

DIAMOND TESTING

P.O. Box 157

Page 1 of 2 Pages

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

STC 30035.D0203

Company Vess Oil Corporation Lease & Well No. Tomcat "B" No. 2
 Elevation 2161 KB Formation Toronto/Lansing "A"- "F" Effective Pay _____ Ft. Ticket No. S0203
 Date 8-28-12 Sec. 24 Twp. 10S Range 20W County Rooks State Kansas
 Test Approved By Roger L. Martin Diamond Representative Jacob McCallie

Formation Test No. 1 Interval Tested from 3,375 ft. to 3,500 ft. Total Depth 3,500 ft.
 Packer Depth 3,370 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Packer Depth 3,375 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Depth of Selective Zone Set _____ ft.

Top Recorder Depth (Inside) 3,356 ft. Recorder Number 30035 Cap. 10,000 psi
 Bottom Recorder Depth (Outside) 3,497 ft. Recorder Number 3851 Cap. 5,700 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 8.8 Water Loss 6.8 cc. Drill Pipe Length 3,342 ft I.D. 3 1/4 in
 Chlorides 3,200 P.P.M. Test Tool Length 33 ft Tool Size 3 1/2-IF in
 Jars: Make Sterling Serial Number 3 Anchor Length 30' perf. w/ 95' 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: Weak, 1/4 in. blow increasing to 2 ins. in 30 mins. No blow back during shut-in.

2nd Open: No blow increasing to 1 in. in 45 mins. No blow back during shut-in.

Recovered 35 ft. of slightly oil specked mud = .359100 bbls. (Grind out: 100%-mud)
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Remarks Tool Sample Grind Out: 1%-oil; 99%-mud

Time Set Packer(s) 4:10 A.M. Time Started off Bottom 7:10 A.M. Maximum Temperature 104°
 Initial Hydrostatic Pressure.....(A) 1605 P.S.I.
 Initial Flow Period.....Minutes 30 (B) 9 P.S.I. to (C) 17 P.S.I.
 Initial Closed In Period.....Minutes 45 (D) 751 P.S.I.
 Final Flow Period.....Minutes 45 (E) 18 P.S.I. to (F) 26 P.S.I.
 Final Closed In Period.....Minutes 60 (G) 712 P.S.I.
 Final Hydrostatic Pressure.....(H) 1603 P.S.I.

Diamond Testing

General information Report

General Information

Company Name Vess Oil Corp

Contact	Patrick Canaday	Job Number	S0203
Well Name	Tomcat B #2	Representative	Jacob McCallie
Unique Well ID	DST #1 Toronto, Lansing A-F 3375-3500'	Well Operator	Vess Oil Corp
Surface Location	SEC 24-10S-20W Rooks County	Report Date	2012/08/28
Well License Number		Prepared By	Jacob McCallie
Field	Marcotte		
Well Type	Vertical		

Test Type	Drill Stem Test		
Formation	DST #1 Toronto, Lansing A-F 3375-3500'		
Well Fluid Type	06 Water	Start Test Time	02:00:00
		Final Test Time	08:52:00
Start Test Date	2012/08/28		
Final Test Date	2012/08/28		
Gauge Name	30036		
Gauge Serial Number			

Test Results

RECOVERED:

35'	SOS MUD	100% MUD
35'	TOTAL FLUID	

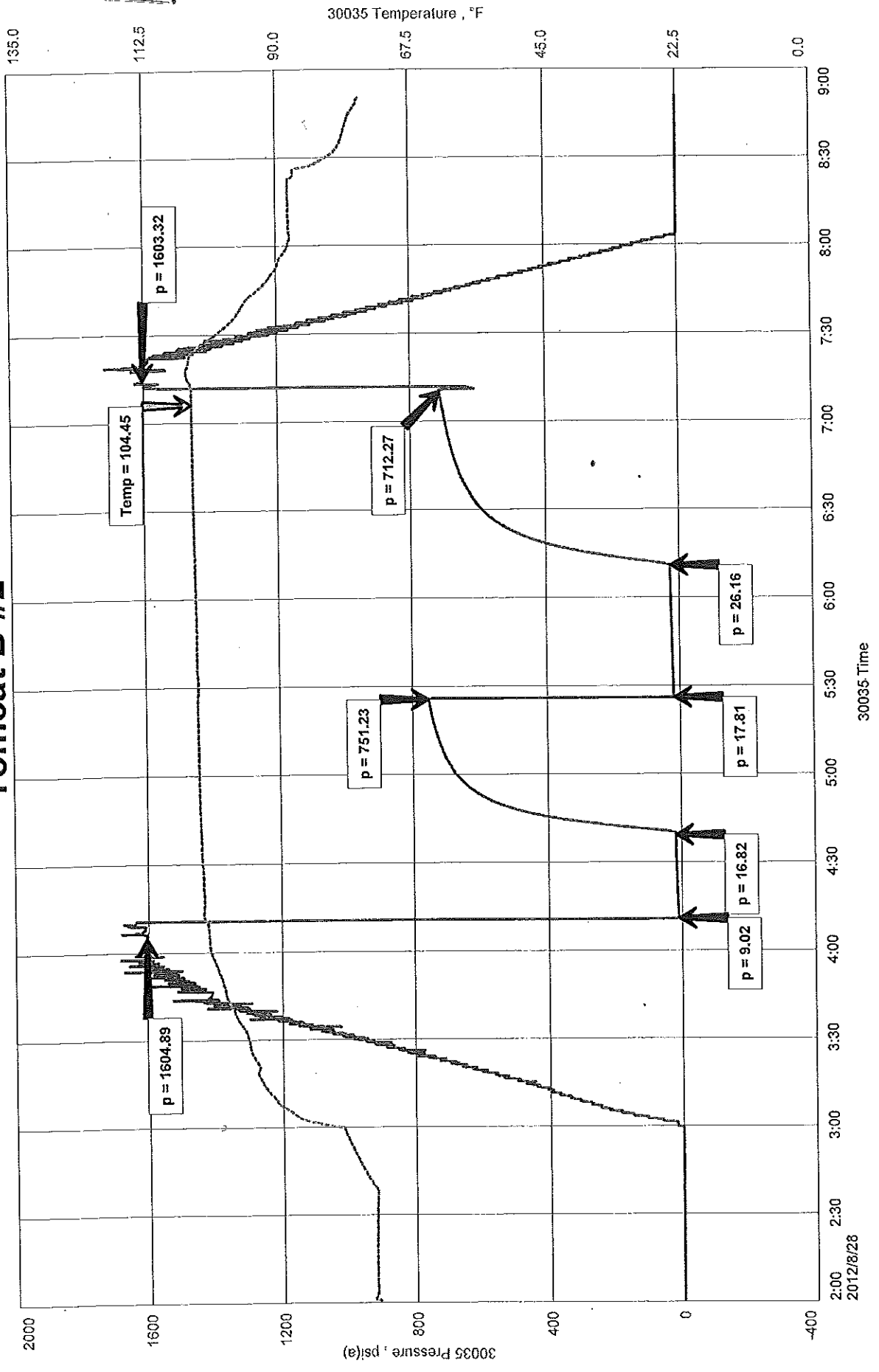
TOOL SAMPLE:

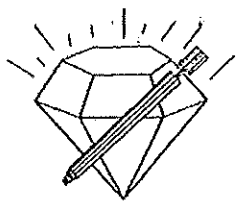
1% OIL 99% MUD

Tomcat B #2
 Formation: DST #1 Toronto, Lansing A-F 3375-3500'
 Pool: In Field
 Job Number: S0203

Vess Oil Corp
 DST #1 Toronto, Lansing A-F 3375-3500'
 Start Test Date: 2012/08/28
 Final Test Date: 2012/08/28

Tomcat B #2





DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

STC 30035.D0204

Company Vess Oil Corporation Lease & Well No. Tomcat "B" No. 2
 Elevation 2161 KB Formation Lansing "H"-"L" Effective Pay _____ Ft. Ticket No. S0204
 Date 8-29-12 Sec. 24 Twp. 10S Range 20W County Rooks State Kansas
 Test Approved By Roger L. Martin Diamond Representative Jacob McCallie

Formation Test No. 2 Interval Tested from 3,534 ft. to 3,641 ft. Total Depth 3,641 ft.
 Packer Depth 3,529 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Packer Depth 3,534 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Depth of Selective Zone Set _____ ft.

Top Recorder Depth (Inside) 3,515 ft. Recorder Number 30035 Cap. 10,000 psi.
 Bottom Recorder Depth (Outside) 3,638 ft. Recorder Number 3851 Cap. 5,700 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 59 Weight Pipe Length _____ ft I.D. _____ in.
 Weight 9.2 Water Loss 8.0 cc. Drill Pipe Length 3,501 ft I.D. 3 1/4 in.
 Chlorides 3,500 P.P.M. Test Tool Length 33 ft Tool Size 3 1/2-IF in.
 Jars: Make Sterling Serial Number 3 Anchor Length 44' perf. w/ 63' 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: Weak, 1/4 in. blow increasing to 3 1/2 ins. in 30 mins. No blow back during shut-in.
2nd Open: Weak, 1/4 in. blow increasing to 5 1/4 ins. in 45 mins. No blow back during shut-in.

Recovered 20 ft. of clean oil = .205200 bbls. (Grind out: 100%-oil) Gravity: 30 @ 60°
 Recovered 35 ft. of muddy oil = .359100 bbls. (Grind out: 52%-oil; 48%-mud)
 Recovered 55 ft. of TOTAL FLUID = .564300 bbls.
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Remarks Tool Sample Grind Out: 38%-oil; 62%-mud

Time Set Packer(s) 6:55 A.M. Time Started off Bottom 9:55 A.M. Maximum Temperature 106°
 Initial Hydrostatic Pressure.....(A) 1694 P.S.I.
 Initial Flow Period.....Minutes 30 (B) 9 P.S.I. to (C) 17 P.S.I.
 Initial Closed In Period.....Minutes 45 (D) 697 P.S.I.
 Final Flow Period.....Minutes 45 (E) 20 P.S.I. to (F) 27 P.S.I.
 Final Closed In Period.....Minutes 60 (G) 680 P.S.I.
 Final Hydrostatic Pressure.....(H) 1693 P.S.I.

Diamond Testing

General information Report

General Information

Company Name Vess Oil Corp.

Contact	Patrick Canaday	Job Number	S0204
Well Name	Tomcat B #2	Representative	Jacob McCallie
Unique Well ID	DST #2 Lansing "H-L" 3534-3641'	Well Operator	Vess Oil Corp.
Surface Location	SEC 24-10S-20W Rooks County	Report Date	2012/08/29
Well License Number		Prepared By	Jacob McCallie
Field	Marcotte		
Well Type	Vertical		

Test Type	Drill Stem Test		
Formation	DST #2 Lansing "H-L" 3534-3641'		
Well Fluid Type	01 Oil	Start Test Time	04:54:00
		Final Test Time	11:48:00
Start Test Date	2012/08/29		
Final Test Date	2012/08/29		
Gauge Name	30035		
Gauge Serial Number			

Test Results

RECOVERED:

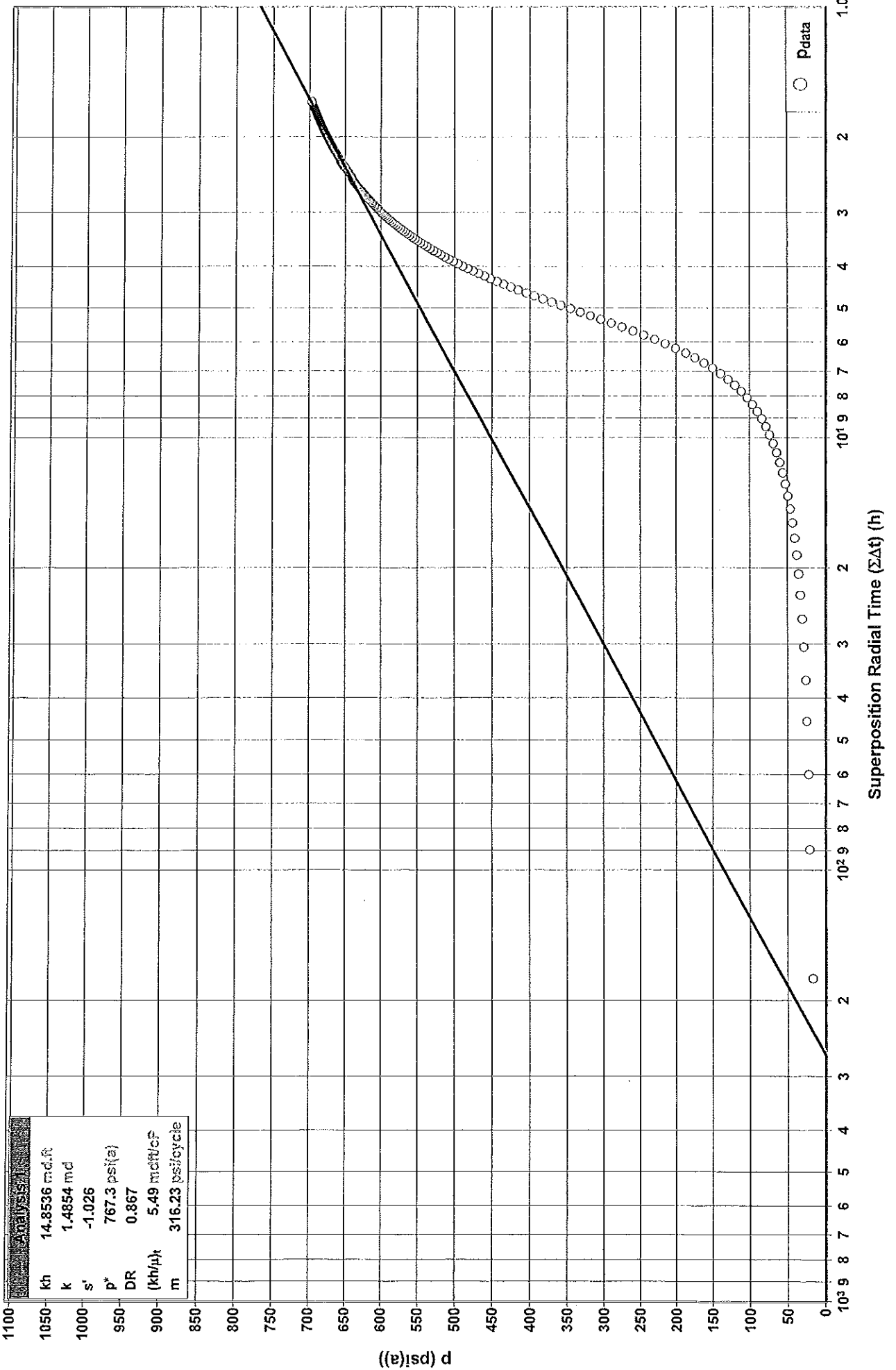
20'	CO	100% CO	GRAVITY: 30 @ 60 degrees F
35'	Muddy Oil	52% OIL 48% MUD	
55'	TOTAL FLUID		

