

# Test-A-Log Co.

OPERATOR: WIEPKING - FULLERTON ENERGY LLC  
WELL NAME: MA - STATE 6

TEST NO: 2  
TICKET NO: 2976

Contractor	Murfin Drilling	Surface Choke	1"	Mud Type	Chemical
Rig No.	25	Bottom Choke	5/8"	Weight	9.4
Spot	SW/NW	Hole Size	7 7/8"	Viscosity	74
Sec	24	Core Hole		Water Loss	8.8
Twp	10 S	DP Size & Wt	4 1/2" 16.60	Filter Cake	1/32
Rng	56 W	HWDP Size		RW	1.5 @ 75 Deg Ppm
Field		ID of DC	2 3/8"		
County	Lincoln	Length of DC	546'		
State	Colorado	Total Depth	7955'	Co. Rep.	Gregg Smith
Elevation	5315' KB - 5302' GL	Type of Test	Conventional	Tester	Roger Seeman
Formation	Osage	Interval	7935'- 7955'		

## TEST SEQUENCE

Opened Tool	24:00	hrs	04/20/2014
	Reported	Corrected	
Flow 1	30	30	min
Shut-in 1	60	60	min
Flow 2	60	60	min
Shut-in 2	120	121	min

## SURFACE BLOW

1st Flow - Began with a 1/2" blow, increased to a good blow at 8 minutes with 6.5 oz and continued to increase to 9.5 oz at 30 minutes.

2nd Flow - Began with a weak blow, increased to a good blow at 13 minutes with 7.0 oz and continued to increase to 10.0 oz at 60 minutes.

## RECOVERY

3200' Gas above fluid  
1022' Total fluid = 9.73 bbl., consisting of:  
186' Oil = 2.64 bbl.  
93' Oil cut mud = 1.32 bbl.  
743' Water = 5.80 bbl.

Rw: 0.22 @ 66 deg F/31,691 ppm NaCl.

## SAMPLER

Pressure in Sampler	600	psi
Volume of Sampler	1850	cc
Volume of Sample	1600	cc
Oil:	400	cc
Water:	1200	cc
Mud:	0	cc
Gas:	3.28	cu ft
Other:	0	
Rw:	@	Deg F
Chlorides:	Ppm	
Gas/Oil Ratio	1312/1 cu.-ft./bbl.	cu.-ft./bbl.
Gravity	32.6	API @ 60 Deg F

REMARKS

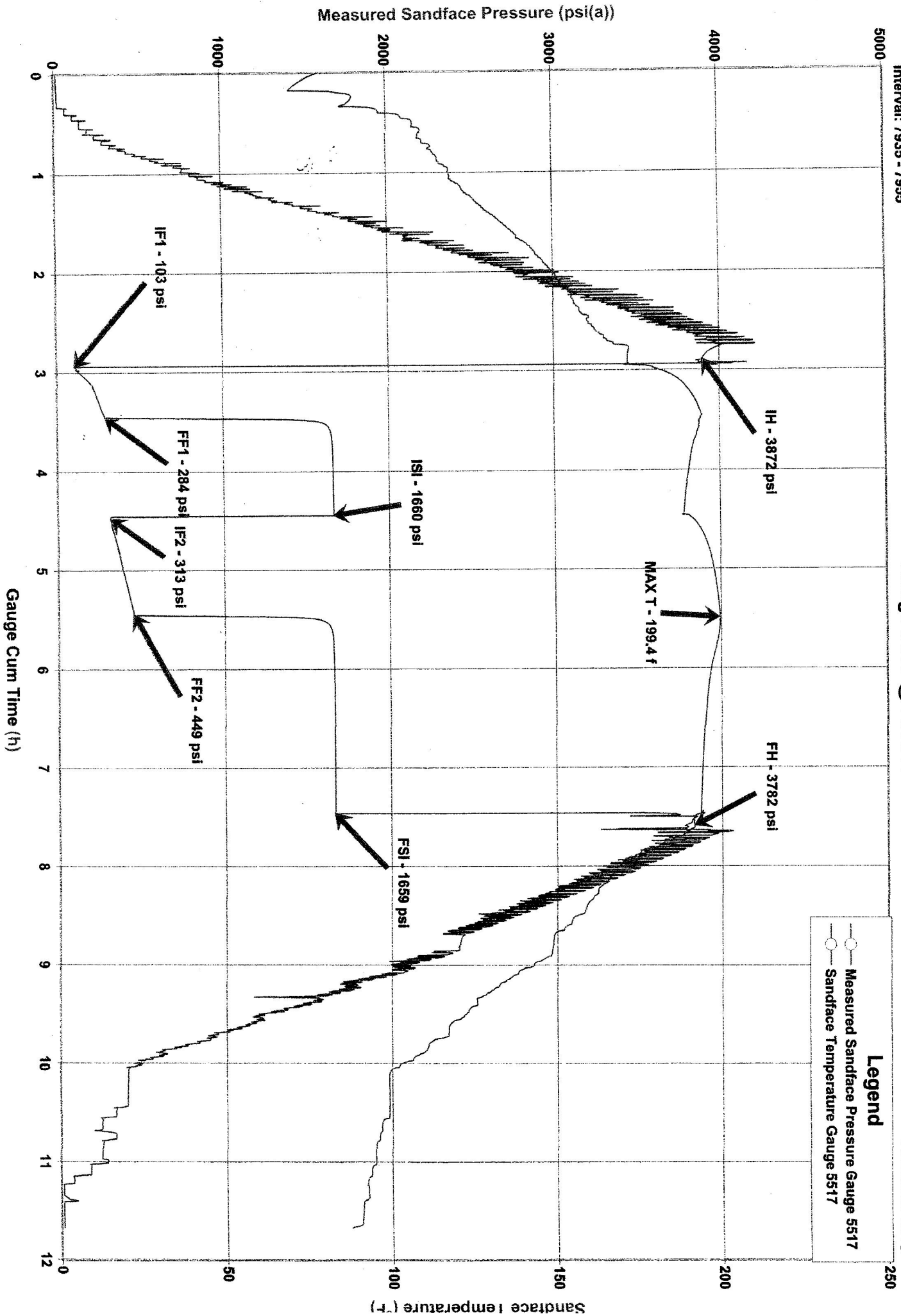
OPERATOR: WIEPKING - FULLERTON ENERGY LLC  
WELL NAME: MA - STATE 6  
FORMATION: OSAGE  
INTERVAL: 7935'- 7955'  
TEST NO: 2  
DATE: 04/20/2014



