

OPERATOR: WIEPKING - FULLERTON ENERGY LLC
WELL NAME: BIG WAMPUM 1

TEST NO: 2
TICKET NO: 2951

Contractor Murfin Drilling
Rig No. 25
Spot NE/SE
Sec 23
Twp 10 S
Rng 56 W
Field Wildcat
County Lincoln
State Colorado
Elevation 5353' KB - 5341' GL
Formation Cherokee "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 516'
Total Depth 7266'
Type of Test Conventional
Interval 7226' - 7266'

Mud Type Chemical/Gel
Weight 9.0
Viscosity 74
Water Loss 8.0
Filter Cake 1/32
RW 3.5 @ 75 Deg F
Chlorides 1,500 Ppm

Co. Rep. Gregg Smith
Tester Mark Green

Pipe Recovery:
Reverse circulated:
7179' Oil = 97.40 bbl.

Properties:

Downhole Sampler:

Pressure in Sampler 1000 psig
Volume of Sampler 1850 cc
Volume of Sample 1400 cc
Oil: 1400 cc
Water: 0 cc
Mud: 0 cc
Gas: 5.45 cu ft
Other: 0

Rw:
Chlorides:
Gas/Oil Ratio 623/1 cu.-ft./bbl.
Gravity 33.2 API @ 60 Deg F

Surface blow:

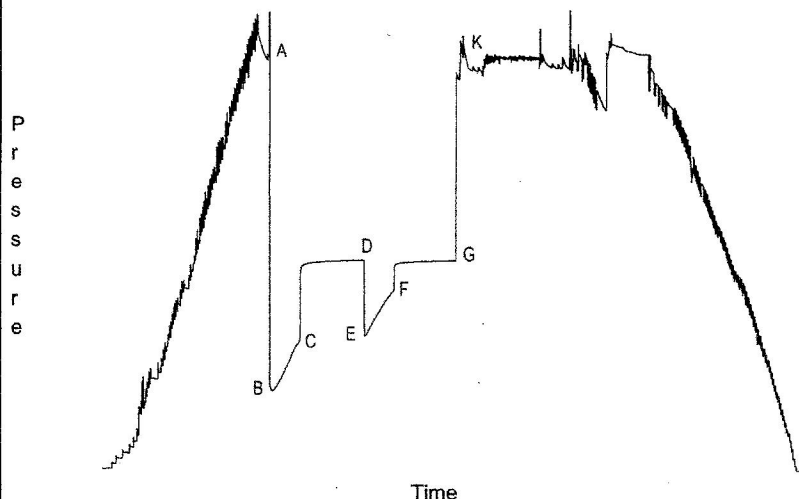
1st Flow - Began with a good blow, increased to bottom of bucket at 30 seconds, 30.0 oz at 1 minute, 15.0 psi at 3 minutes, 22.0 psi at 7 minutes, 23.0 psi at 10 minutes with gas to surface; 26.0 psi at 15 minutes and 32.0 psi at 25 minutes.

2nd Flow - Began with 8.0 psi, decreased to 3.0 psi at 15 minutes, 10.0 - 15.0 oz at 25 minutes; oil to surface at 27 minutes.

Opened Tool @ 12:24 hrs on 08/12/2013

	Reported	Corrected	
Flow 1	30	30	min
Shut-in 1	60	64	min
Flow 2	30	29	min
Shut-in 2	60	61	min

Downhole Pressure Chart



Downhole Pressure Data

Recorder Type JMCO Memory Recorder
No. 5517 Cap 6000 psi
Depth 7212 ft.
Inside X Outside
Psi(a) Deg (f)
Initial Hydrostatic [A] 3328
Final Hydrostatic [K] 3219
Initial Flow 1 [B] 644 179
Final Flow 1 [C] 1049 188
Initial Flow 2 [E] 1084 181
Final Flow 2 [F] 1454 188
Shut-in 1 [D] 1686 180
Shut-in 2 [G] 1685 183
Maximum Temperature 189

OPERATOR: WIEPKING - FULLERTON ENERGY LLC FORMATION: CHEROKEE "A"
WELL NAME: BIG WAMPUM 1
INTERVAL: 7226' - 7266'

