

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

TEST NO: 2
TICKET NO: 2878

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 Pawnee "A"

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 6996'
Type of Test Open Hole Dst
Interval 6976' - 6996'

Mud Type Chemical/Gel
Weight 9.0
Viscosity 85
Water Loss 7.2
Filter Cake
RW 1.3 @ 86 Deg F
Chlorides 3,605 Ppm

Co. Rep. Gregg Smith
Tester Mark Green

Pipe Recovery:

Reverse circulated:

1201' Gassy oil & saltwater = 12.35 bbl.

Properties:

Downhole Sampler:

Pressure in Sampler 375 psig
Volume of Sampler 1850 cc
Volume of Sample 1400 cc
Oil: 500 cc
Water: 900 cc
Mud: 0 cc
Gas: 2.06 cu ft
Other: 0
Rw:
Chlorides:
Gas/Oil Ratio 659/1 cu.-ft./bbl.
Gravity 37.0 API @ 60 Deg F

Opened Tool @ 19:36 hrs on 08/18/2011

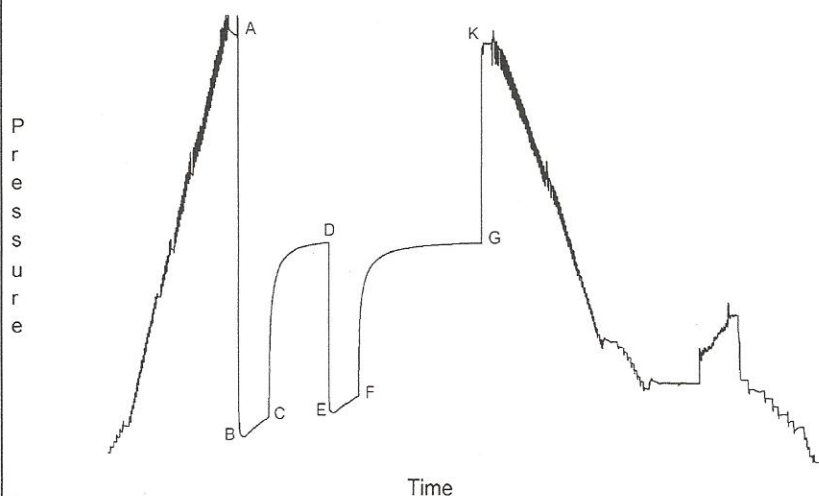
	Reported	Corrected	
Flow 1	30	30	min
Shut-in 1	60	59	min
Flow 2	30	29	min
Shut-in 2	120	121	min

Surface blow:

1st Flow: Began with a good blow, increased to bottom of bucket at 1 minute, 5.5 psi at 8 minutes and remained thru flow period. Gas to surface at 26 minutes.

2nd Flow: Began with a good blow, increased to bottom of bucket at 3 minutes; fluctuated 5.0 oz to 10.0 oz thru flow period.

Downhole Pressure Chart



Downhole Pressure Data

Recorder Type JMCO Memory Recorder
No. 30024 Cap 10000 psi
Depth 6955 ft.
Inside x Outside
Psi(a) Deg (f)
Initial Hydrostatic [A] 3298
Final Hydrostatic [K] 3248
Initial Flow 1 [B] 195 168
Final Flow 1 [C] 345 180
Initial Flow 2 [E] 400 175
Final Flow 2 [F] 513 183
Shut-in 1 [D] 1685 174
Shut-in 2 [G] 1688 175
Maximum Temperature 183

