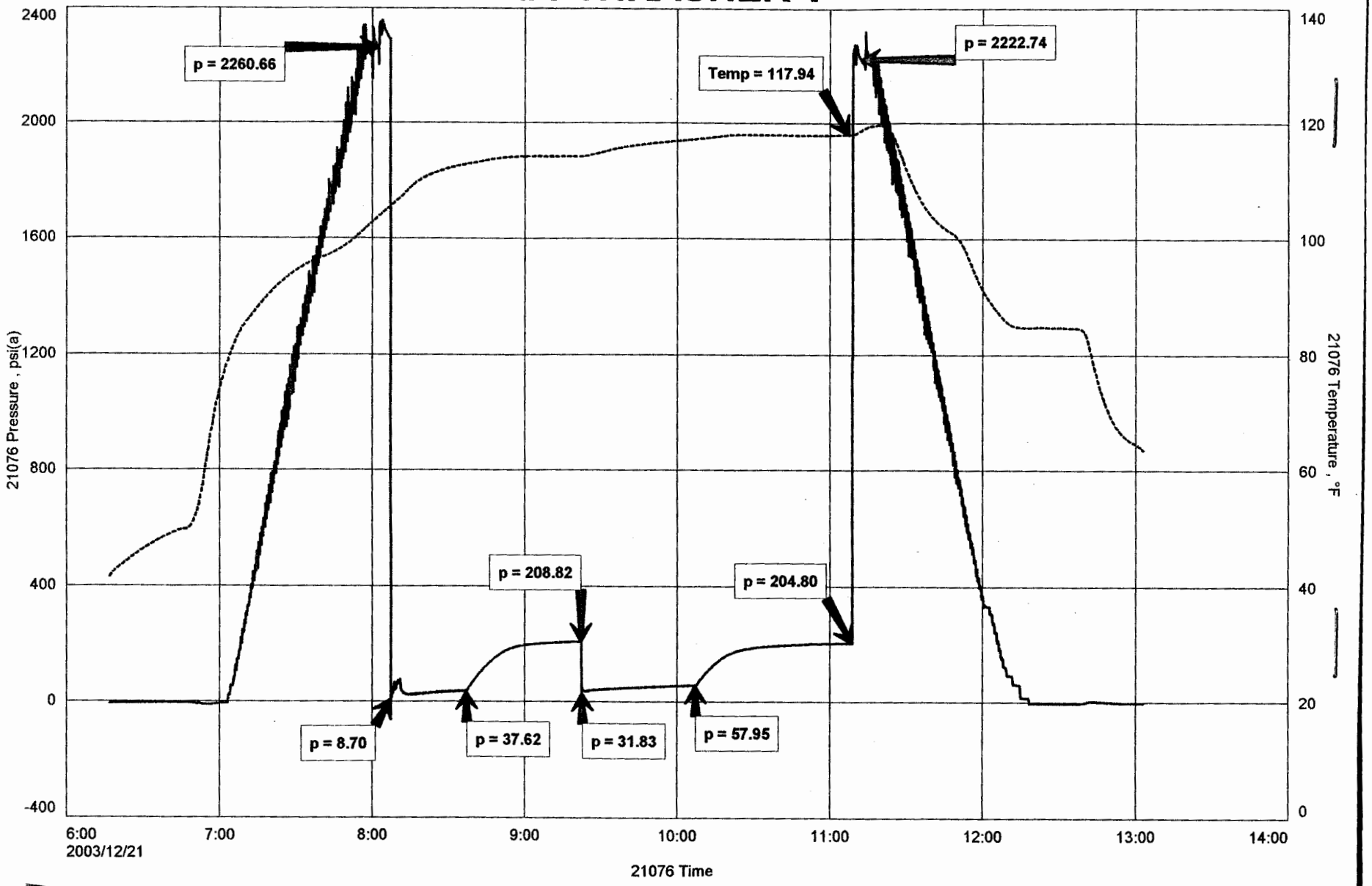
Well LSD: DST #5 JOHNSON 4642'-4700'
Well Name: 1 THRASHER V
Company: VESS OIL CORP
Battery on: Dec 21, 2003 at 06:16:00
Notes:ESTIMATED PRODUCTION WORKSHEET



Tag	Pressure	Temperature	Comment
1	42.73 psig	114.80 °F	2003-12-21 09:30:00
2	55.45 psig	116.86 °F	2003-12-21 10:00:00

DST #5 JOHNSON 4642'-4700
Start Test Date: 2003/12/21
Final Test Date: 2003/12/21

#1 THRASHER V
Formation: DST #5 JOHNSON 4642'-4700'



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COMPANY Vess Oil Corporation LEASE AND WELL NO. Thrasher "V" No. 1 SEC. 1 TWP. 11S RGE. 34W TEST NO. 5 DATE