TOOL SAMPLE:

38% OIL 62% MUD

DST #2 INITIAL SHUT-IN
Radial

VESS OIL CORPORATION
TOMCAT B #2
DST #2 LANSING 'H-L' 3,534' - 3,641'



Analysis	
kh	14.8536 md.ft
k	1.4854 md
s'	-1.026
p*	767.3 psi(a)
DR	0.867
(kh/μt)	5.49 md/ft/cp
m	316.23 psi/cycle

(a)sd

Oil Well Test - Buildup

Radial Flow Analysis

Analysis Results

Flow Capacity (kh)	14.9 md.ft	Total Skin (s')	-1.026
Effective Permeability (k)	1.4854 md	Skin Due to Damage (s _d)	-1.026
Effective Gas Permeability (k _g)	md	Skin Due To Inclination (s _{inc})	
Effective Oil Permeability (k _o)	1.4854 md	Skin Due To Partial Penetration (s _{pp})	
Effective Water Permeability (k _w)	md	Pressure Drop Due to Total Skin (Δp _{skin})	psi(a)
Total Fluid Rate (in situ) ((qβ) _i)	10.7 rbbl/d	Damage Ratio (DR)	0.867
Total Mobility ((k/μ) _i)	0.55 md/cP	Flow Efficiency (FE)	1.153
Total Transmissivity ((kh/μ) _i)	5.49 mdf/cP		
Semi-Log Slope (m)	316.23 psi/cycle		

Reservoir Parameters

Net Pay (h)	10.000 ft
Total Porosity (φ _t)	7.00 %
Gas Saturation (S _g)	0.00 %
Oil Saturation (S _o)	80.00 %
Water Saturation (S _w)	20.00 %
Formation Compressibility (c _f)	5.6380e-06 1/psi
Total Compressibility (c _t)	1.3702e-05 1/psi
Wellbore Radius (r _w)	0.300 ft

Pressures

Extrapolated Pressure (p*)	767.3 psi(a)
Final Flowing Pressure (p _{vfo})	16.6 psi(a)
Final Measured Pressure (p _{last})	0.0 psi(a)

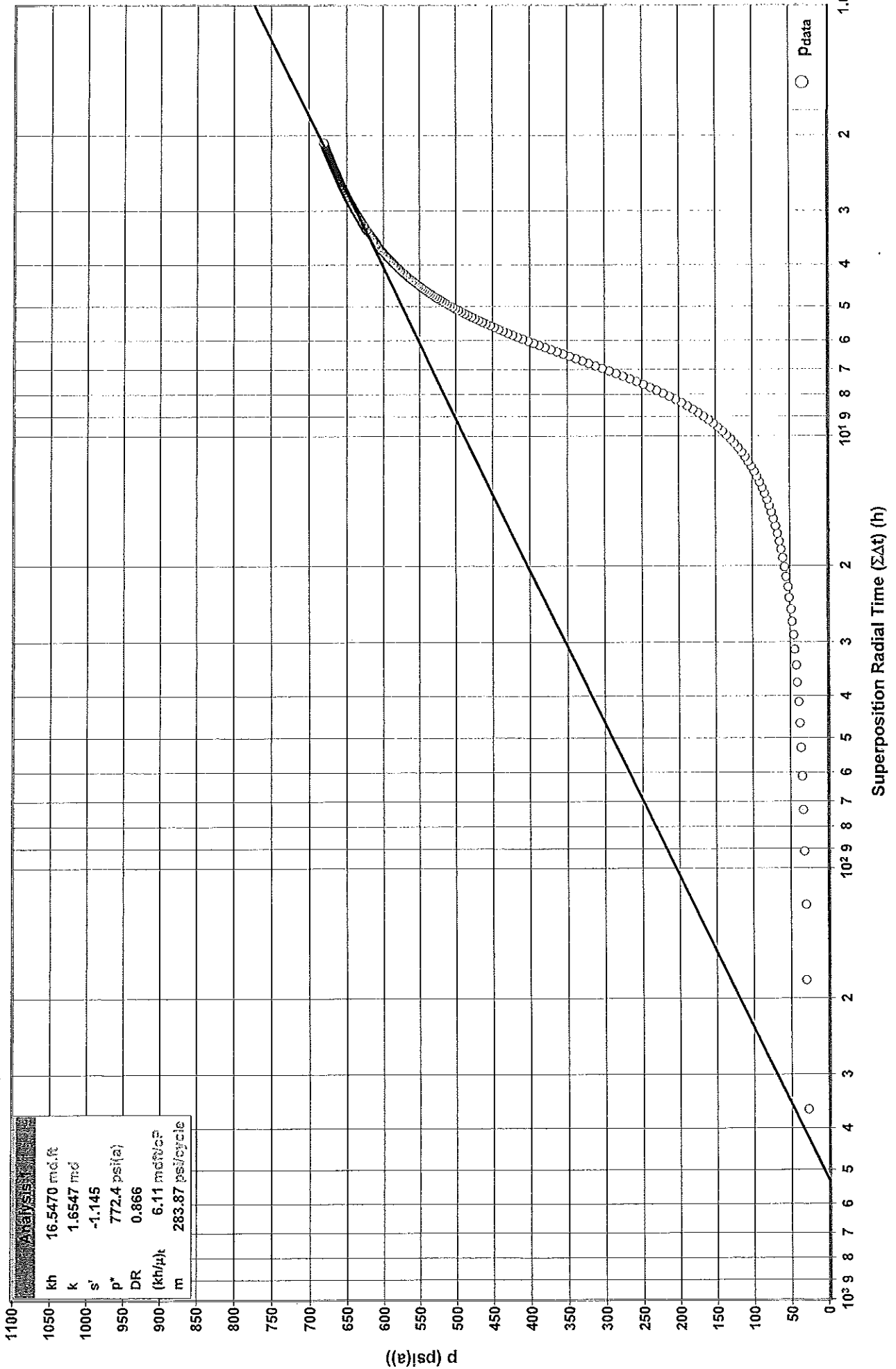
Fluid Properties

Reservoir Temperature (T _{resv})	106.0 °F
Reservoir Pressure (p _{resv})	1859.9 psi(a)
Oil Gravity (γ _o)	30.0 °API
Oil Viscosity (μ _o)	2.7064 cP
Oil Compressibility (c _o)	9.3285e-06 1/psi
Oil Formation Volume Factor (B _o)	1.186
Solution Gas Ratio (R _s)	346.7 scf/bbl
Oil Correlation	Vasquez and Beggs
Oil Viscosity Correlation	Beggs & Robinson