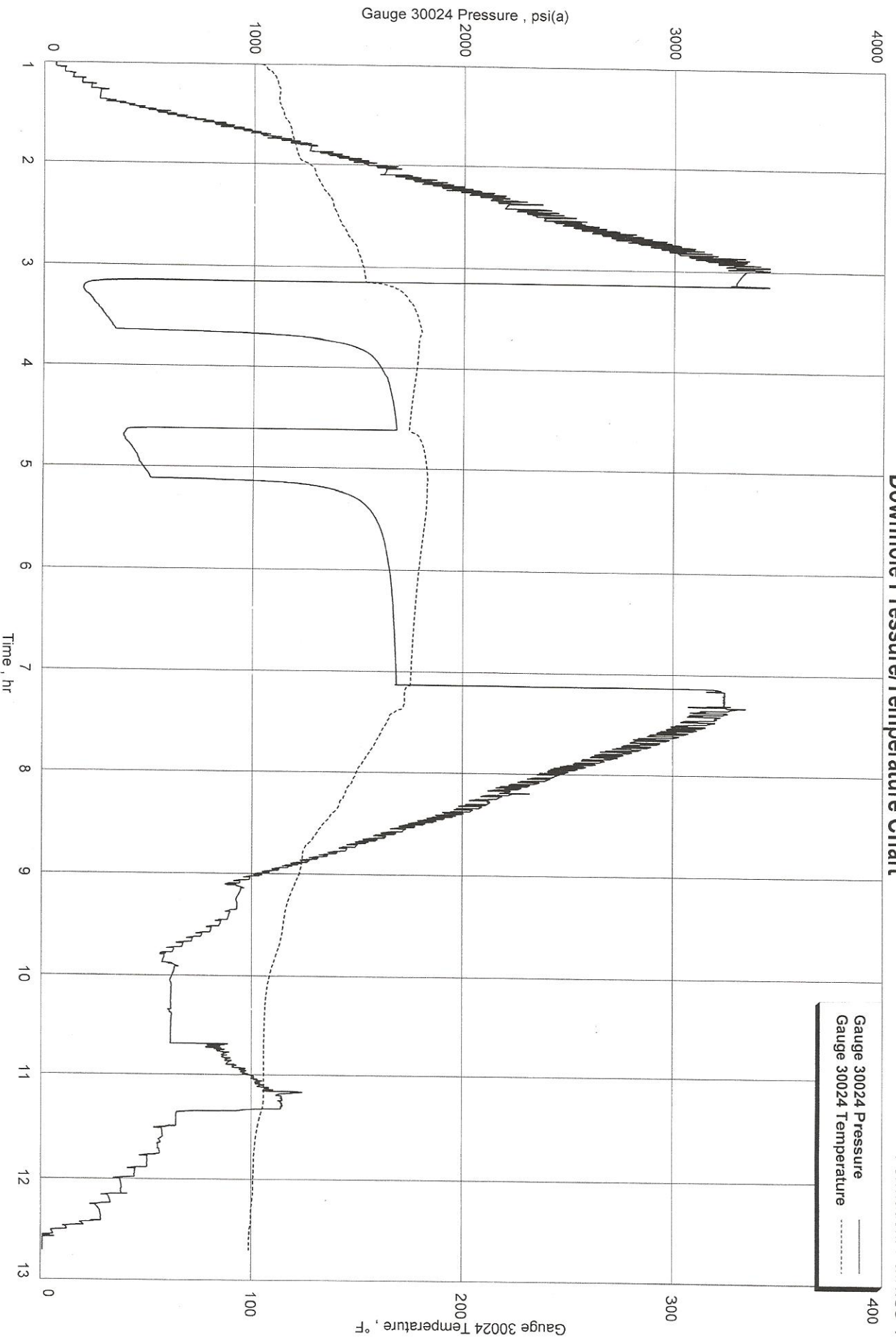
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Downhole Pressure/Temperature Chart