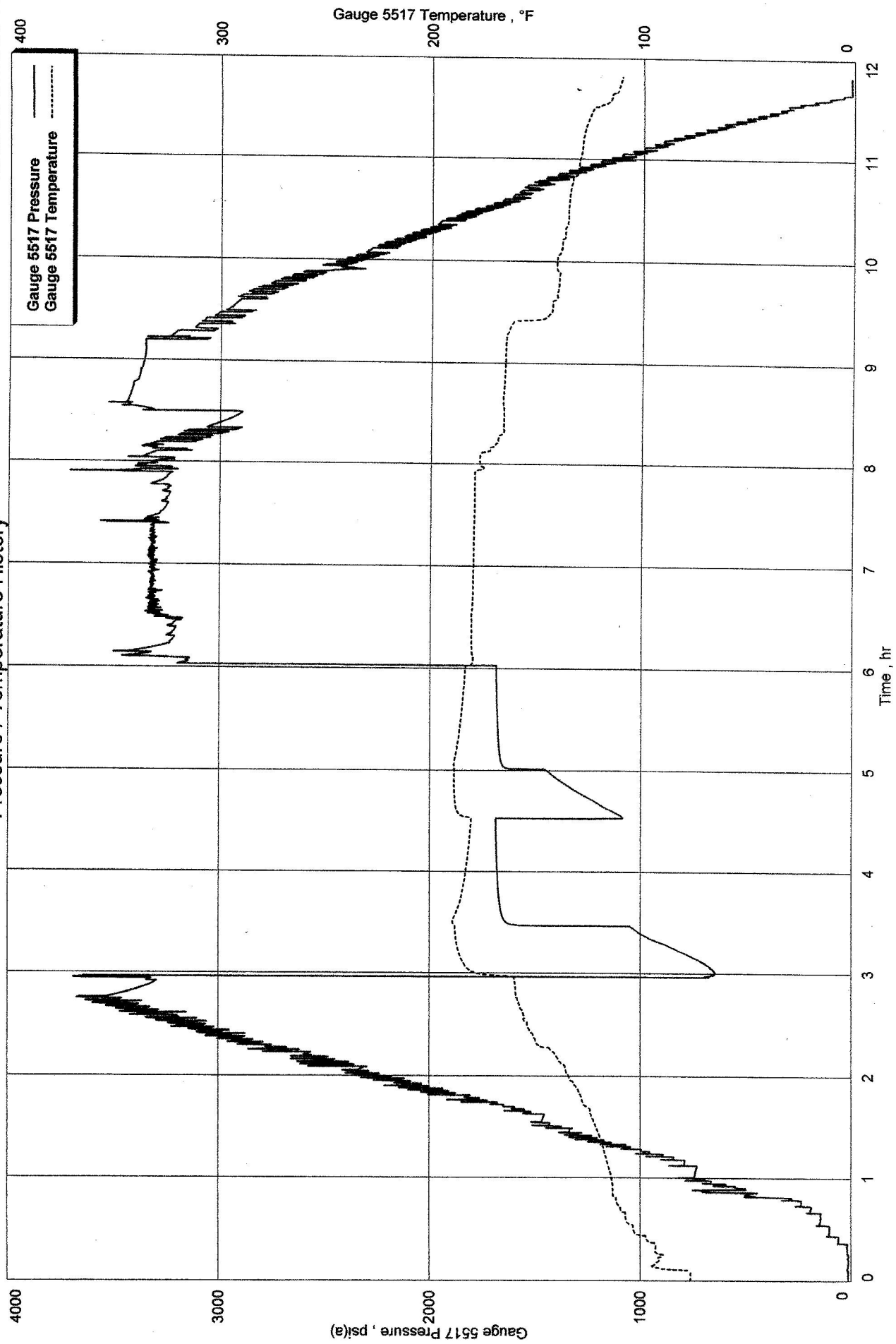
TEST NO: 2
DATE: 08/12/2013



Wiepking - Fullerton Energy LLC
Interval: 7226' - 7266'

Big Wampum 1, Dst 2
Formation: Cherokee "A"

