



DIAMOND TESTING, LLC
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HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
SNDRA1-3DST1

Page 1 of 2 Pages

Company Trans Pacific Oil Corporation Lease & Well No. Sander "A" No. 1-3
Elevation 1951 KB Formation Lansing Top 35' Effective Pay Ft. Ticket No. M684
Date 8-4-14 Sec. 3 Twp. 7S Range 18W County Rooks State Kansas
Test Approved By Alex Chapin Diamond Representative Mike Cochran

Formation Test No. 1 Interval Tested from 3,165 ft. to 3,215 ft. Total Depth 3,215 ft.
Packer Depth 3,160 ft. Size 6 3/4 in. Packer Depth ft. Size in.
Packer Depth 3,165 ft. Size 6 3/4 in. Packer Depth ft. Size in.
Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 3,154 ft. Recorder Number 0063 Cap. 6,000 psi.
Bottom Recorder Depth (Outside) 3,167 ft. Recorder Number E1185 Cap. 5,000 psi.
Below Straddle Recorder Depth ft. Recorder Number Cap. psi.

Drilling Contractor Shields Drilling Company, Inc. - Rig 1 Drill Collar Length ft. I.D. in.
Mud Type Chemical Viscosity 51 Weight Pipe Length 466 ft. I.D. 2 3/4 in.
Weight 9.3 Water Loss 7.2 cc. Drill Pipe Length 2,674 ft. I.D. 3 1/2 in.
Chlorides 900 P.P.M. Test Tool Length 25 ft. Tool Size 3 1/2-IF in.
Jars: Make Sterling Serial Number Not Run Anchor Length 18' perf. w/32' 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, surface blow increasing to 3 1/4 ins. No blow back during shut-in.

2nd Open: Very weak, surface blow increasing to 4 ins. No blow back during shut-in.

Recovered 126 ft. of gas & slightly oil cut, watery mud = .934920 bbls. (Grind out: 3%-gas; 4%-oil; 24%-water; 69%-mud)

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks Tool Sample Grind Out: 6%-gas; 11%-oil; 34%-water; 49%-mud (Chlorides: 21,000 Ppm PH: 7.0 RW: .41 @ 96°)

Time Set Packer(s) 7:00 A.M. Time Started off Bottom 11:15 A.M. Maximum Temperature 99°
Initial Hydrostatic Pressure.....(A) 1520 P.S.I.
Initial Flow Period.....Minutes 30 (B) 8 P.S.I. to (C) 33 P.S.I.
Initial Closed In Period.....Minutes 75 (D) 1142 P.S.I.
Final Flow Period.....Minutes 60 (E) 37 P.S.I. to (F) 69 P.S.I.
Final Closed In Period.....Minutes 90 (G) 1113 P.S.I.
Final Hydrostatic Pressure.....(H) 1517 P.S.I.

DIAMOND TESTING

Pressure Survey Report

General Information

Company Name	TRANS PACIFIC OIL CORPORATION	Job Number	M684
Well Name	SANDER "A" #1-3	Representative	MIKE COCHRAN
Unique Well ID	DST #1 3165-3215 LANS. TOP 35'	Well Operator	TRANS PACIFIC OIL CORPORATION
Surface Location	SEC 3-7S-18W ROOKS CO.KS.	Report Date	2014/08/04
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	ALEX CHAPIN
	Test Unit		NO. 3

Test Information

Test Type	CONVENTIONAL		
Formation	DST #1 3165-3215 LANS. TOP 35'		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2014/08/04	Start Test Time	05:05:00
Final Test Date	2014/08/04	Final Test Time	12:50:00
		Well Fluid Type	01 Oil
Gauge Name	0063		
Gauge Serial Number			

Test Results

Remarks RECOVERED:
126' GSOCWM 3% GAS, 4% OIL, 24% WTR, 69% MUD
126' TOTAL FLUID

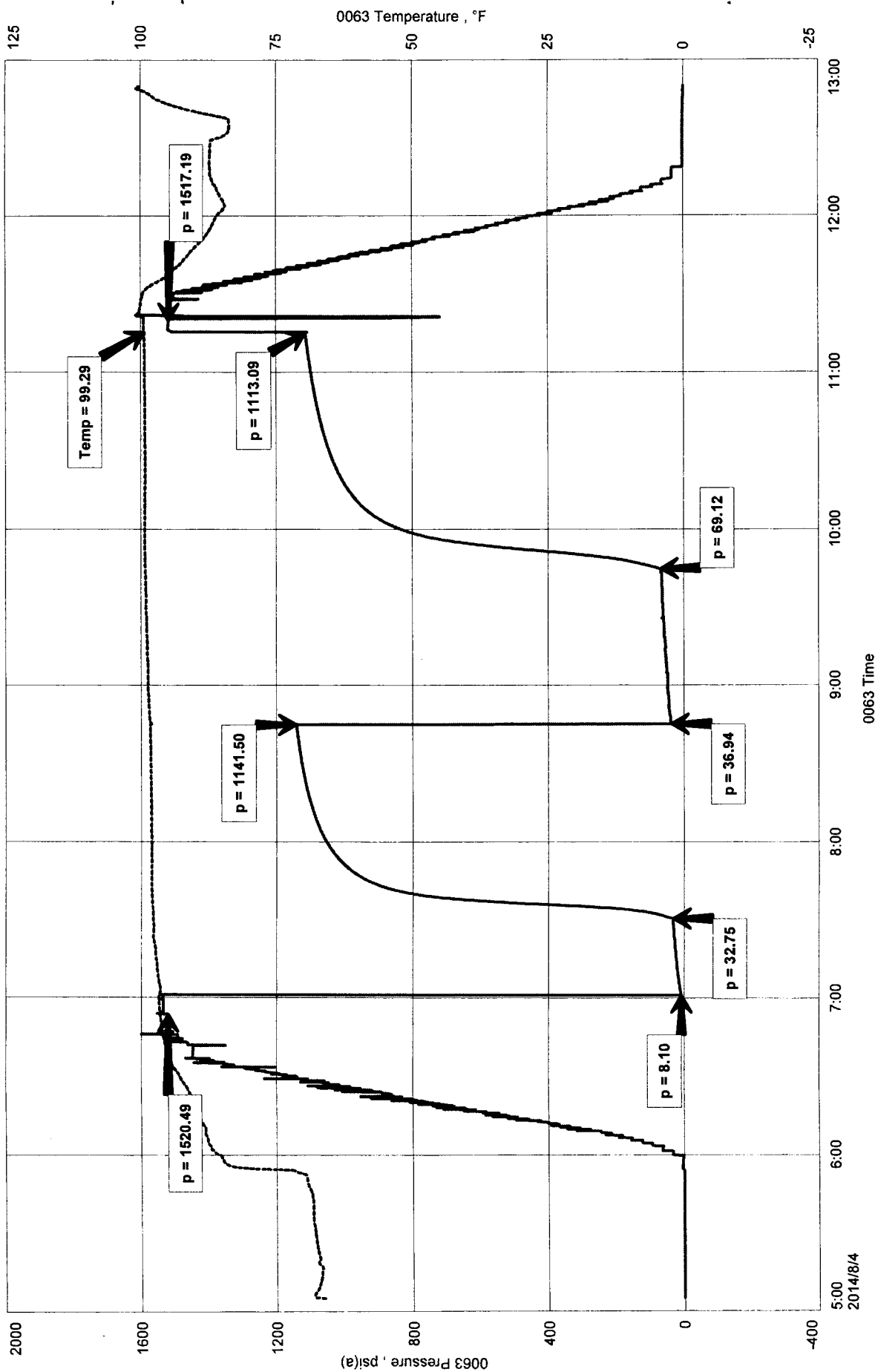
CHLOR: 21,000 PPM
PH: 7.0
RW: .41 @ 96 DEG