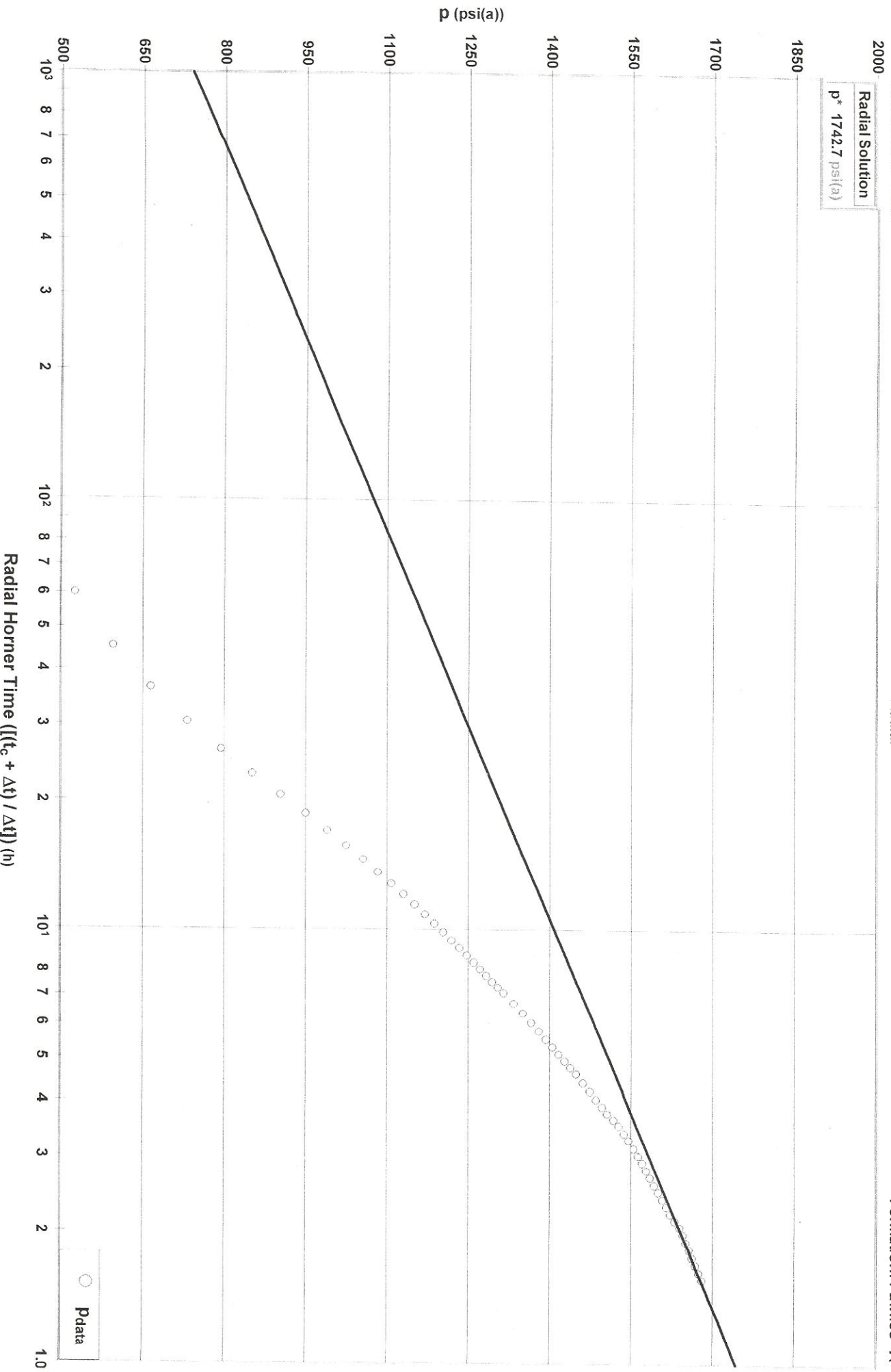
Wiepking - Fullerton Energy LLC
Interval: 6976' - 6996'

Diagnostic Plot - Shut In 1

Radial

Bubba State 3, Dst 2
Formation: Pawnee "A"

Radial Solution
p* 1742.7 psi(a)



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Interval: 6976' - 6996'