Production and Times

Corrected Time (t _c)	0.49 h
Total Cumulative Production Oil (Cum _{oil})	0.00 Mbbbl
Final Oil Rate (q _{o final})	9.0 bbl/d

VESS OIL CORPORATION
 TOMCAT B #2
 DST #2 LANSING 'H-L' 3,534' - 3,641'
 Radial



Analysis	
kh	16.5470 md.ft
k	1.6547 md
s'	-1.145
p^*	772.4 psi(a)
DR	0.866
(kh/ μ k)	6.11 md/cp
m	283.87 psi/cycle

Oil Well Test - Buildup Radial Flow Analysis

Analysis Results

Flow Capacity (kh)	16.5 md.ft	Total Skin (s')	-1.145
Effective Permeability (k)	1.6547 md	Skin Due to Damage (s _d)	-1.145
Effective Gas Permeability (k _g)	md	Skin Due To Inclination (s _{inc})	
Effective Oil Permeability (k _o)	1.6547 md	Skin Due To Partial Penetration (s _{pp})	
Effective Water Permeability (k _w)	md	Pressure Drop Due to Total Skin (Δp _{skin})	psi(a)
Total Fluid Rate (in situ) ((qβ) _i)	10.7 rbbl/d	Damage Ratio (DR)	0.866
Total Mobility ((k/μ) _i)	0.61 md/cP	Flow Efficiency (FE)	1.154
Total Transmissivity ((kh/μ) _i)	6.11 mdft/cP		
Semi-Log Slope (m)	283.87 psi/cycle		

Reservoir Parameters

Net Pay (h)	10.000 ft
Total Porosity (φ _t)	7.00 %
Gas Saturation (S _g)	0.00 %
Oil Saturation (S _o)	80.00 %
Water Saturation (S _w)	20.00 %
Formation Compressibility (c _f)	5.6380e-06 1/psi
Total Compressibility (c _t)	1.3702e-05 1/psi
Wellbore Radius (r _w)	0.300 ft

Pressures

Extrapolated Pressure (p*)	772.4 psi(a)
Final Flowing Pressure (p _{wf})	27.0 psi(a)
Final Measured Pressure (p _{last})	0.0 psi(a)

Fluid Properties

Reservoir Temperature (T _{resv})	106.0 °F
Reservoir Pressure (p _{resv})	1859.9 psi(a)
Oil Gravity (γ _o)	30.0 °API
Oil Viscosity (μ _o)	2.7064 cP
Oil Compressibility (c _o)	9.3285e-06 1/psi
Oil Formation Volume Factor (B _o)	1.186
Solution Gas Ratio (R _s)	346.7 scf/bbl
Oil Correlation	Vasquez and Beggs
Oil Viscosity Correlation	Beggs & Robinson

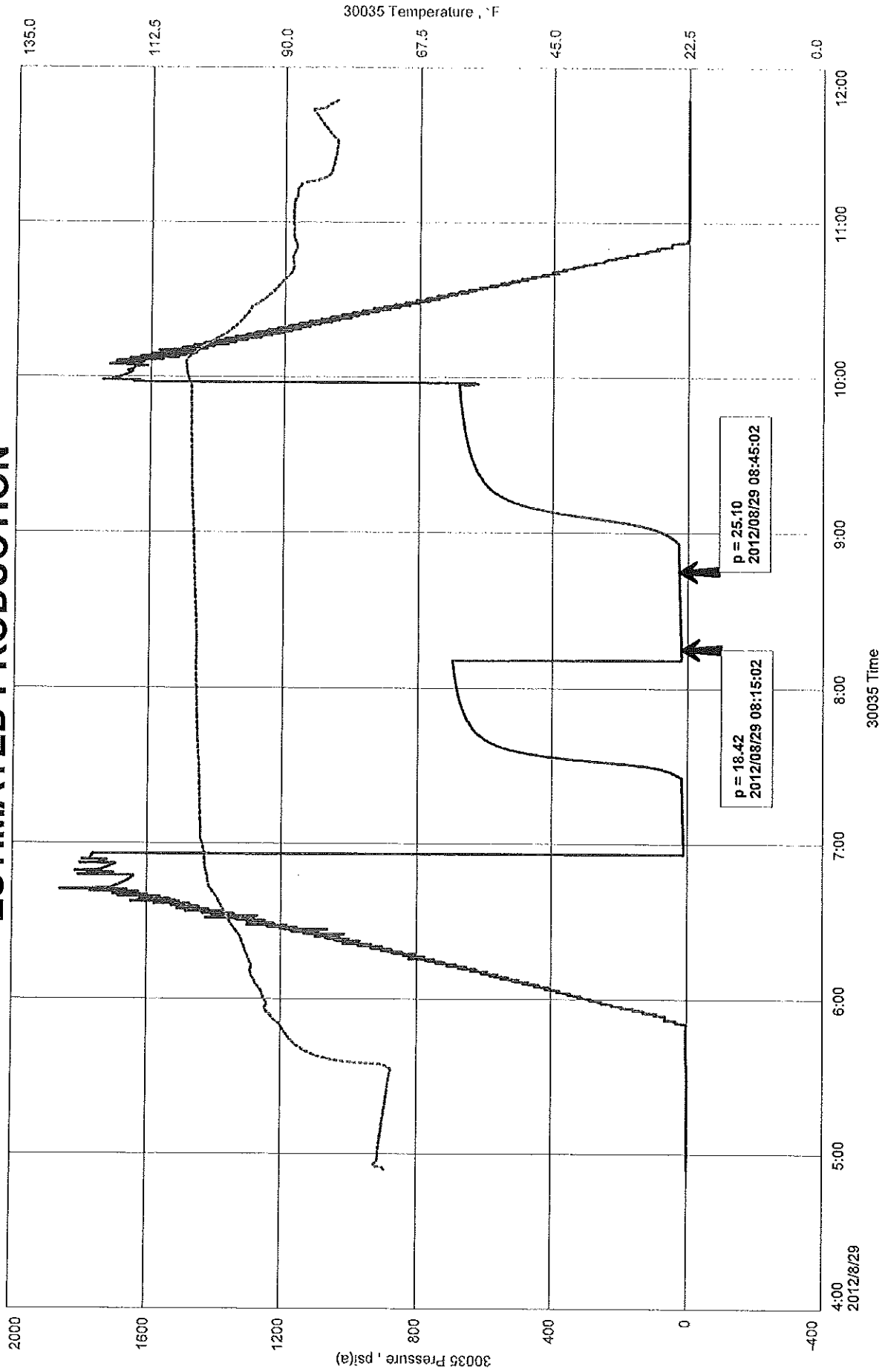
Production and Times

Corrected Time (t _c)	1.25 h
Total Cumulative Production Oil (Cum _{oil})	0.00 Mbbf
Final Oil Rate (q _{o final})	9.0 bbl/d