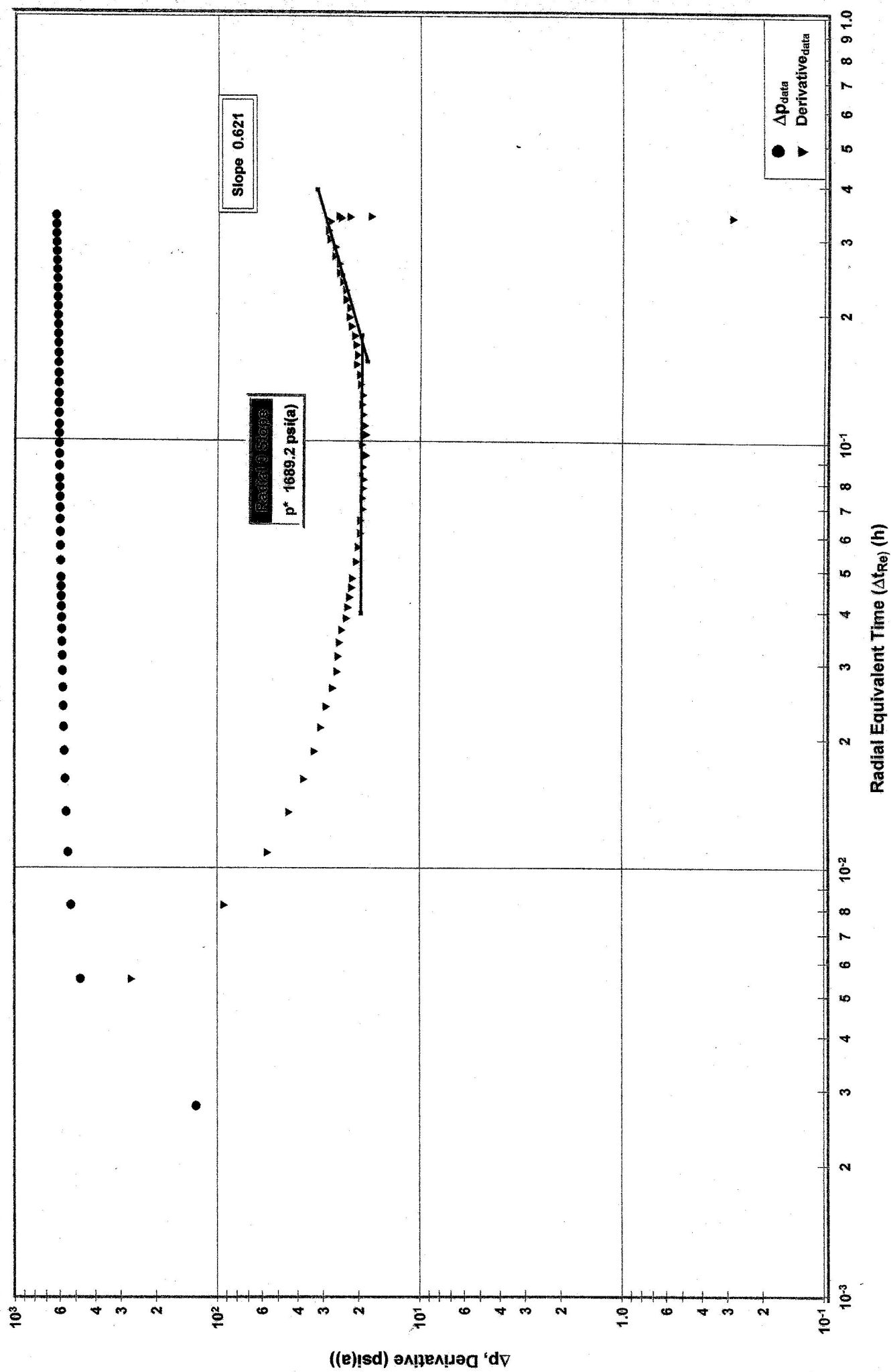
Pressure / Temperature History



Diagnostic Plot - Shut In 1 Typecurve

Wiepking - Fullerton Energy LLC
Interval: 7226' - 7266'

