

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

TEST NO: 1  
TICKET NO: 2950

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 Lower Lancing

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 7140'  
Type of Test Conventional  
Interval 7080' - 7140'

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:

120' Gas above fluid  
10' Mud = 0.06 bbl.

### Properties:

### Surface blow:

1st Flow - Began with a 1/4" blow, decreased and died at 28 minutes and remained thru flow period.

2nd Flow - Began with a surface blow, died at 11 minutes and remained thru flow period.

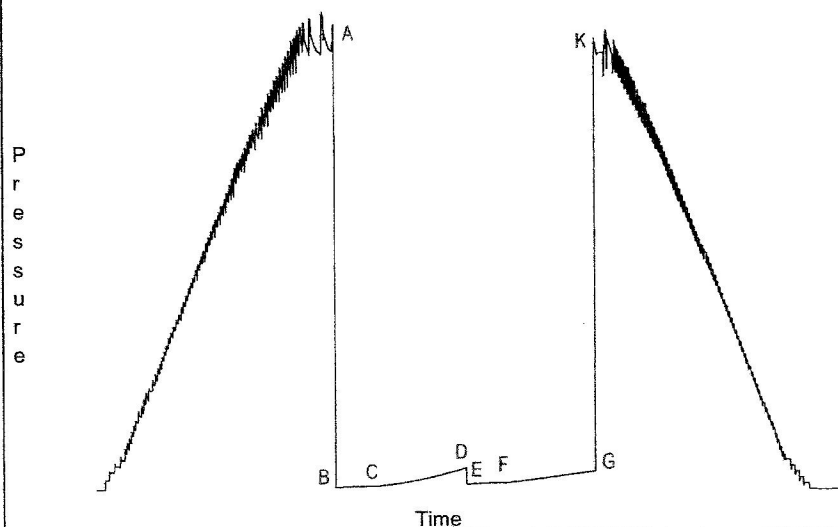
### Downhole Sampler:

Pressure in Sampler 50 psig  
Volume of Sampler 1850 cc  
Volume of Sample 1300 cc  
Oil: Trace cc  
Water: 0 cc  
Mud: 1300 cc  
Gas: 0 cu ft  
Other: 0  
Rw: 1.6 @ 75 deg F  
Chlorides: 3,400  
Gas/Oil Ratio  
Gravity API @ 60 Deg F

Opened Tool @ 12:24 hrs on 08/11/2013

	Reported	Corrected	
Flow 1	30	30	min
Shut-in 1	60	60	min
Flow 2	30	30	min
Shut-in 2	60	60	min