TOOL SAMPLE: 6% GAS, 11% OIL, 34% WTR, 49% MUD

TRANS PACIFIC OIL CORPORATION
DST #1 3165-3215 LANS. TOP 35'
Start Test Date: 2014/08/04
Final Test Date: 2014/08/04

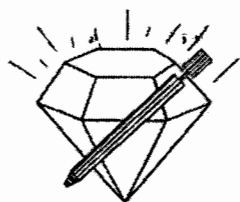
SANDER "A" #1-3
Formation: DST #1 3165-3215 LANS. TOP 35'
Pool: WILDCAT
Job Number: M684

SANDER "A" #1-3



This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Electronic Reading	
(A) Initial Hydrostatic Mud	1520	PSI
(B) First Initial Flow Pressure	8	PSI
(C) First Final Flow Pressure	33	PSI
(D) Initial Closed-in Pressure	1142	PSI
(E) Second Initial Flow Pressure	37	PSI
(F) Second Final Flow Pressure	69	PSI
(G) Final Closed-in Pressure	1113	PSI
(H) Final Hydrostatic Mud	1517	PSI



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SNDRA1-3DST2

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Company Trans Pacific Oil Corporation Lease & Well No. Sander "A" No. 1-3
Elevation 1951 KB Formation Lansing 70' Effective Pay Ft. Ticket No. M685
Date 8-4-14 Sec. 3 Twp. 7S Range 18W County Rooks State Kansas
Test Approved By Alex Chapin Diamond Representative Mike Cochran

Formation Test No. 2 Interval Tested from 3,225 ft. to 3,244 ft. Total Depth 3,244 ft.
Packer Depth 3,220 ft. Size 6 3/4 in. Packer Depth ft. Size in.
Packer Depth 3,225 ft. Size 6 3/4 in. Packer Depth ft. Size in.
Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 3,214 ft. Recorder Number 0063 Cap. 6,000 psi.
Bottom Recorder Depth (Outside) 3,227 ft. Recorder Number E1150 Cap. 5,000 psi.
Below Straddle Recorder Depth ft. Recorder Number Cap. psi.

Drilling Contractor Shields Drilling Company, Inc. - Rig 1 Drill Collar Length ft. I.D. in.
Mud Type Chemical Viscosity 53 Weight Pipe Length 466 ft. I.D. 2 3/4 in.
Weight 9.1 Water Loss 7.2 cc. Drill Pipe Length 2,734 ft. I.D. 3 1/2 in.
Chlorides 1,000 P.P.M. Test Tool Length 25 ft. Tool Size 3 1/2-IF in.
Jars: Make Sterling Serial Number Not Run Anchor Length 19 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, surface blow increasing. Off bottom of bucket in 2 mins. Bottom of bucket blow back during shut-in.

2nd Open: Strong, surface blow increasing. Off bottom of bucket in 3 mins. 7 in. blow back during shut-in.

Recovered 658 ft. of gas in pipe
Recovered 1,555 ft. of gassy oil = 18.954190 bbls. (Grind out: 10%-gas; 90%-oil) Gravity: 33.3 @ 60°
Recovered 1,555 ft. of TOTAL FLUID = 18.954190 bbls.
Recovered ft. of
Recovered ft. of
Recovered ft. of
Remarks Tool Sample Grind Out: 4%-gas; 91%-oil; 5%-mud w/a trace of water

Time Set Packer(s) 8:45 P.M. Time Started off Bottom 1:00 A.M. Maximum Temperature 104°
Initial Hydrostatic Pressure.....(A) 1537 P.S.I.
Initial Flow Period.....Minutes 30 (B) 35 P.S.I. to (C) 301 P.S.I.
Initial Closed In Period.....Minutes 75 (D) 1151 P.S.I.
Final Flow Period.....Minutes 60 (E) 307 P.S.I. to (F) 574 P.S.I.
Final Closed In Period.....Minutes 90 (G) 1081 P.S.I.
Final Hydrostatic Pressure.....(H) 1530 P.S.I.

DIAMOND TESTING

Pressure Survey Report

General Information

Company Name	TRANS PACIFIC OIL CORPORATION	Job Number	M685
Well Name	SANDER "A" #1-3	Representative	MIKE COCHRAN
Unique Well ID	DST #2 3225-3244 LANS. 70'	Well Operator	TRANS PACIFIC OIL CORPORATION
Surface Location	SEC 3-7S-18W ROOKS CO.KS.	Report Date	2014/08/04
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	ALEX CHAPIN
	Test Unit		NO. 3

Test Information

Test Type	CONVENTIONAL
Formation	DST #2 3225-3244 LANS. 70'
Test Purpose (AEUB)	Initial Test

Start Test Date	2014/08/04	Start Test Time	19:10:00
Final Test Date	2014/08/05	Final Test Time	05:00:00
		Well Fluid Type	01 Oil

