

OPERATOR: WIEPKING - FULLERTON ENERGY LLC
WELL NAME: BUBBA STATE 3

TEST NO: 1
TICKET NO: 2877

Contractor Murfin Drilling
Rig No. 25
Spot SE/NW
Sec 20
Twp 10 S
Rng 55 W
Field Great Plains
County Lincoln
State Colorado
Elevation 5207' KB - 5195' GL
Formation Torch

Surface Choke 1"
Bottom Choke 5/8"
Hole Size 7 7/8"
Core Hole Size
DP Size & Wt 4 1/2" 16.60
Wt Pipe
ID of DC 2 3/8"
Length of DC 540'
Total Depth 6960'
Type of Test Open Hole Dst
Interval 6940' - 6960'

Mud Type Chemical/Gel
Weight 9.1
Viscosity 74
Water Loss 8.8
Filter Cake
RW 1.3 @ 86 Deg F
Chlorides 3,605 Ppm

Co. Rep. Gregg Smith
Tester Mark Green

Pipe Recovery:

4780' Gas above fluid
120' Total fluid = 0.67 bbl., consisting of:
30' Mud w/trace of gas = 0.17 bbl.
90' Gassy, oil cut mud = 0.50 bbl.

Surface blow:

1st Flow: Began with a 1/2" blow, increased to bottom of bucket at 13 minutes and remained thru flow period.
2nd Flow: Began with a 15.0 oz blow, increased to 17.0 oz at 2 minutes; decreased to 10.0 oz at 15 minutes, 9.0 oz at 30 minutes and remained thru flow period.

Properties:

Downhole Sampler:

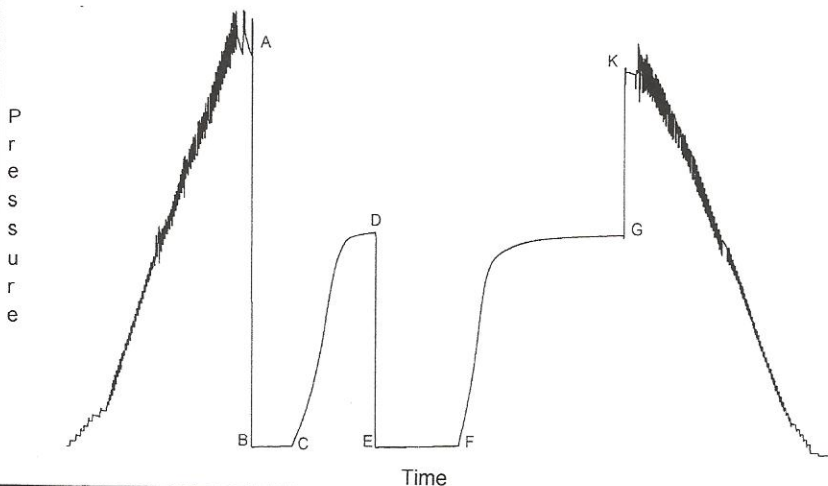
Pressure in Sampler 50 psig
Volume of Sampler 1850 cc
Volume of Sample 1150 cc
Oil: 1150 cc
Water: 0 cc
Mud: 0 cc
Gas: 0 cu ft
Other: 0

Rw:
Chlorides:
Gas/Oil Ratio
Gravity API @ 60 Deg F

Opened Tool @ 19:09 hrs on 08/17/2011

	Reported	Corrected	
Flow 1	30	30	min
Shut-in 1	60	60	min
Flow 2	61	61	min
Shut-in 2	120	119	min

Downhole Pressure Chart



Downhole Pressure Data

Recorder Type JMCO Memory Recorder
No. 30024 Cap 10000 psi
Depth 6920 ft.
Inside X Outside
Psi(a) Deg (f)
Initial Hydrostatic [A] 3220
Final Hydrostatic [K] 3105
Initial Flow 1 [B] 24 162
Final Flow 1 [C] 36 163
Initial Flow 2 [E] 34 164
Final Flow 2 [F] 57 166
Shut-in 1 [D] 1772 166
Shut-in 2 [G] 1769 171
Maximum Temperature 171