Downhole Pressure Chart



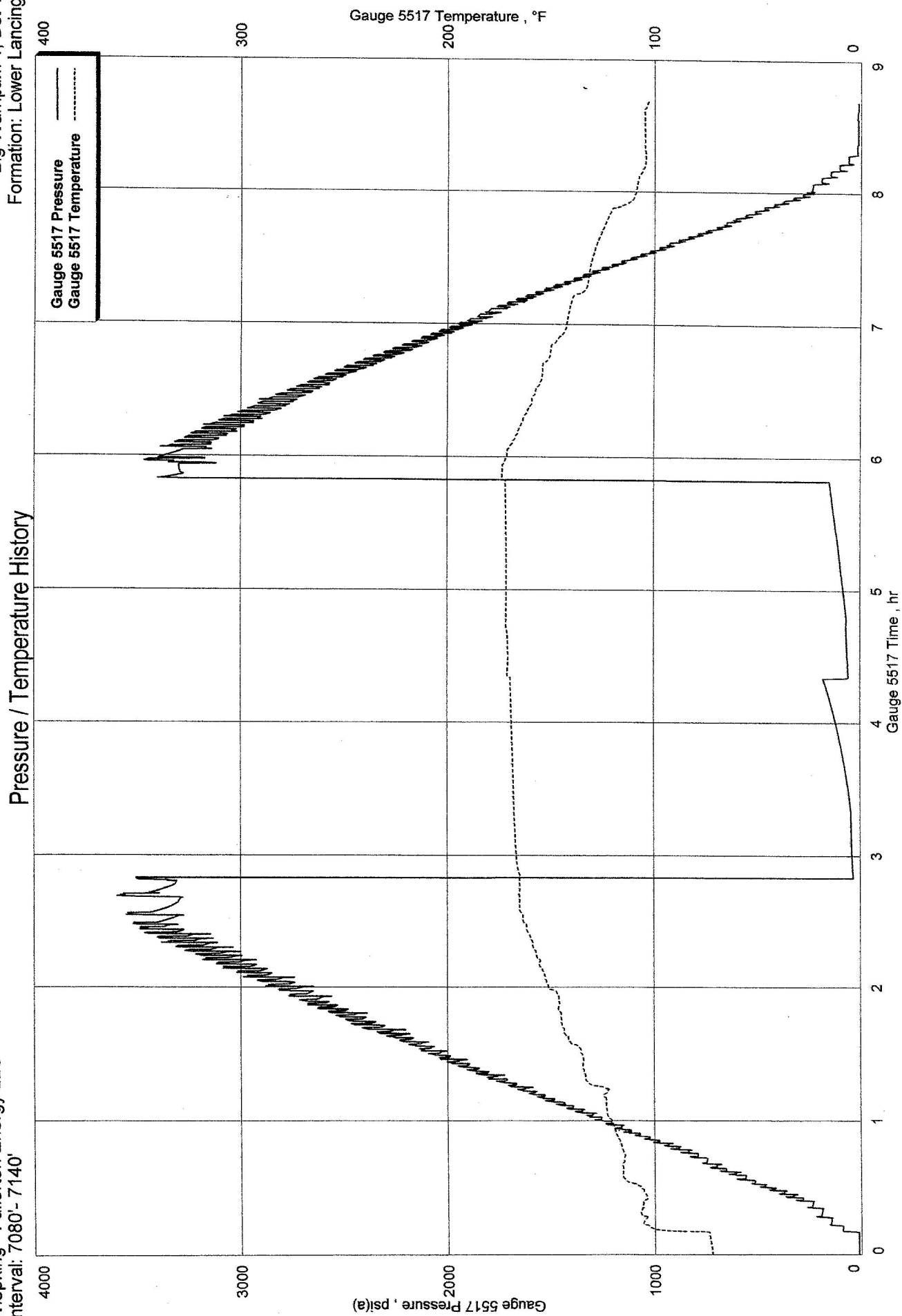
### Downhole Pressure Data

Recorder Type JMCO Memory Recorder  
No. 5517 Cap 6000 psi  
Depth 7063 ft.  
Inside X Outside  
Psi(a) Deg (f)  
Initial Hydrostatic [A] 3312  
Final Hydrostatic [K] 3299  
Initial Flow 1 [B] 34 164  
Final Flow 1 [C] 45 168  
Initial Flow 2 [E] 58 171  
Final Flow 2 [F] 69 171  
Shut-in 1 [D] 178 169  
Shut-in 2 [G] 149 172  
Maximum Temperature 172

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FORMATION: LOWER LANCING  
INTERVAL: 7080' - 7140'