Gauge Name	0063
Gauge Serial Number	

Test Results

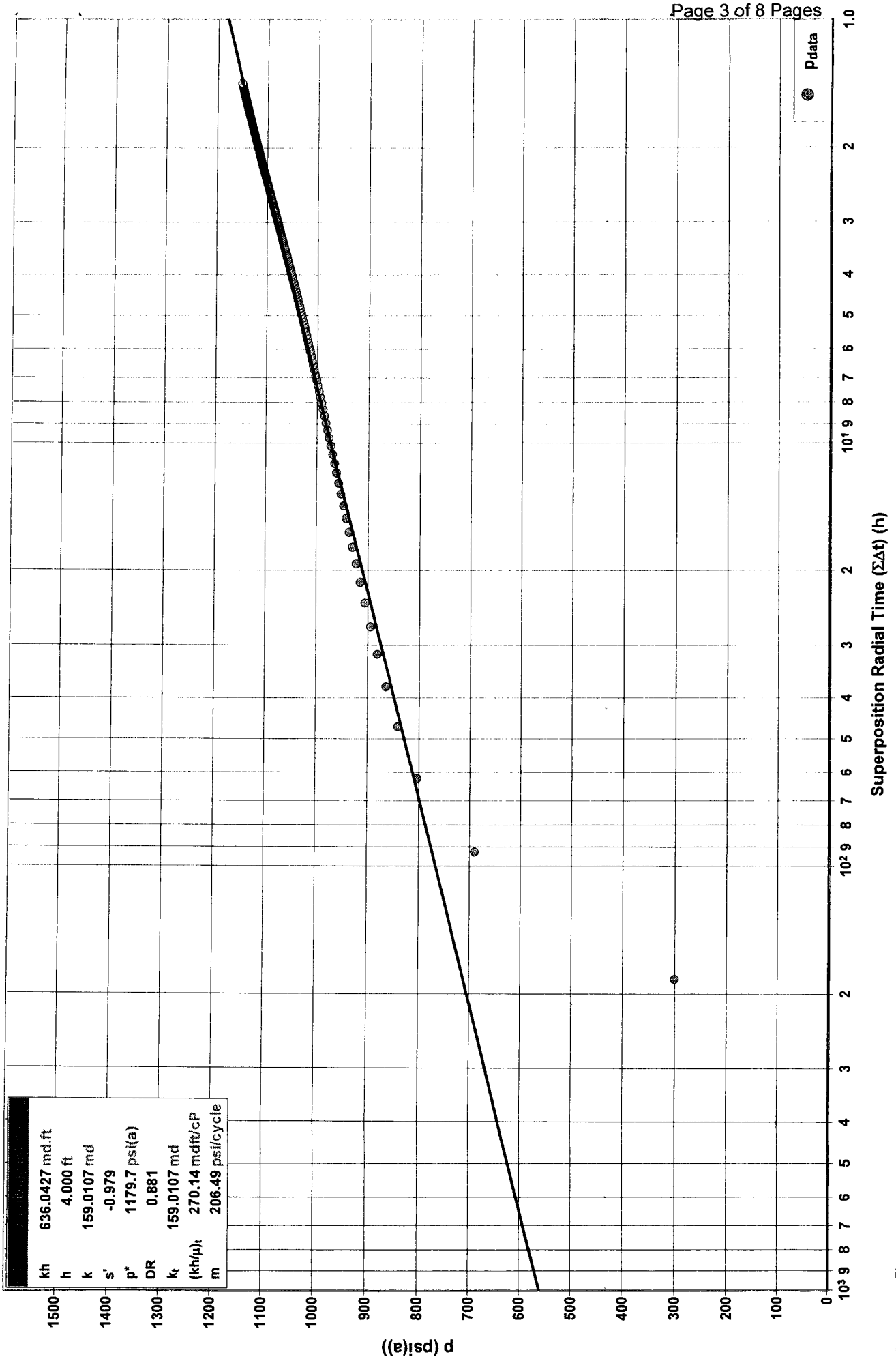
Remarks RECOVERED:
658' GIP
1555' GO 10% GAS, 90% OIL
1555' TOTAL FLUID (1089' DP, 466' WT PIPE)

GRAVITY: 33.3 @ 60 DEG

TOOL SAMPLE: 4% GAS, ~91% OIL, 5% MUD W/ A TR OF WTR

TRANS PACIFIC OIL CORPORATION
 SANDER "A" #1-3
 DST #2 LANS 70' 3,225' - 3,244'

DST #1 INITIAL SHUT-IN HORNER



Oil Well Test - Buildup

Radial Flow Analysis

Analysis Results

Flow Capacity (kh)	636 md.ft	Total Skin (s')	-0.979
Effective Permeability (k)	159.0107 md	Skin Due to Damage (s _d)	-0.979
Effective Gas Permeability (k _g)	md	Skin Due To Inclination (s _{inc})	
Effective Oil Permeability (k _o)	159.0107 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) _h)	343.1 rbbl/d	Damage Ratio (DR)	0.881
Total Mobility ((k/μ) _h)	67.53 md/cP	Flow Efficiency (FE)	1.135
Total Transmissivity ((kh/μ) _h)	270.14 mdf/cP		
Slope (m)	206.49 psi/cycle		

Reservoir Parameters

Net Pay (h)	4.000 ft
Total Porosity (φ _t)	14.00 %
Gas Saturation (S _g)	0.00 %
Oil Saturation (S _o)	80.00 %
Water Saturation (S _w)	20.00 %
Formation Compressibility (c _f)	4.2286e-06 1/psi
Total Compressibility (c _t)	1.2434e-05 1/psi
Wellbore Radius (r _w)	0.300 ft

Pressures

Extrapolated Pressure (p*)	1179.7 psi(a)
Final Flowing Pressure (p _{wfo})	300.0 psi(a)
Final Measured Pressure (p _{last})	-0.5 psi(a)