Vess Oil Corp.
DST #2 Lansing "H-L" 3534-3641'
Start Test Date: 2012/08/29
Final Test Date: 2012/08/29

Tomcat B #2
Formation: DST #2 Lansing "H-L" 3534-3641'
Job Number: S0204

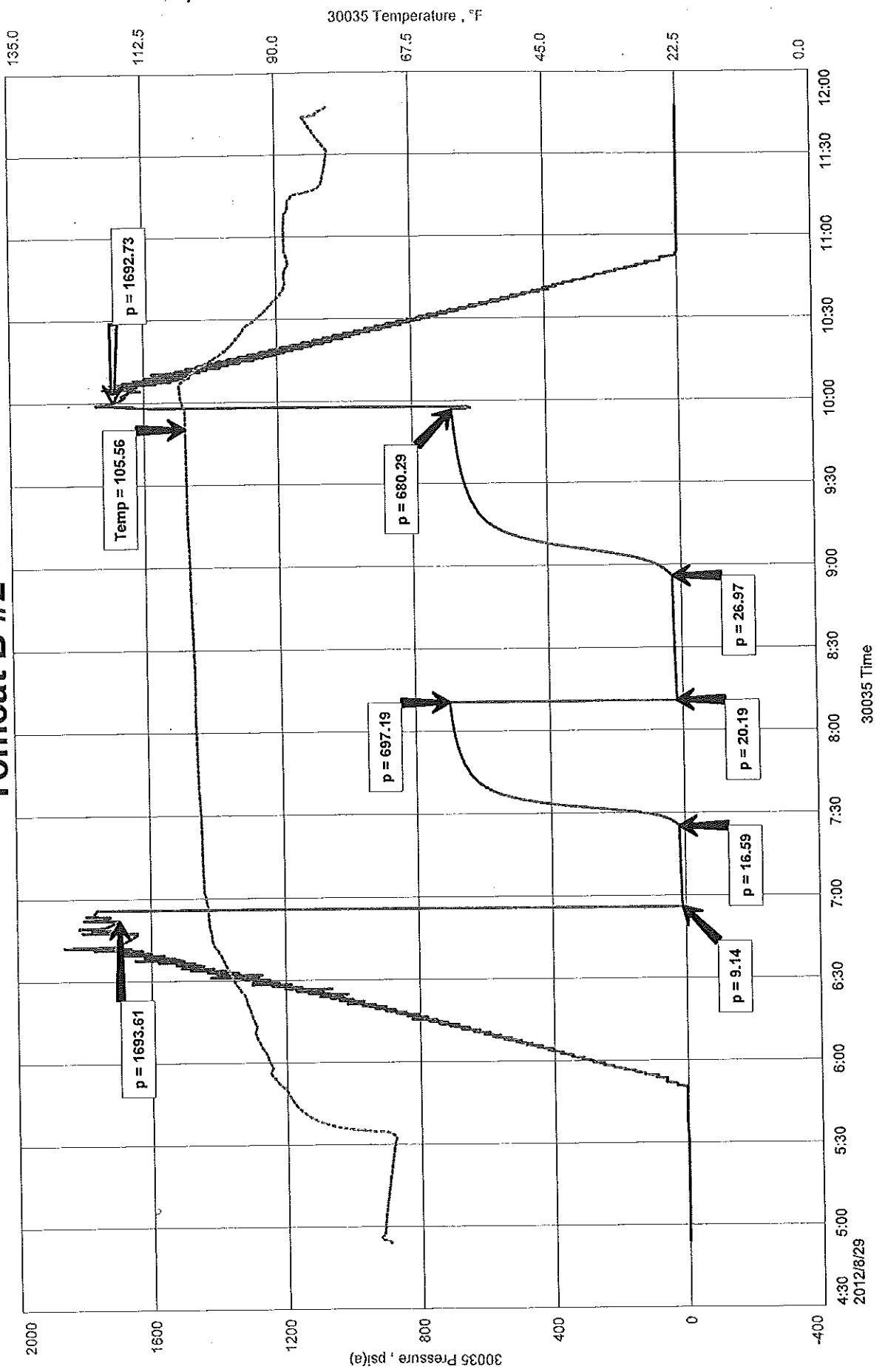
ESTIMATED PRODUCTION

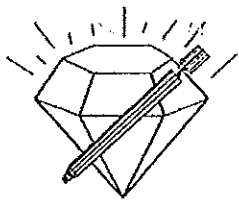


Tomcat B #2
 Formation: DST #2 Lansing "H-L" 3534-3641'
 Job Number: S0204

Vess Oil Corp.
 DST #2 Lansing "H-L" 3534-3641'
 Start Test Date: 2012/08/29
 Final Test Date: 2012/08/29

Tomcat B #2





DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

STC 30035.D0205

Company Vess Oil Corporation Lease & Well No. Tomcat "B" No. 2
 Elevation 2161 KB Formation Arbuckle Effective Pay _____ Ft. Ticket No. S0205
 Date 8-30-12 Sec. 24 Twp. 10S Range 20W County Rooks State Kansas
 Test Approved By Roger L. Martin Diamond Representative Jacob McCallie

Formation Test No. 3 Interval Tested from 3,640 ft. to 3,718 ft. Total Depth 3,718 ft.
 Packer Depth 3,635 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Packer Depth 3,640 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Depth of Selective Zone Set _____ ft.

Top Recorder Depth (Inside) 3,621 ft. Recorder Number 30035 Cap. 10,000 psi.
 Bottom Recorder Depth (Outside) 3,715 ft. Recorder Number 3851 Cap. 5,700 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 54 Weight Pipe Length _____ ft I.D. _____ in.
 Weight 9.2 Water Loss 8.0 cc. Drill Pipe Length 3,607 ft I.D. 3 1/4 in.
 Chlorides 3,500 P.P.M. Test Tool Length 33 ft Tool Size 3 1/2-IF in.
 Jars: Make Sterling Serial Number 3 Anchor Length 46' perf. w/ 32' drill pipe Size 4 1/2-FH in.
 Did Well Flow? No Reversed Out Yes 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, 2 1/2 in. blow increasing. Off bottom of bucket in 2 3/4 mins. Good, 3 1/4 in. blow back during shut-in.

2nd Open: Weak, 1 1/2 in. blow increasing. Off bottom of bucket in 3 1/2 mins. Weak, surface blow back during shut-in.