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DATE: 08/11/2013

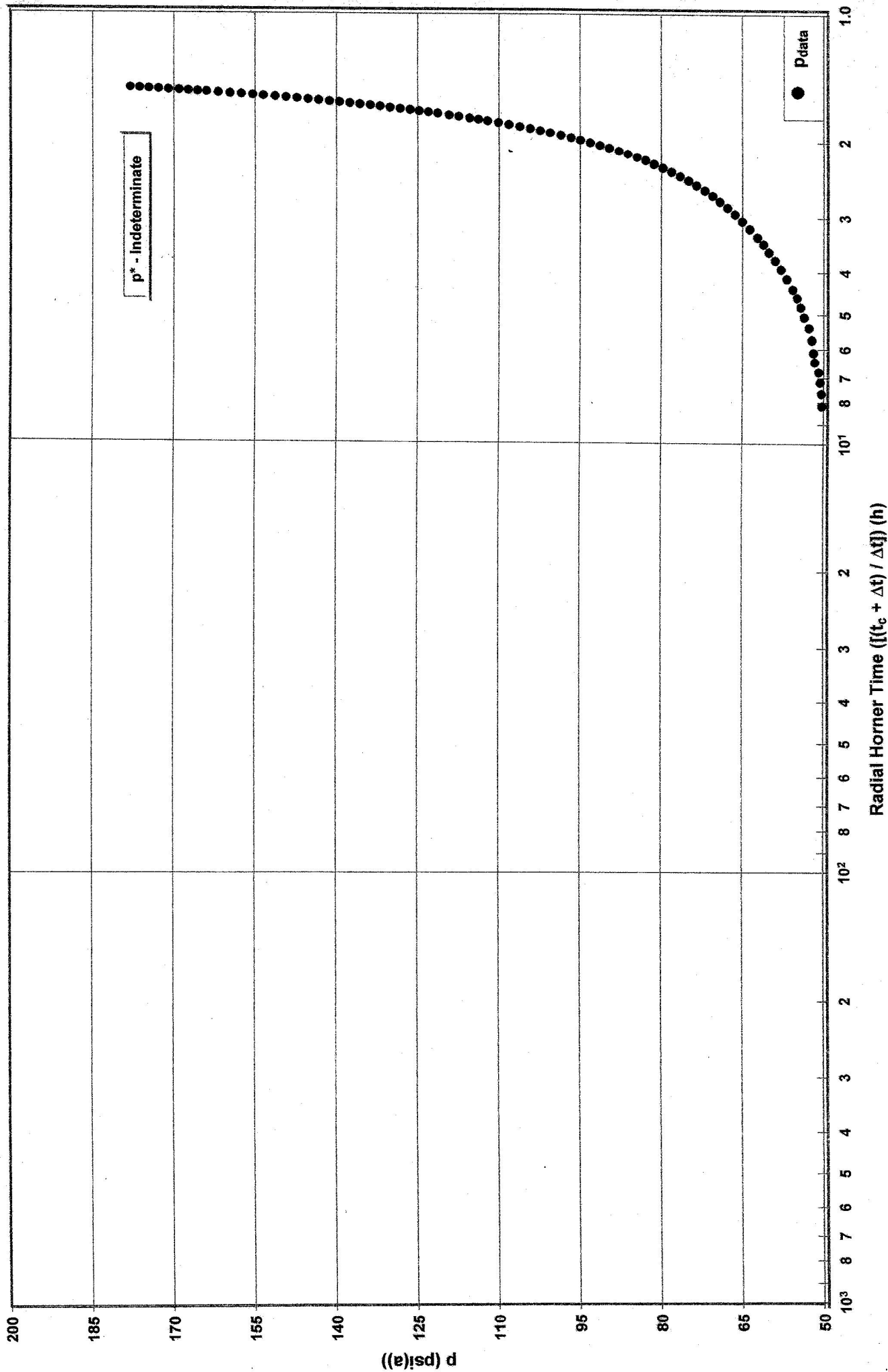




# Diagnostic Plot - Shut In 1 Radial

Wiepking - Fullerton Energy LLC  
Interval: 7080' - 7140'