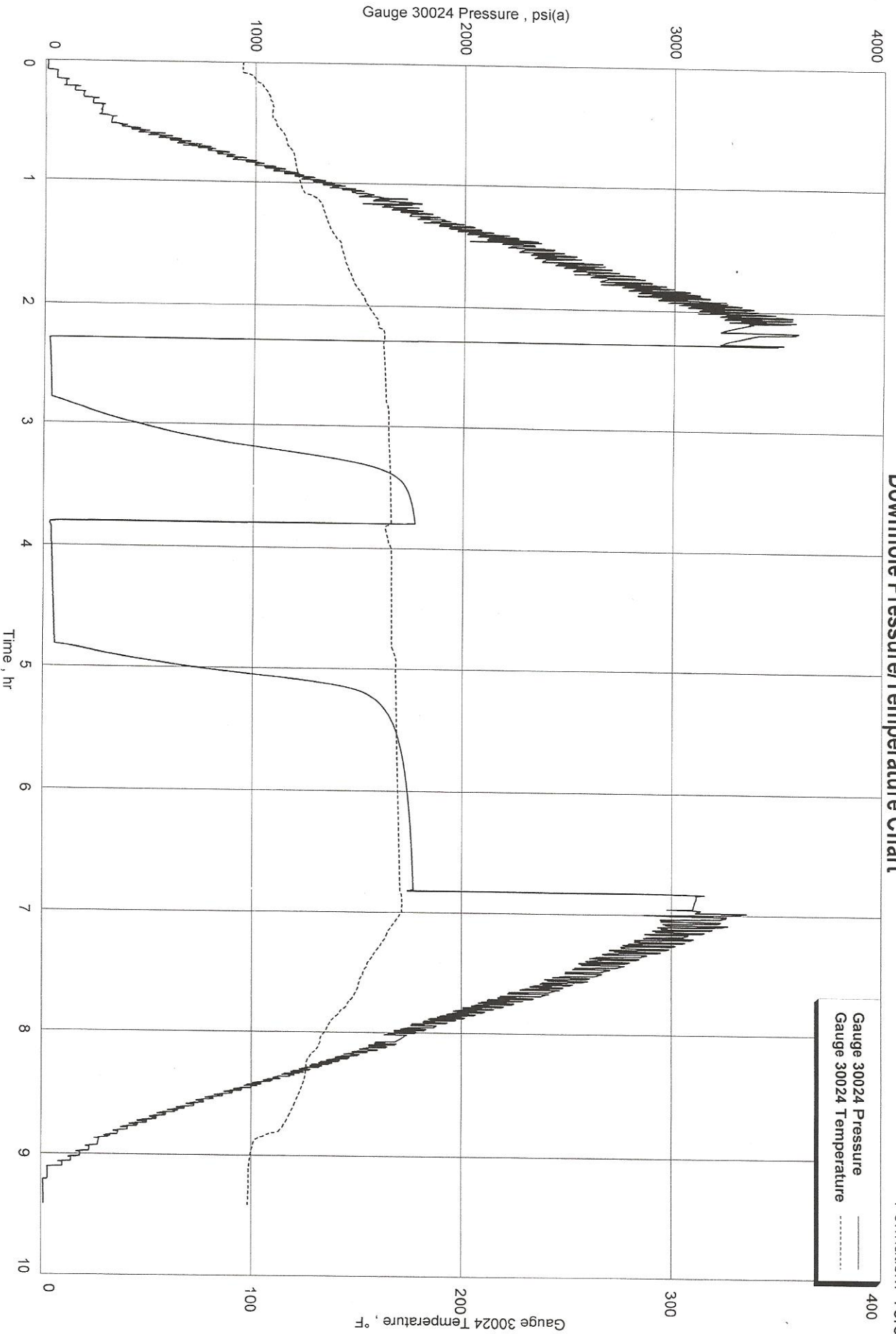
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FORMATION: TORCH
INTERVAL: 6940' - 6960'

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Downhole Pressure/Temperature Chart