Recovered 189 ft. of gas in pipe
 Recovered 811 ft. of clean oil = 8.320860 bbls. (Grind out: 100%-clean oil) Gravity: 26 @ 60°
 Recovered 231 ft. of gas & water cut muddy oil = 2.370060 bbls. (Grind out: 12%-gas; 55%-oil; 12%-water; 21%-mud) Chlorides: 18,000 Ppm PH: 7.0
 Recovered 495 ft. of Lost down hole = 5.078700 bbls.
 Recovered 1,537 ft. of TOTAL FLUID = 15.769620 bbls.
 Recovered _____ ft. of _____

Remarks Tool Sample Grind Out: 2%-gas; 67%-oil; 9%-water; 22%-mud
Circulated into truck with 17 stands in hole.

Time Set Packer(s) 6:18 A.M. Time Started off Bottom 9:18 A.M. Maximum Temperature 113°
 Initial Hydrostatic Pressure.....(A) 1710 P.S.I.
 Initial Flow Period.....Minutes 30 (B) 46 P.S.I. to (C) 364 P.S.I.
 Initial Closed In Period.....Minutes 45 (D) 909 P.S.I.
 Final Flow Period.....Minutes 45 (E) 371 P.S.I. to (F) 634 P.S.I.
 Final Closed In Period.....Minutes 60 (G) 900 P.S.I.
 Final Hydrostatic Pressure.....(H) 1712 P.S.I.

Diamond Testing

General information Report

General Information

Company Name Vess Oil Corp.

Contact	Patrick Canaday	Job Number	S0205
Well Name	Tomcat B #2	Representative	Jacob McCallie
Unique Well ID	DST #3 Arbuckle 3640-3718'	Well Operator	Vess Oil Corp.
Surface Location	SEC 24-10S-20W Rooks County	Report Date	2012/08/30
Well License Number		Prepared By	Jacob McCallie
Field	Marcotte		
Well Type	Vertical		

Test Type	Drill Stem Test		
Formation	DST #3 Arbuckle 3640-3718'	Start Test Time	04:04:00
Well Fluid Type	01 Oil	Final Test Time	14:11:00
Start Test Date	2012/08/30		
Final Test Date	2012/08/30		
Gauge Name	30035		
Gauge Serial Number			

Test Results

RECOVERED:

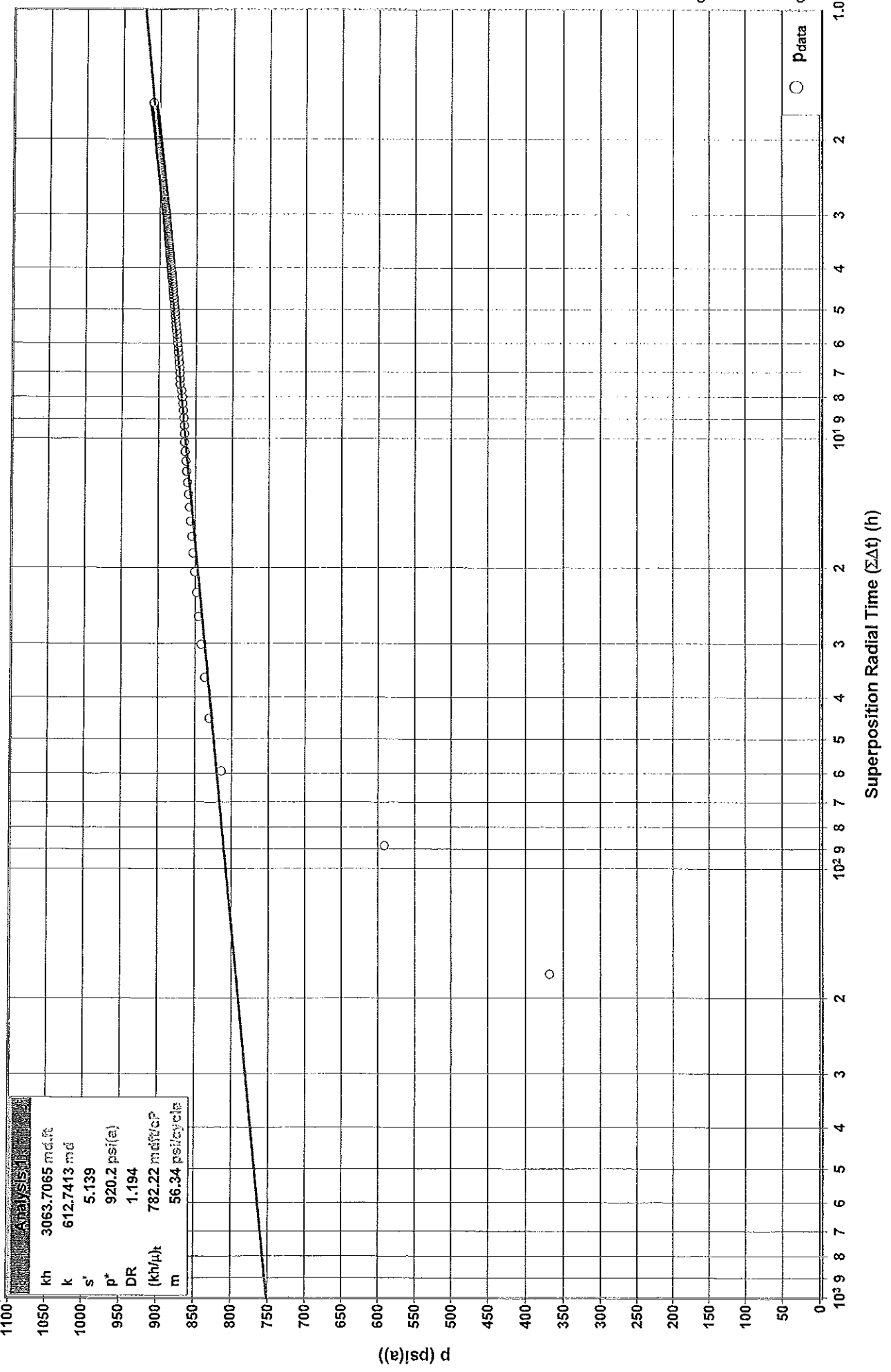
189'	GIP		
811'	CO	100% CO	GRAVITY: 26 @ 60 degrees F
231'	Gas/WTR Cut Muddy Oil	12% G 55% O 12% W 21% M	
495'	LOST DOWN HOLE		
1537'	TOTAL FLUID		

PH: 7
Chlorides: 18,000 ppm

TOOL SAMPLE:

2% G 67% O 9% W 22% M

VESS OIL CORPORATION
 TOMCAT B #2
 DST #3 ARBUCKLE 3,640' - 3,718'



Analysis	
kh	3063.7065 md.ft
k	612.7413 md
s'	5.139
p*	920.2 psi(a)
DR	1.194
(kh/μ)	782.22 md/cp
m	56.34 psi/cycle