Fluid Properties

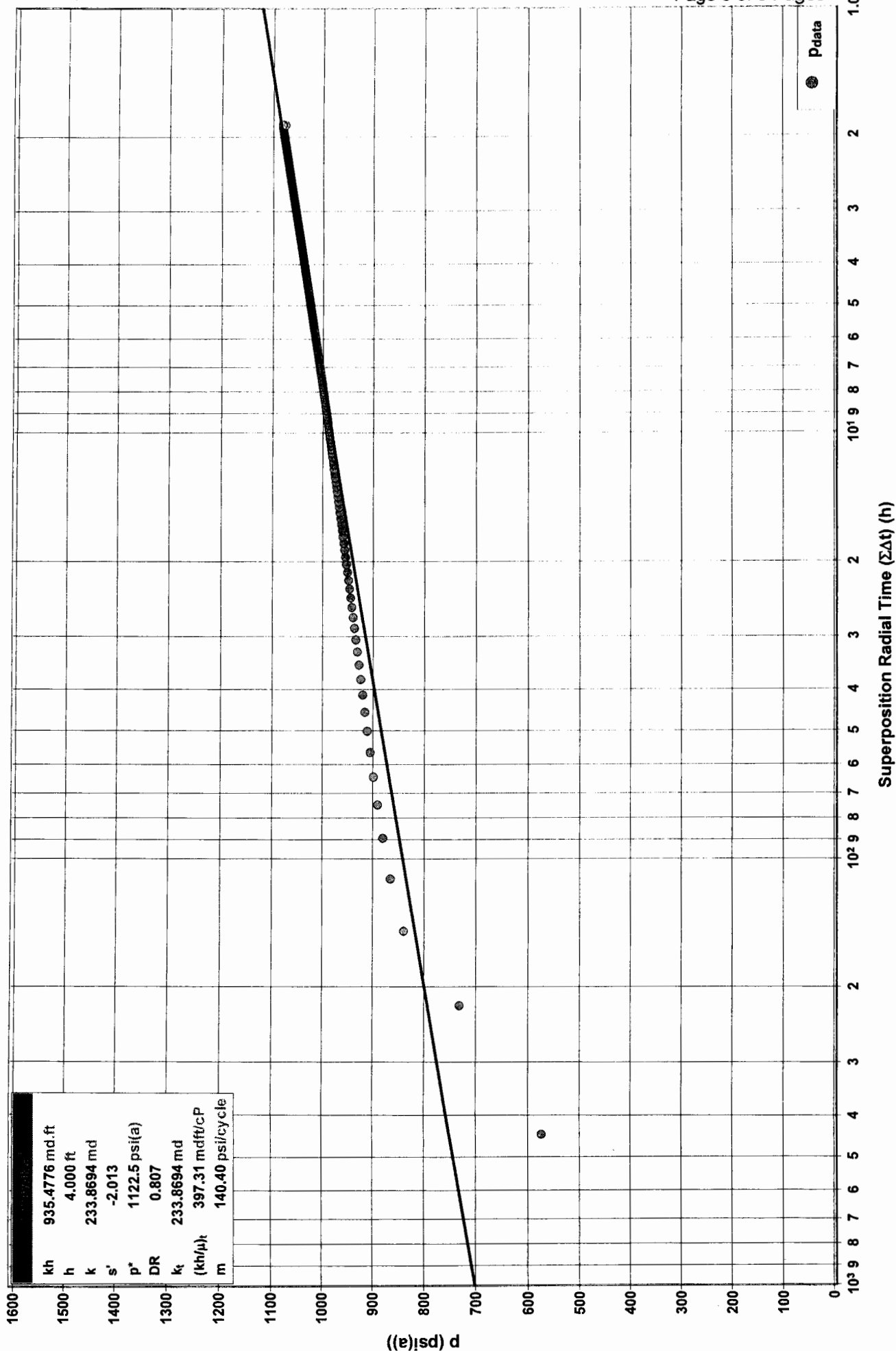
Reservoir Temperature (T _{resv})	104.0 °F
Reservoir Pressure (p _{resv})	1600.3 psi(a)
Oil Gravity (γ _o)	33.3 °API
Oil Viscosity (μ _o)	2.3545 cP
Oil Compressibility (c _o)	9.4986e-06 1/psi
Oil Formation Volume Factor (B _o)	1.167
Solution Gas Ratio (R _s)	302.3 scf/bbl
Oil Correlation	Vasquez and Beggs
Oil Viscosity Correlation	Beggs & Robinson

Production and Times

Corrected Time (t _c)	0.51 h
Total Cumulative Production Oil (Cum _{oil})	0.01 Mbbl
Final Oil Rate (q _{o final})	294.0 bbl/d

TRANS PACIFIC OIL CORPORATION SANDER "A" #1-3 DST #2 LANS 70' 3,225' - 3,244'

DST #2 FINAL SHUT-IN
HORNER



Oil Well Test - Buildup

Radial Flow Analysis

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Analysis Results

Flow Capacity (kh)	935.5 md.ft	Total Skin (s')	-2.013
Effective Permeability (k)	233.8694 md	Skin Due to Damage (s _d)	-2.013
Effective Gas Permeability (k _g)	md	Skin Due To Inclination (s _{inc})	
Effective Oil Permeability (k _o)	233.8694 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) _t)	343.1 rbb/d	Damage Ratio (DR)	0.807
Total Mobility ((k/μ) _t)	99.33 md/cP	Flow Efficiency (FE)	1.239
Total Transmissivity ((kh/μ) _t)	397.31 mdf/cP		
Slope (m)	140.40 psi/cycle		

Reservoir Parameters

Net Pay (h)	4.000 ft
Total Porosity (φ _t)	14.00 %
Gas Saturation (S _g)	0.00 %
Oil Saturation (S _o)	80.00 %
Water Saturation (S _w)	20.00 %
Formation Compressibility (c _f)	4.2286e-06 1/psi
Total Compressibility (c _t)	1.2434e-05 1/psi
Wellbore Radius (r _w)	0.300 ft

Pressures

Extrapolated Pressure (p*)	1122.5 psi(a)
Final Flowing Pressure (p _{wfo})	573.4 psi(a)
Final Measured Pressure (p _{last})	-0.5 psi(a)

Fluid Properties

Reservoir Temperature (T _{resv})	104.0 °F
Reservoir Pressure (p _{resv})	1600.3 psi(a)
Oil Gravity (γ _o)	33.3 °API
Oil Viscosity (μ _o)	2.3545 cP
Oil Compressibility (c _o)	9.4986e-06 1/psi
Oil Formation Volume Factor (B _o)	1.167
Solution Gas Ratio (R _s)	302.3 scf/bbl
Oil Correlation	Vasquez and Beggs
Oil Viscosity Correlation	Beggs & Robinson

Production and Times

Corrected Time (t _c)	1.51 h
Total Cumulative Production Oil (Cum _{oil})	0.02 Mbbl
Final Oil Rate (q _{o final})	294.0 bbl/d