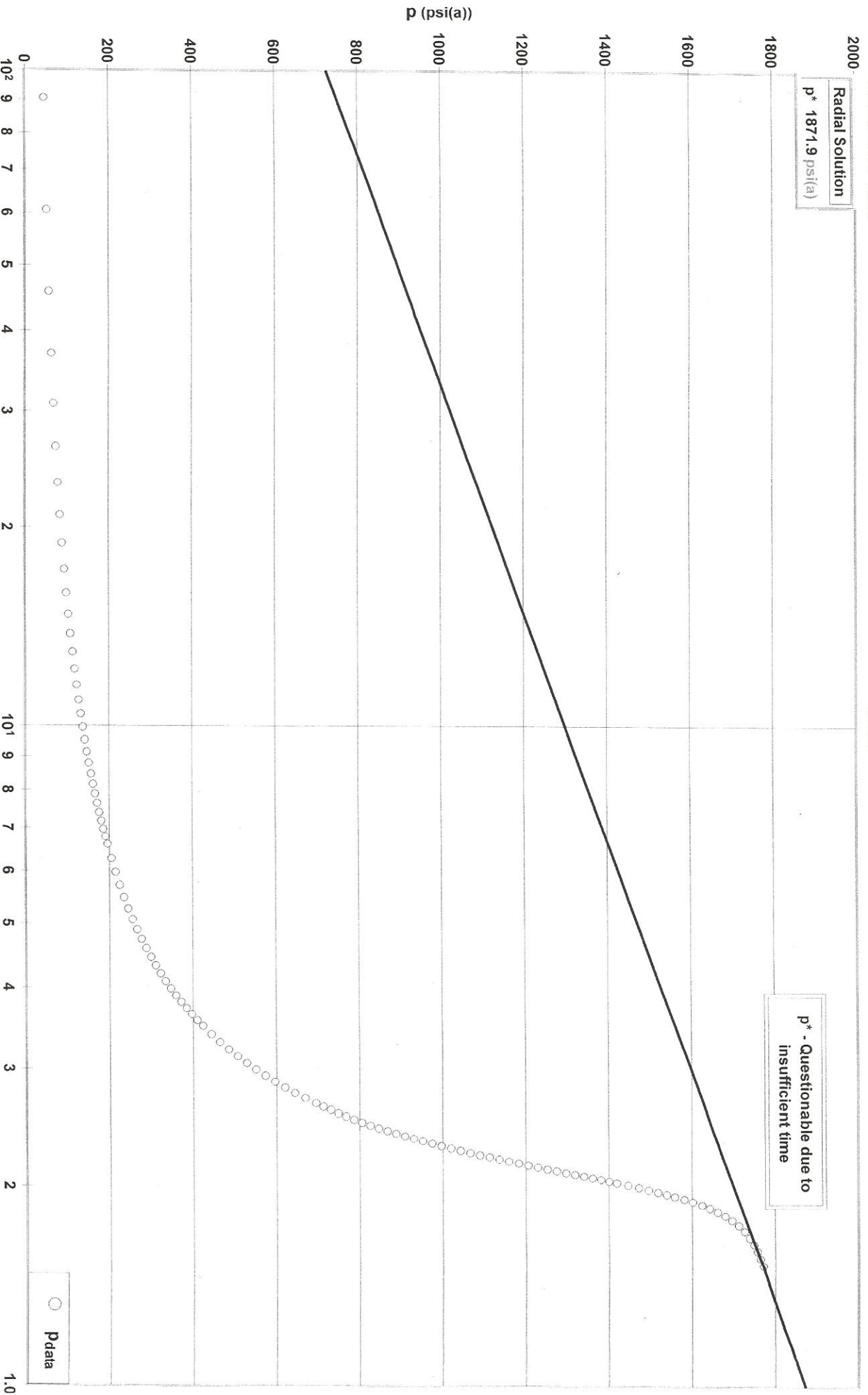
Wiepking - Fullerton Energy LLC
Interval: 6940' - 6960'