Oil Well Test - Buildup

Radial Flow Analysis

Analysis Results

Flow Capacity (kh)	3064 md.ft	Total Skin (s')	5.139
Effective Permeability (k)	612.7413 md	Skin Due to Damage (s _d)	5.139
Effective Gas Permeability (k _g)	md	Skin Due To Inclination (s _{inc})	
Effective Oil Permeability (k _o)	612.7413 md	Skin Due To Partial Penetration (s _{pp})	
Effective Water Permeability (k _w)	md	Pressure Drop Due to Total Skin (Δp _{skin})	251.6 psi(a)
Total Fluid Rate (in situ) ((qβ) _i)	271.0 rbbl/d	Damage Ratio (DR)	1.194
Total Mobility ((k/μ) _i)	156.44 md/cP	Flow Efficiency (FE)	0.837
Total Transmissivity ((kh/μ) _i)	782.22 mdft/cP		
Semi-Log Slope (m)	56.34 psi/cycle		

Reservoir Parameters

Net Pay (h)	5.000 ft
Total Porosity (φ _t)	20.00 %
Gas Saturation (S _g)	0.00 %
Oil Saturation (S _o)	80.00 %
Water Saturation (S _w)	20.00 %
Formation Compressibility (c _f)	3.6468e-06 1/psi
Total Compressibility (c _t)	1.0687e-05 1/psi
Wellbore Radius (r _w)	0.300 ft

Pressures

Extrapolated Pressure (p*)	920.2 psi(a)
Final Flowing Pressure (p _{wf})	366.3 psi(a)
Final Measured Pressure (p _{last})	0.1 psi(a)

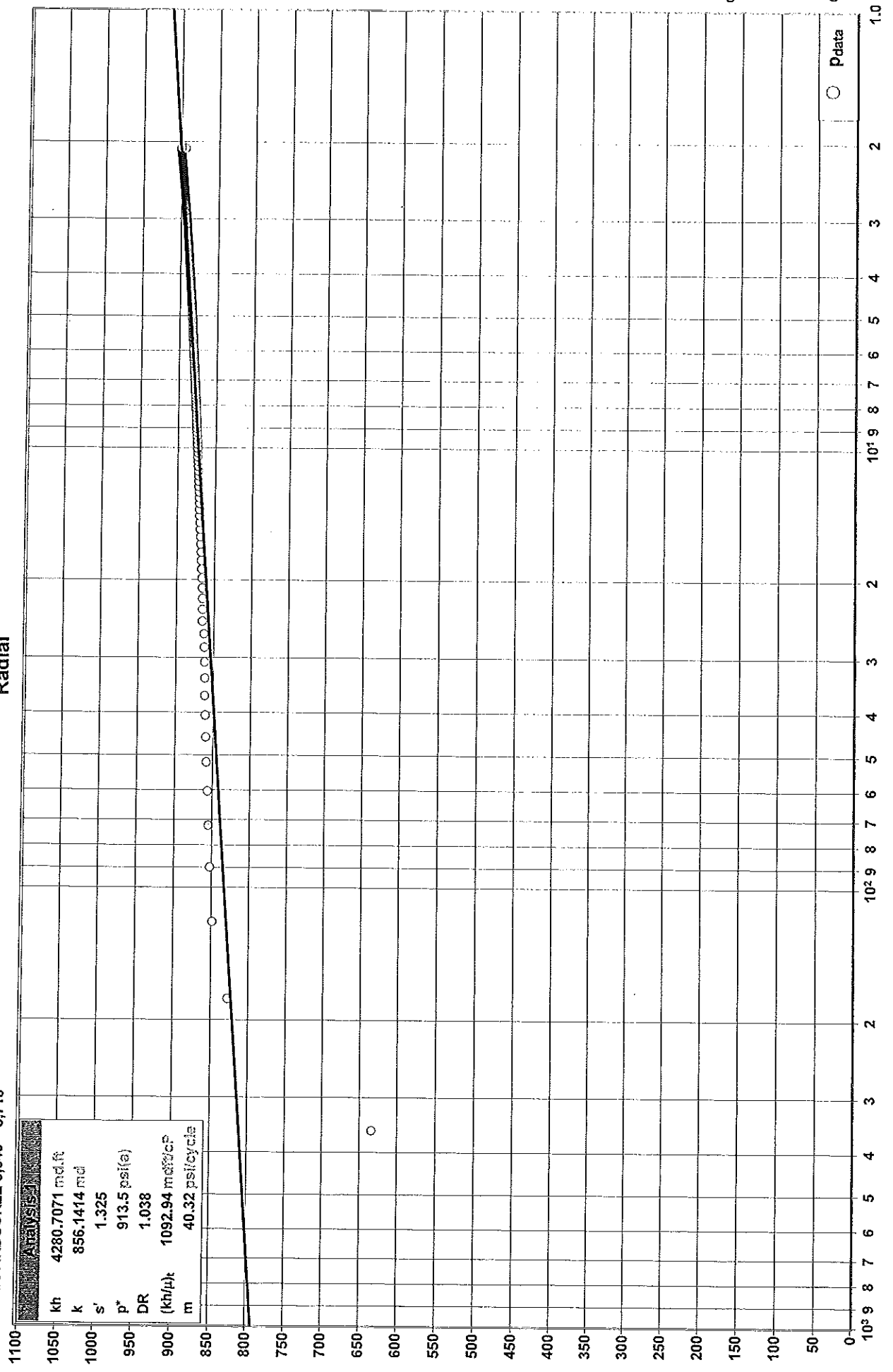
Fluid Properties

Reservoir Temperature (T _{resv})	113.0 °F
Reservoir Pressure (p _{resv})	1912.4 psi(a)
Oil Gravity (γ _o)	26.0 °API
Oil Viscosity (μ _o)	3.9167 cP
Oil Compressibility (c _o)	8.0524e-06 1/psi
Oil Formation Volume Factor (B _o)	1.163
Solution Gas Ratio (R _s)	293.7 scf/bbl
Oil Correlation	Vasquez and Beggs
Oil Viscosity Correlation	Beggs & Robinson

Production and Times

Corrected Time (t _c)	0.49 h
Total Cumulative Production Oil (Cum _{oil})	0.00 Mbbl
Final Oil Rate (q _{o final})	233.0 bbl/d

VESS OIL CORPORATION
 TOMCAT B #2
 DST #3 ARBUCKLE 3,640' - 3,718'
 DST #3 FINAL SHUT-IN
 Radial



Analysis	
kh	4280.7071 md.ft
k	856.1414 md
s'	1.325
p*	913.5 psi(e)
DR	1.038
(kh/μk)	1092.94 md/cp
m	40.32 psi/cycle

((e)psid) d

Superposition Radial Time (ΣΔt) (h)

Oil Well Test - Buildup

Radial Flow Analysis

Analysis Results

Flow Capacity (kh)	4281 md.ft	Total Skin (s')	1.325
Effective Permeability (k)	856.1414 md	Skin Due to Damage (s _d)	1.325
Effective Gas Permeability (k _g)	md	Skin Due To Inclination (s _{inc})	
Effective Oil Permeability (k _o)	856.1414 md	Skin Due To Partial Penetration (s _{pp})	
Effective Water Permeability (k _w)	md	Pressure Drop Due to Total Skin (Δp _{skin})	46.4 psi(a)
Total Fluid Rate (in situ) ((qβ) _i)	271.0 rbbl/d	Damage Ratio (DR)	1.038
Total Mobility ((k/μ) _i)	218.59 md/cP	Flow Efficiency (FE)	0.964
Total Transmissivity ((kh/μ) _i)	1092.94 mdft/cP		
Semi-Log Slope (m)	40.32 psi/cycle		