TRANS PACIFIC OIL CORPORATION
SANDER "A" #1-3

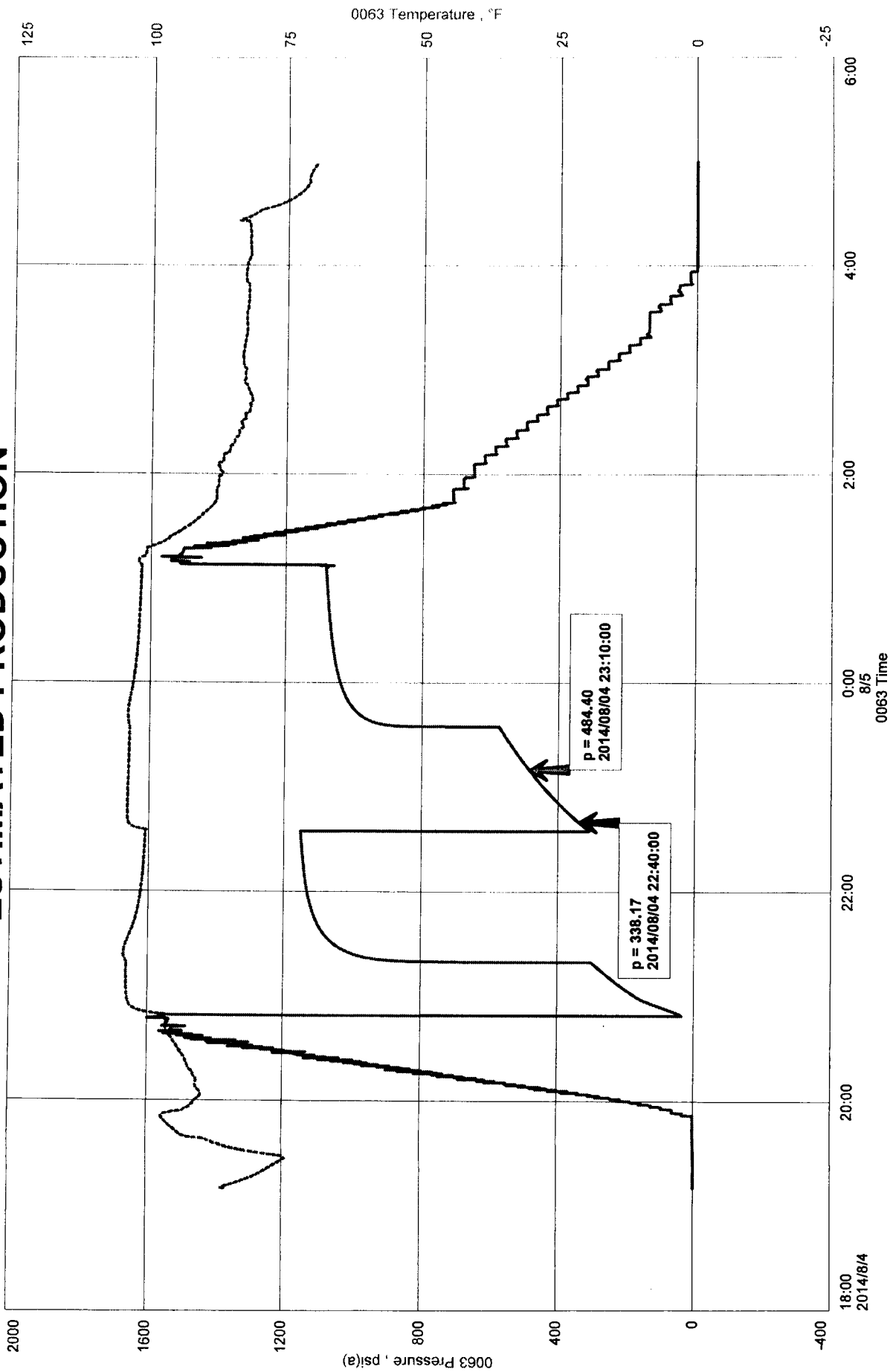
DST #2 LANS 70'
3,225' - 3,244'

DESCRIPTION	SECOND READING	FIRST READING	PRESSURE CHANGE	DRILL- PIPE SIZE-ID	FLUID GRADIENT	TIME CHANGE	TOTAL TIME	DAILY PRODUCTION	AVERAGE PERCENTAGE OIL	ESTIMATED DAILY PRODUCTION
FINAL FLOW	484	338	146	0.0142	0.338	30	1440	294	100.00%	294

TRANS PACIFIC OIL CORPORATION
DST #2 3225-3244 LANS. 70'
Start Test Date: 2014/08/04
Final Test Date: 2014/08/05

SANDER "A" #1-3
Formation: DST #2 3225-3244 LANS. 70'
Pool: WILDCAT
Job Number: M685

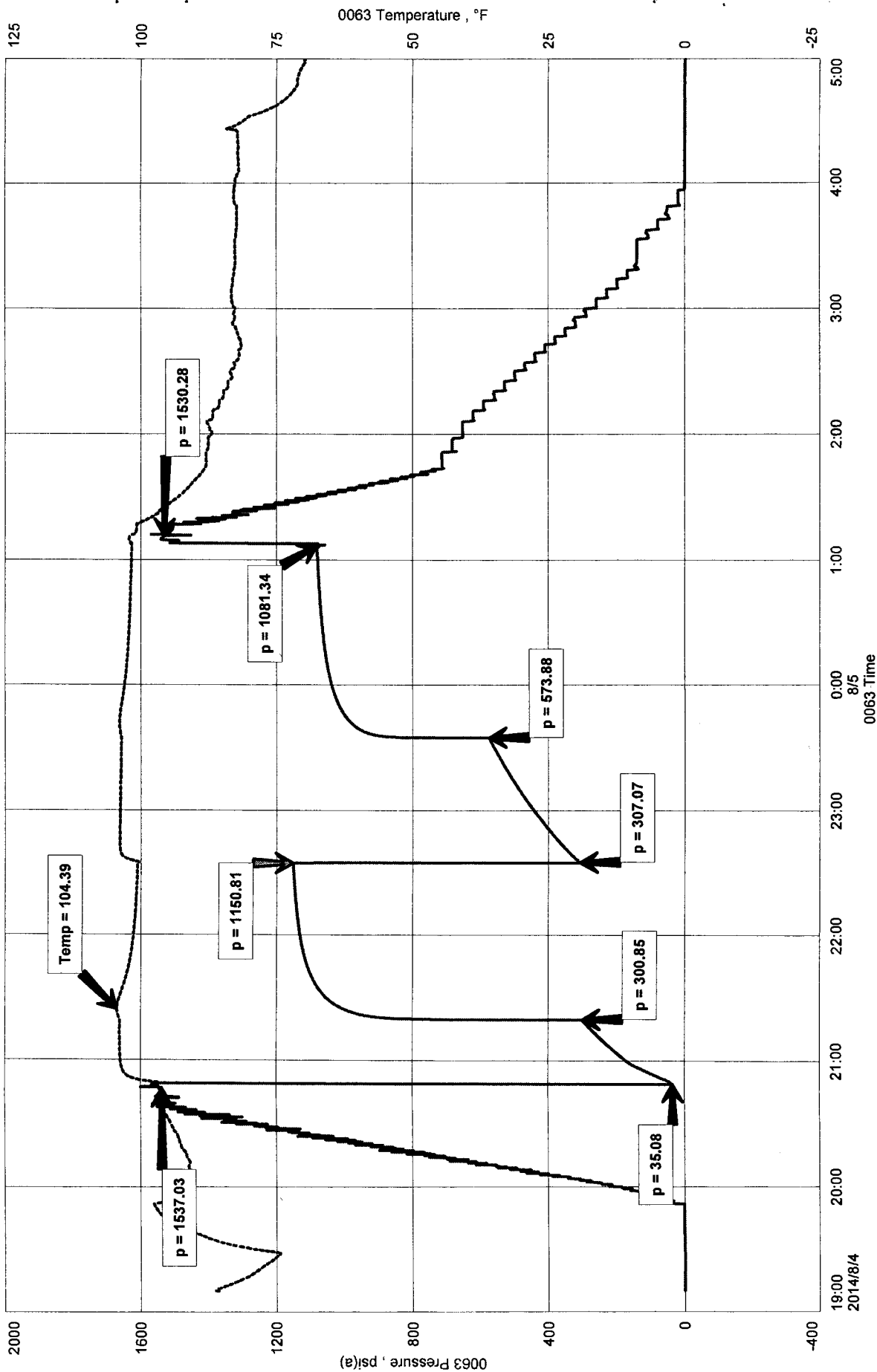
ESTIMATED PRODUCTION



TRANS PACIFIC OIL CORPORATION
DST #2 3225-3244 LANS. 70'
Start Test Date: 2014/08/04
Final Test Date: 2014/08/05