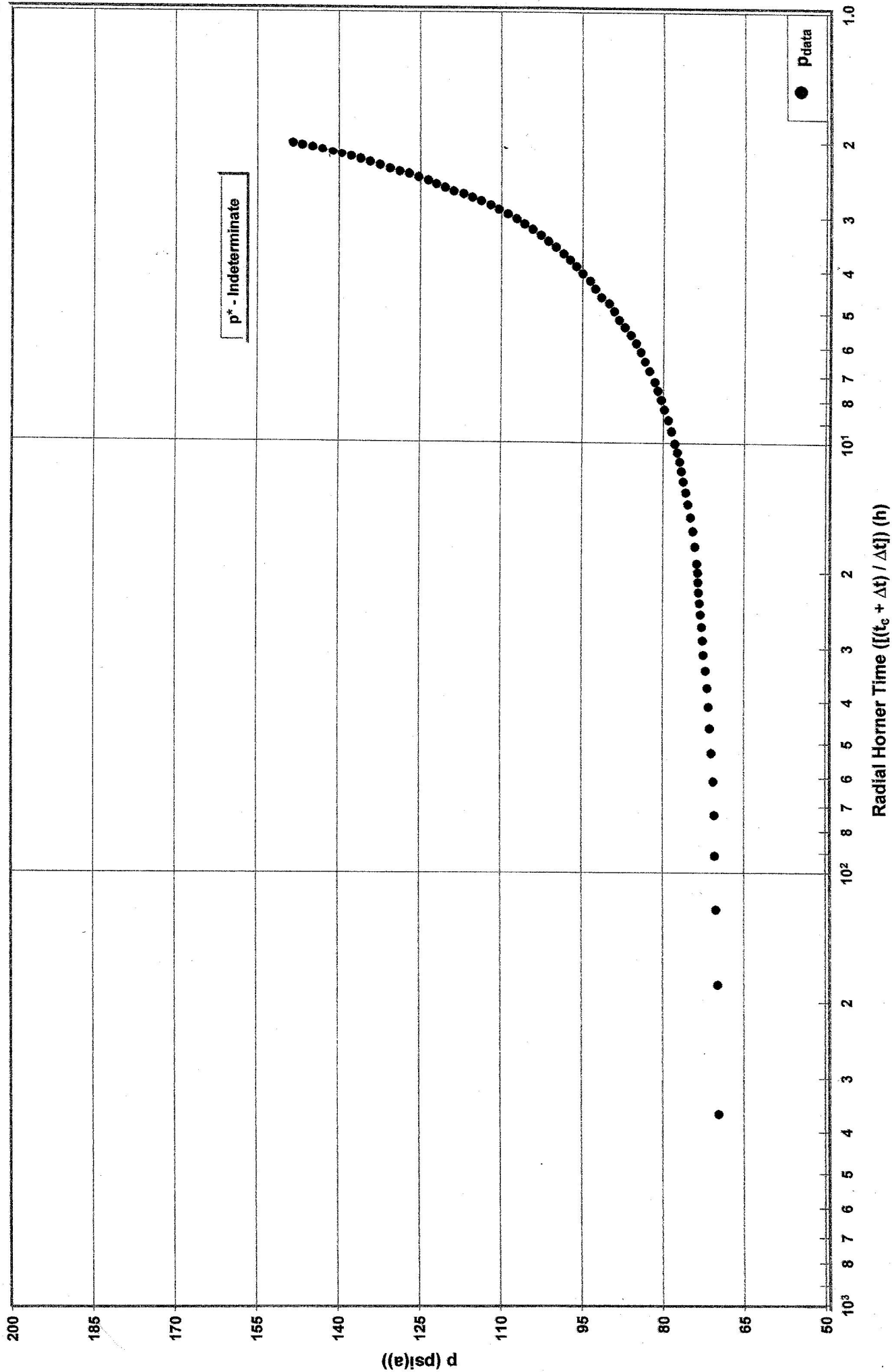
Big Wampum 1, Dst 1  
Formation: Lower Lancing



Wiepking - Fullerton Energy LLC  
Interval: 7080' - 7140'

# Diagnostic Plot - Shut In 2 Radial

Big Wampum 1, Dst 1  
Formation: Lower Lancing



# Diagnostic Plot - Shut In 2 Typecurve

Wiepking - Fullerton Energy LLC  
Interval: 7080' - 7140'

Big Wampum 1, Dst 1  
Formation: Lower Lancing