Reservoir Parameters

Net Pay (h)	5.000 ft
Total Porosity (φ _t)	20.00 %
Gas Saturation (S _g)	0.00 %
Oil Saturation (S _o)	80.00 %
Water Saturation (S _w)	20.00 %
Formation Compressibility (c _f)	3.6468e-06 1/psi
Total Compressibility (c _t)	1.0687e-05 1/psi
Wellbore Radius (r _w)	0.300 ft

Pressures

Extrapolated Pressure (p*)	913.5 psi(a)
Final Flowing Pressure (p _{wf0})	632.4 psi(a)
Final Measured Pressure (p _{last})	0.1 psi(a)

Fluid Properties

Reservoir Temperature (T _{resv})	113.0 °F
Reservoir Pressure (P _{resv})	1912.4 psi(a)
Oil Gravity (γ _o)	26.0 °API
Oil Viscosity (μ _o)	3.9167 cP
Oil Compressibility (c _o)	8.0524e-06 1/psi
Oil Formation Volume Factor (B _o)	1.163
Solution Gas Ratio (R _s)	293.7 scf/bbl
Oil Correlation	Vasquez and Beggs
Oil Viscosity Correlation	Beggs & Robinson

Production and Times

Corrected Time (t _c)	1.23 h
Total Cumulative Production Oil (Cum _{oil})	0.01 Mbbl
Final Oil Rate (q _{o final})	233.0 bbl/d

DST #3 ARBUCKLE 3,640' - 3,718'

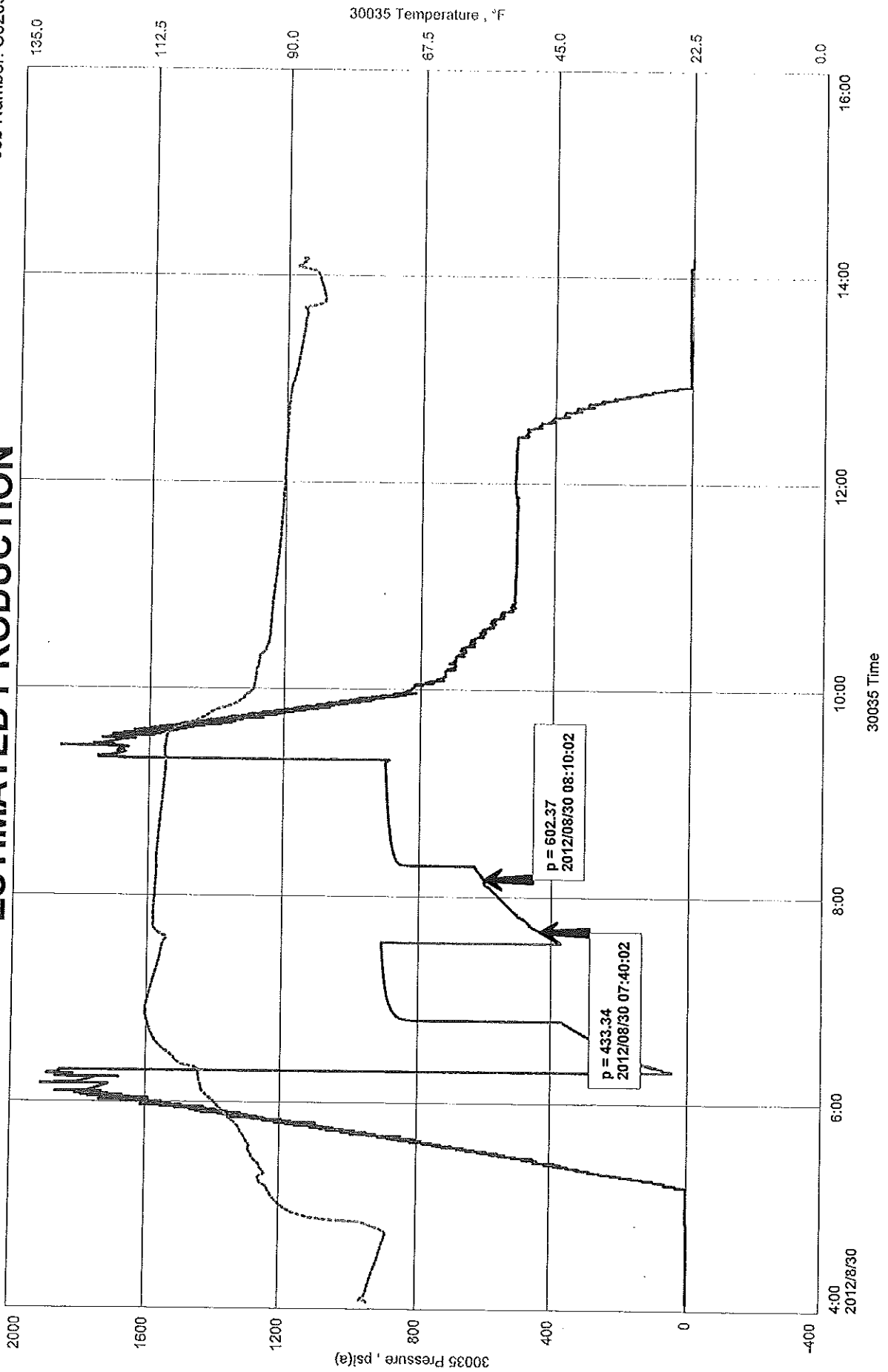
VESS OIL CORPORATION
TOMCAT B #2

<u>DESCRIPTION</u>	<u>SECOND READING</u>	<u>FIRST READING</u>	<u>PRESSURE CHANGE</u>	<u>DRILL-PIPE SIZE-ID</u>	<u>FLUID GRADIENT</u>	<u>TIME CHANGE</u>	<u>TOTAL TIME</u>	<u>DAILY PRODUCTION</u>	<u>AVERAGE PERCENTAGE OIL</u>	<u>ESTIMATED DAILY PRODUCTION</u>
FINAL FLOW	602	433	169	0.0142	0.389	30	1440	296	78.74%	233

Vess Oil Corp.
 DST #3 Arbuckle 3640-3718'
 Start Test Date: 2012/08/30
 Final Test Date: 2012/08/30

Tomcat B #2
 Formation: DST #3 Arbuckle 3640-3718'
 Pool: In Field
 Job Number: S0205

ESTIMATED PRODUCTION



Vess Oil Corp.
DST #3 Arbuckle 3640-3718'
Start Test Date: 2012/08/30
Final Test Date: 2012/08/30

Tomcat B #2
Formation: DST #3 Arbuckle 3640-3718'
Pool: In Field
Job Number: S0205

Tomcat B #2