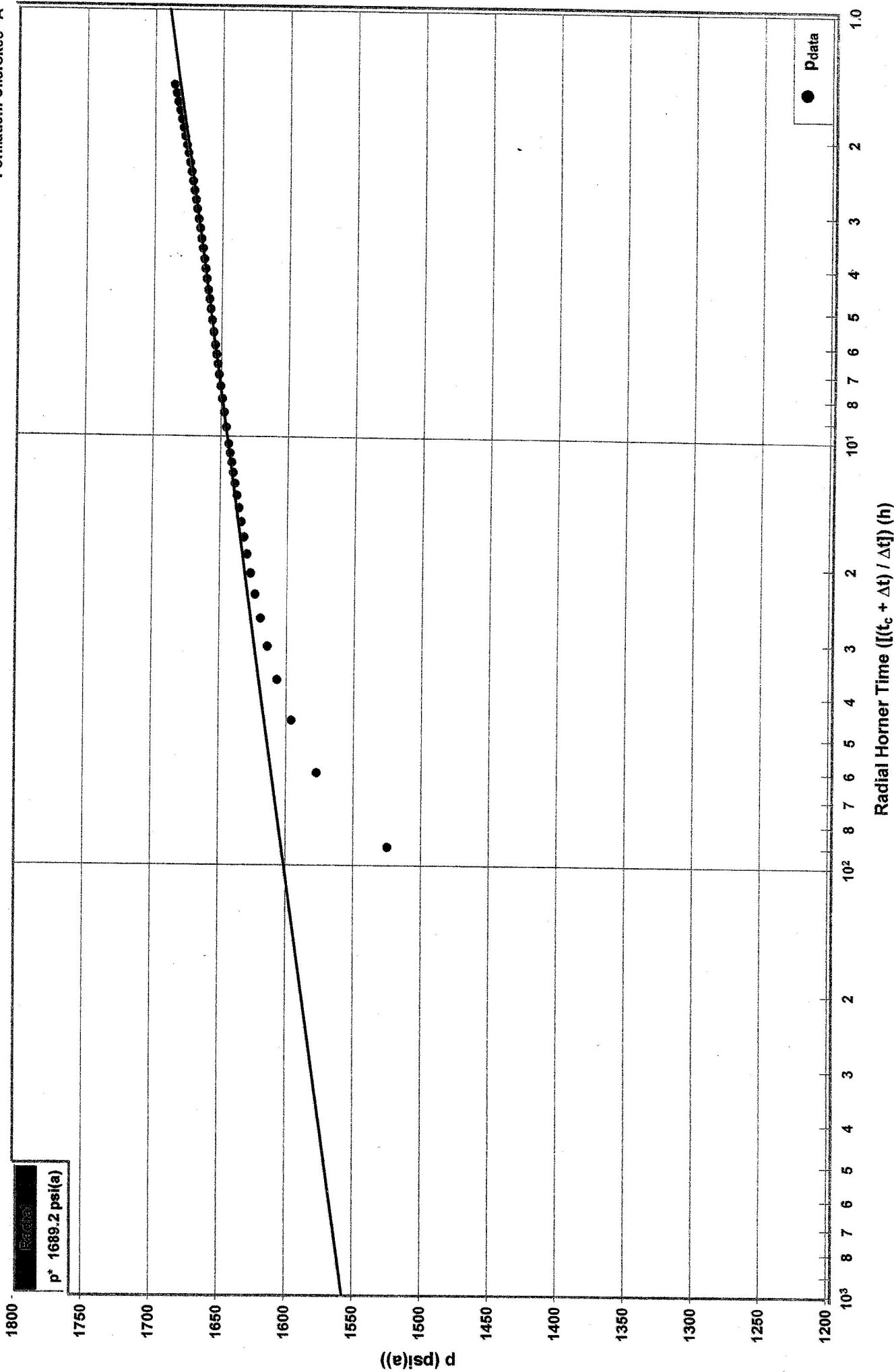
Big Wampum 1, Dst 2
Formation: Cherokee "A"



Wiepking - Fullerton Energy LLC
Interval: 7226' - 7266'