Diagnostic Plot - Shut In 1

Bubba State 3, Dst 1
Formation: Torch

Radial Solution
 $p^* 1871.9 \text{ psi(a)}$

p^* - Questionable due to
insufficient time



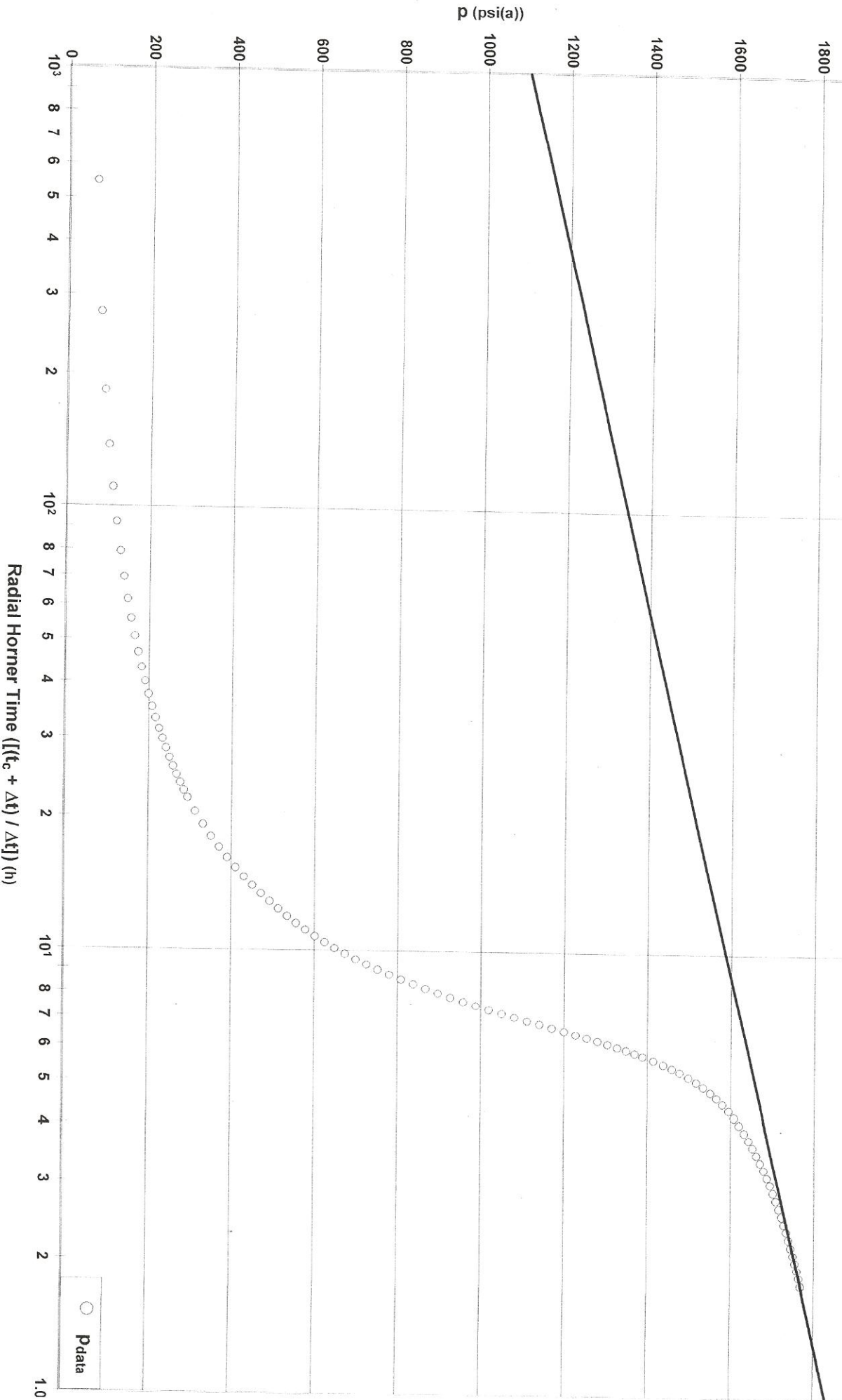
Wiepking - Fullerton Energy LLC
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Diagnostic Plot - Shut In 2

Radial

Bubba State 3, Dst 1
Formation: Torch

Radial Solution
p* 1829.0 psi(a)



Wiepking - Fullerton Energy LLC
Interval: 6940' - 6960'

Diagnostic Plot - Shut In 2

Typecurve

Bubba State 3, Dst 1
Formation: Torch