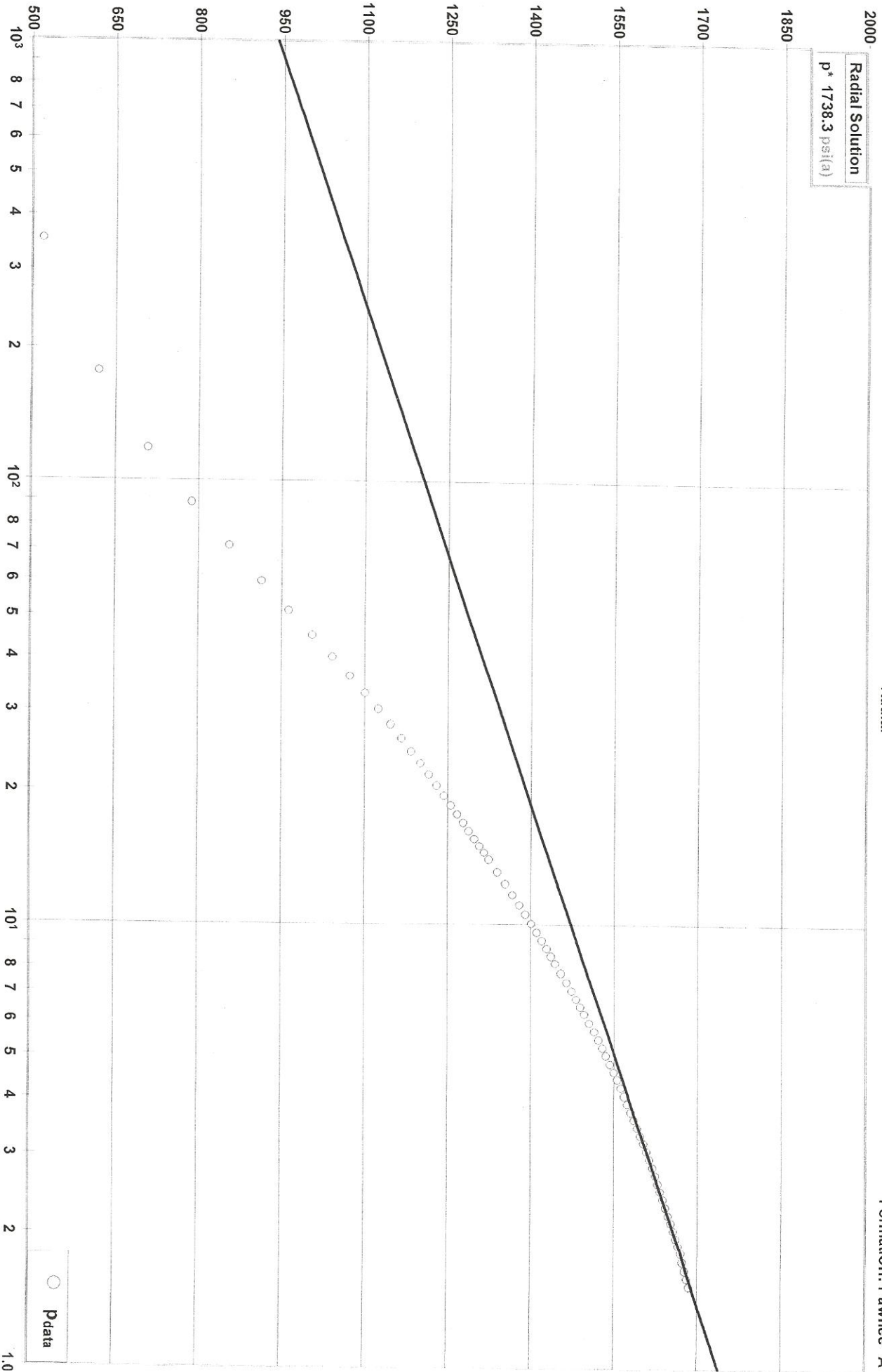
Diagnostic Plot - Shut In 2

Radial

Bubba State 3, Dst 2
Formation: Pawnee "A"

Radial Solution
 $p^* 1738.3 \text{ psi(a)}$

$p \text{ (psi(a))}$



Wiepking - Fullerton Energy LLC
Interval: 6976' - 6996'

Diagnostic Plot - Shut In 2

Typecurve

Bubba State 3, Dst 2
Formation: Pawnee "A"