SANDER "A" #1-3
Formation: DST #2 3225-3244 LANS. 70'
Pool: WILDCAT
Job Number: M685

SANDER "A" #1-3



This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Electronic Reading	
(A) Initial Hydrostatic Mud	1537	PSI
(B) First Initial Flow Pressure	35	PSI
(C) First Final Flow Pressure.....	301	PSI
(D) Initial Closed-in Pressure.....	1151	PSI
(E) Second Initial Flow Pressure.....	307	PSI
(F) Second Final Flow Pressure.....	574	PSI
(G) Final Closed-in Pressure	1081	PSI
(H) Final Hydrostatic Mud.....	1530	PSI



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SNDRA1-3DST3

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Company Trans Pacific Oil Corporation Lease & Well No. Sander "A" No. 1-3
Elevation 1951 KB Formation Lansing 160' & 180' Effective Pay Ft. Ticket No. M686
Date 8-6-14 Sec. 3 Twp. 7S Range 18W County Rooks State Kansas
Test Approved By Alex Chapin Diamond Representative Mike Cochran

Formation Test No. 3 Interval Tested from 3,311 ft. to 3,352 ft. Total Depth 3,352 ft.
Packer Depth 3,306 ft. Size 6 3/4 in. Packer Depth ft. Size in.
Packer Depth 3,311 ft. Size 6 3/4 in. Packer Depth ft. Size in.
Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 3,300 ft. Recorder Number 0063 Cap. 6,000 psi.
Bottom Recorder Depth (Outside) 3,313 ft. Recorder Number E1150 Cap. 5,000 psi.
Below Straddle Recorder Depth ft. Recorder Number Cap. psi.

Drilling Contractor Shields Drilling Company, Inc. - Rig 1 Drill Collar Length ft. I.D. in.
Mud Type Chemical Viscosity 51 Weight Pipe Length 311 ft. I.D. 2 3/4 in.
Weight 9.3 Water Loss 6.4 cc. Drill Pipe Length 2,975 ft. I.D. 3 1/2 in.
Chlorides 800 P.P.M. Test Tool Length 25 ft. Tool Size 3 1/2-IF in.
Jars: Make Sterling Serial Number Not Run Anchor Length 41 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, surface blow. Died in 10 mins. No blow back during shut-in.

2nd Open: Weak, surface blow. Died in 1 min. No blow back during shut-in.

Recovered 10 ft. of very slightly oil specked mud = .074200 bbls. (Grind out: 100%-mud w/some specks of oil)

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks Tool Sample Grind Out: 4%-emulsified oil; 96%-mud

Time Set Packer(s) 2:00 A.M. Time Started off Bottom 4:30 A.M. Maximum Temperature 99°

Initial Hydrostatic Pressure.....(A) 1590 P.S.I.

Initial Flow Period.....Minutes 30 (B) 7 P.S.I. to (C) 13 P.S.I.

Initial Closed In Period.....Minutes 30 (D) 1022 P.S.I.

Final Flow Period.....Minutes 30 (E) 13 P.S.I. to (F) 18 P.S.I.

Final Closed In Period.....Minutes 60 (G) 1082 P.S.I.

Final Hydrostatic Pressure.....(H) 1577 P.S.I.

DIAMOND TESTING

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Pressure Survey Report

General Information

Company Name	TRANS PACIFIC OIL CORPORATION	Job Number	M686
Well Name	SANDER "A" #1-3	Representative	MIKE COCHRAN
Unique Well ID	DST #3 3311-3352 LANS. 160' & 180'	Well Operator	TRANS PACIFIC OIL CORPORATION
Surface Location	SEC 3-7S-18W ROOKS CO.KS.	Report Date	2014/08/06
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	ALEX CHAPIN
	Test Unit		NO. 3

Test Information

Test Type	CONVENTIONAL		
Formation	DST #3 3311-3352 LANS. 160' & 180'		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2014/08/06	Start Test Time	00:20:00
Final Test Date	2014/08/06	Final Test Time	06:30:00
		Well Fluid Type	01 Oil
Gauge Name	0063		
Gauge Serial Number			

Test Results

Remarks RECOVERED:

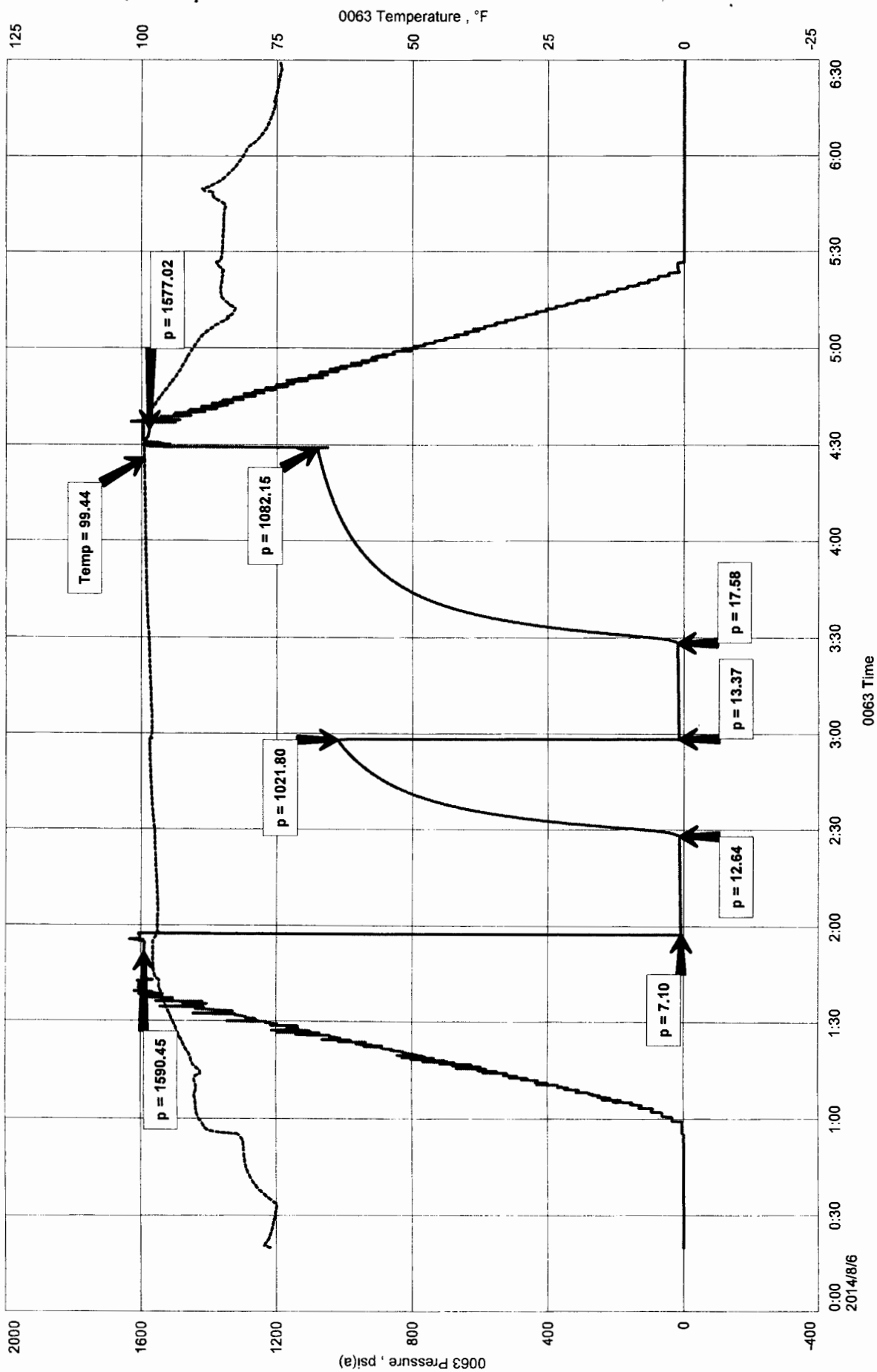
~10' VSOSM ~100% MUD W/ SOME SPECKS OF OIL
~10' TOTAL FLUID

TOOL SAMPLE: 4% EMULSIFIED OIL, 96% MUD

TRANS PACIFIC OIL CORPORATION
DST #3 3311-3352 LANS. 160' & 180'
Start Test Date: 2014/08/06
Final Test Date: 2014/08/06

SANDER "A" #1-3
Formation: DST #3 3311-3352 LANS. 160' & 180'
Pool: WILDCAT
Job Number: M686

SANDER "A" #1-3



This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Electronic Reading	
(A) Initial Hydrostatic Mud	1590	PSI
(B) First Initial Flow Pressure	7	PSI
(C) First Final Flow Pressure	13	PSI
(D) Initial Closed-in Pressure	1022	PSI
(E) Second Initial Flow Pressure	13	PSI
(F) Second Final Flow Pressure	18	PSI
(G) Final Closed-in Pressure	1082	PSI
(H) Final Hydrostatic Mud	1577	PSI



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Company Trans Pacific Oil Corporation Lease & Well No. Sander "A" No. 1-3
Elevation 1951 KB Formation Lansing 200' & 220' Effective Pay Ft. Ticket No. M687
Date 8-6-14 Sec. 3 Twp. 7S Range 18W County Rooks State Kansas
Test Approved By Alex Chapin Diamond Representative Mike Cochran

Formation Test No. 4 Interval Tested from 3,339 ft. to 3,394 ft. Total Depth 3,394 ft.
Packer Depth 3,334 ft. Size 6 3/4 in. Packer Depth ft. Size in.
Packer Depth 3,339 ft. Size 6 3/4 in. Packer Depth ft. Size in.
Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 3,328 ft. Recorder Number 0063 Cap. 6,000 psi.
Bottom Recorder Depth (Outside) 3,341 ft. Recorder Number E1150 Cap. 5,000 psi.
Below Straddle Recorder Depth ft. Recorder Number Cap. psi.

Drilling Contractor Shields Drilling Company, Inc. - Rig 1 Drill Collar Length ft I.D. in.
Mud Type Chemical Viscosity 65 Weight Pipe Length 311 ft I.D. 2 3/4 in.
Weight 9.3 Water Loss 6.8 cc. Drill Pipe Length 3,003 ft I.D. 3 1/2 in.
Chlorides 900 P.P.M. Test Tool Length 25 ft Tool Size 3 1/2-IF in.
Jars: Make Sterling Serial Number Not Run Anchor Length 23' perf. w/32' 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, surface blow increasing to 3 1/4 ins. No blow back during shut-in.

2nd Open: Very weak, surface blow increasing to 4 ins. Very weak, surface blow back during shut-in.

Recovered 140 ft. of very slightly oil specked, gassy, muddy water = 1.038800 bbls. (Grind out: 59%-water; 41%-mud w/a few specks of oil & some gassy bubbles)

Recovered ft. of Chlorides: 15,000 Ppm PH: 8.0 RW: .60 @ 78°

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks Tool Sample Grind Out: 1%-gas; 2%-oil; 38%-water; 59%-mud

Time Set Packer(s) 4:15 P.M. Time Started off Bottom 8:30 P.M. Maximum Temperature 100°
Initial Hydrostatic Pressure.....(A) 1588 P.S.I.
Initial Flow Period.....Minutes 30 (B) 8 P.S.I. to (C) 33 P.S.I.
Initial Closed In Period.....Minutes 75 (D) 1209 P.S.I.
Final Flow Period.....Minutes 60 (E) 36 P.S.I. to (F) 72 P.S.I.
Final Closed In Period.....Minutes 90 (G) 1180 P.S.I.
Final Hydrostatic Pressure.....(H) 1576 P.S.I.