Diagnostic Plot - Shut In 1 Radial

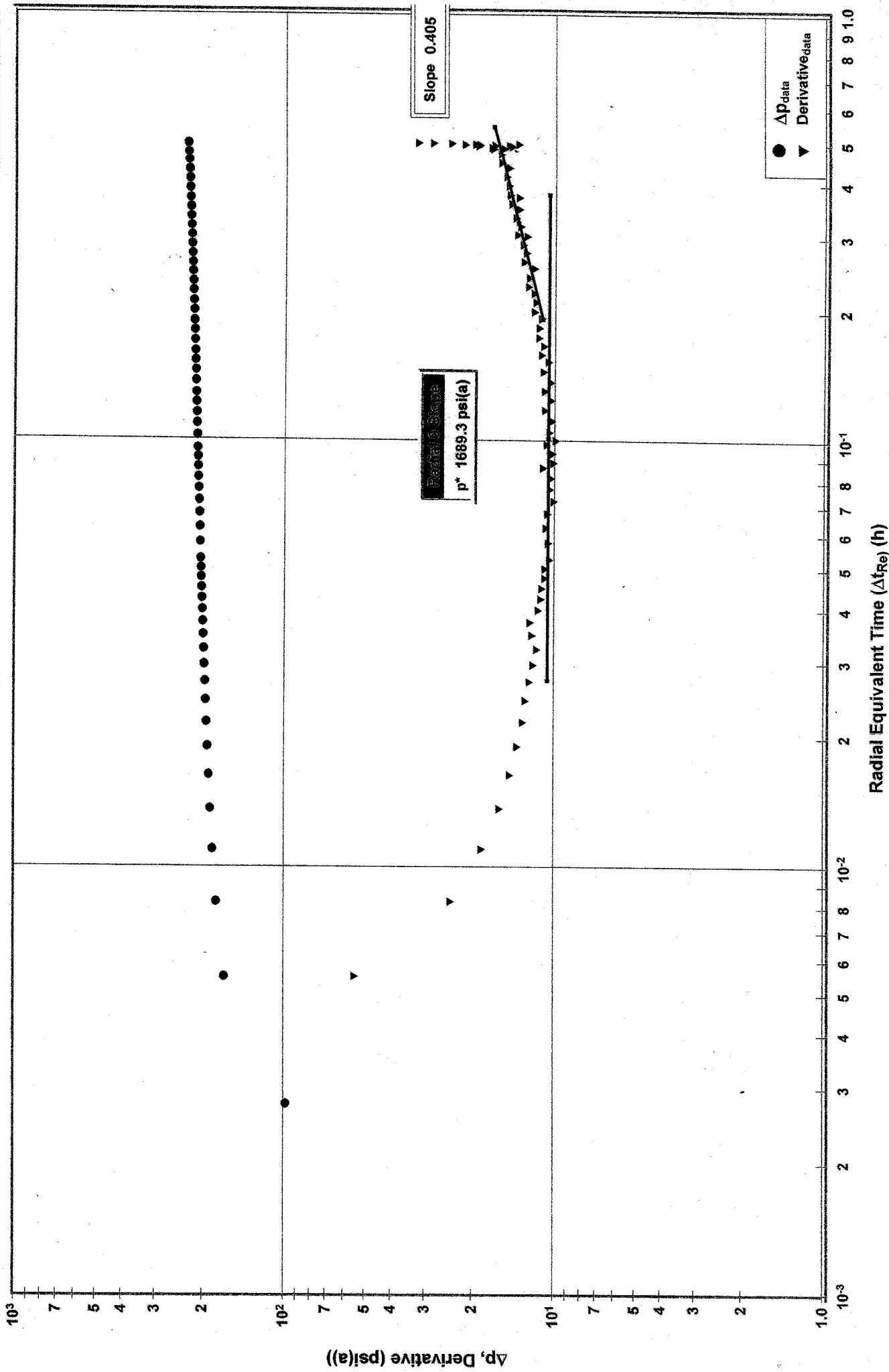
Big Wampum 1, Dst 2
Formation: Cherokee "A"



Wiepking - Fullerton Energy LLC
Interval: 7226' - 7266'

Diagnostic Plot - Shut In 2 Typecurve

Big Wampum 1, Dst 2
Formation: Cherokee "A"



Diagnostic Plot - Shut In 2 Radial

Wiepking - Fullerton Energy LLC
Interval: 7226' - 7266'

Big Wampum 1, Dst 2
Formation: Cherokee "A"