DIAMOND TESTING

Pressure Survey Report

General Information

Company Name	TRANS PACIFIC OIL CORPORATION	Job Number	M687
Well Name	SANDER "A" #1-3	Representative	MIKE COCHRAN
Unique Well ID	DST #4 3339-3394 LANS. 200' & 220'	Well Operator	TRANS PACIFIC OIL CORPORATION
Surface Location	SEC 3-7S-18W ROOKS CO.KS.	Report Date	2014/08/06
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	ALEX CHAPIN
	Test Unit		NO. 3

Test Information

Test Type	CONVENTIONAL		
Formation	DST #4 3339-3394 LANS. 200' & 220'		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2014/08/06	Start Test Time	14:20:00
Final Test Date	2014/08/06	Final Test Time	22:35:00
		Well Fluid Type	01 Oil
Gauge Name	0063		
Gauge Serial Number			

Test Results

Remarks RECOVERED:

~140' VSOSGMW ~59% WTR, 41% MUD W/ A FEW SPECKS OF OIL, SOME GASSY BUBBLES
~140' TOTAL FLUID

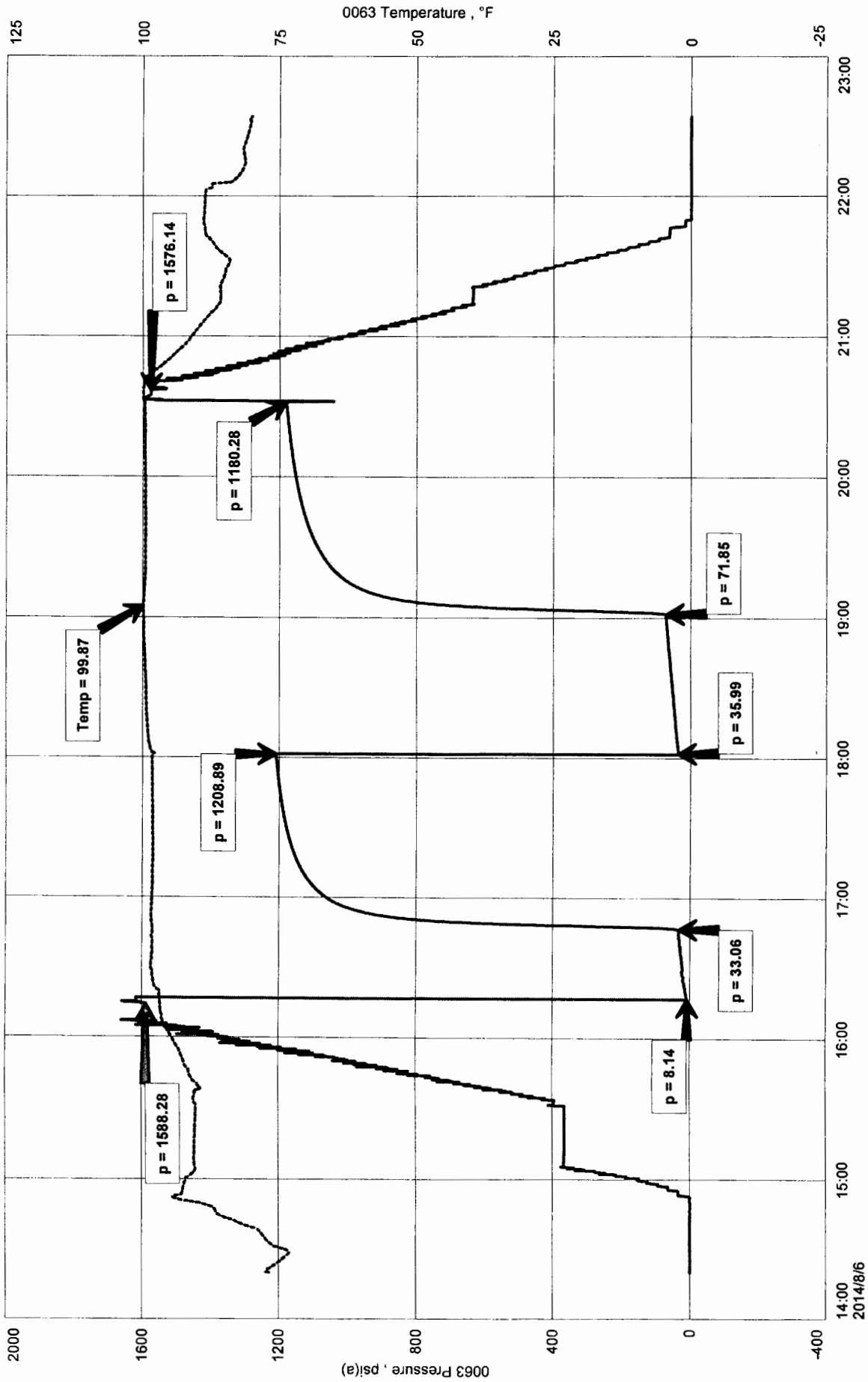
CHLOR: 15,000 PPM
PH: 8.0
RW: .60 @ 78 DEG

TOOL SAMPLE: 1% GAS, 2% OIL, 38% WTR, 59% MUD

TRANS PACIFIC OIL CORPORATION
DST #4 3339-3394 LANS. 200' & 220'
Start Test Date: 2014/08/06
Final Test Date: 2014/08/06

SANDER "A" #1-3
Formation: DST #4 3339-3394 LANS. 200' & 220'
Pool: WILDCAT
Job Number: M687

SANDER "A" #1-3



This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Electronic Reading	
(A) Initial Hydrostatic Mud	1588	PSI
(B) First Initial Flow Pressure	8	PSI
(C) First Final Flow Pressure.....	33	PSI
(D) Initial Closed-in Pressure.....	1209	PSI
(E) Second Initial Flow Pressure	36	PSI
(F) Second Final Flow Pressure.....	72	PSI
(G) Final Closed-in Pressure	1180	PSI
(H) Final Hydrostatic Mud.....	1576	PSI

NOMENCLATURE

b	== Approximate Radius of Investigation	Feet
b¹	== Approximate Radius of Investigation (Net Pay Zone h¹)	Feet
D.R.	== Damage Ratio	—
EI	== Elevation	Feet
GD	== B.T. Gauge Depth (From Surface Reference)	Feet
h	== Interval Tested	Feet
h¹	== Net Pay Thickness	Feet
K	== Permeability	md
K¹	== Permeability (From Net Pay Zone h¹)	md
m	== Slope Extrapolated Pressure Plot (Psi²/cycle Gas)	psi/cycle
OF¹	== Maximum Indicated Flow Rate	MCF/D
OF²	== Minimum Indicated Flow Rate	MCF/D
OF³	== Theoretical Open Flow Potential with/Damage Removed Max.	MCF/D
OF⁴	== Theoretical Open Flow Potential with/Damage Removed Min.	MCF/D
P^S	== Extrapolated Static Pressure	Psig.
P^F	== Final Flow Pressure	Psig.
P^{OT}	== Potentiometric Surface (Fresh Water*)	Feet
Q	== Average Adjusted Production Rate During Test	bbls/day
Q¹	== Theoretical Production w/Damage Removed	bbls/day
Q^g	== Measured Gas Production Rate	MCF/D
R	== Corrected Recovery	bbls
r^w	== Radius of Well Bore	Feet
t	== Flow Time	Minutes
t^o	== Total Flow Time	Minutes
T	== Temperature Rankine	°R
Z	== Compressibility Factor	—
u	== Viscosity Gas or Liquid	CP
Log	== Common Log	

* Potentiometric Surface Reference to Rotary Table When Elevation Not Given, Fresh Water Corrected to 100° F.