Wiepking - Fullerton Energy LLC  
Interval: 7935 - 7955'

Gauge 5517 @ 7913 ft

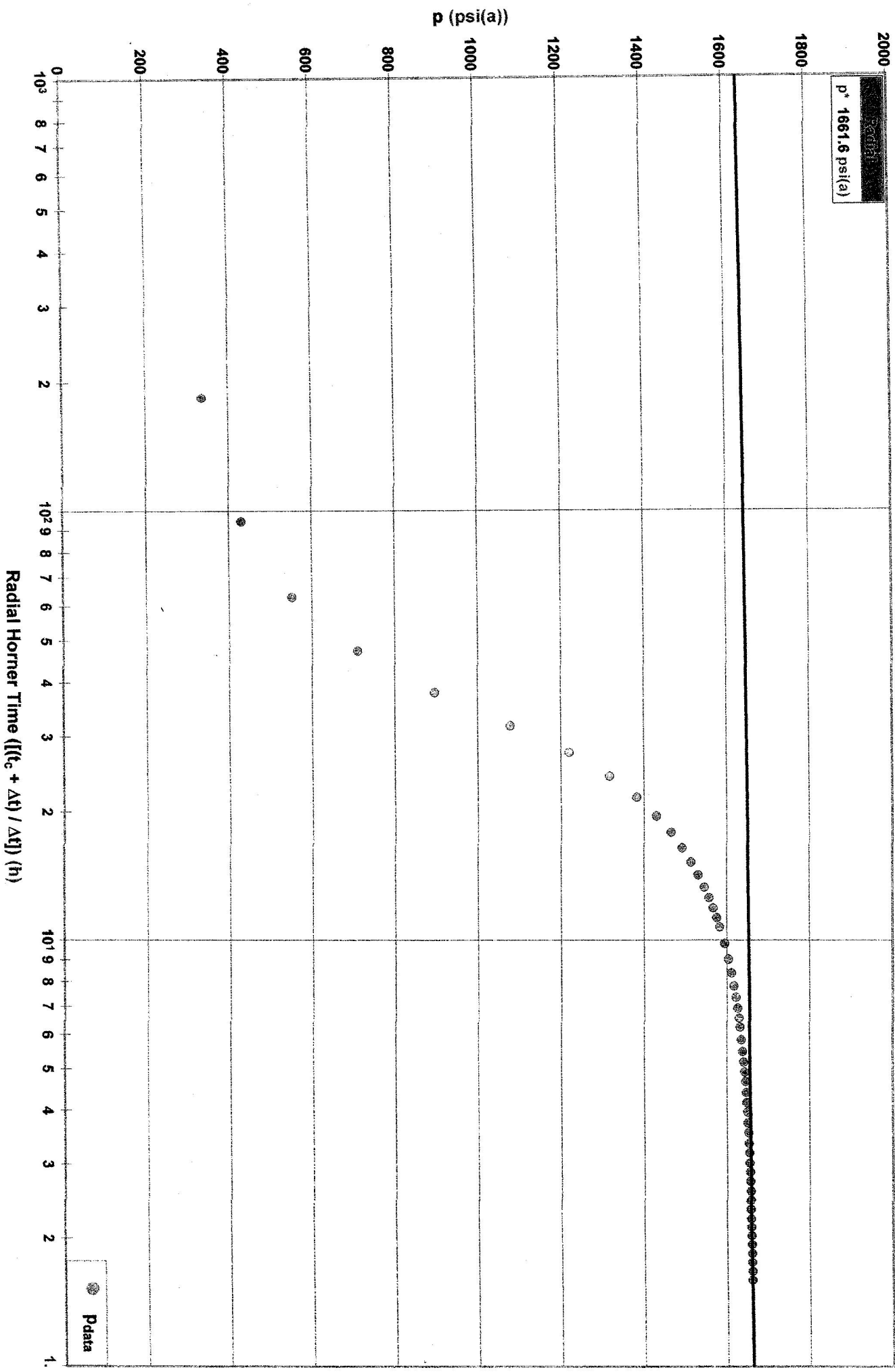
Ma - State 6, Dst 2  
Formation: Osage



Whepking - Fullerton Energy LLC  
Interval: 7935' - 7955'

# Diagnostic Plot - Shut in 1 Radial

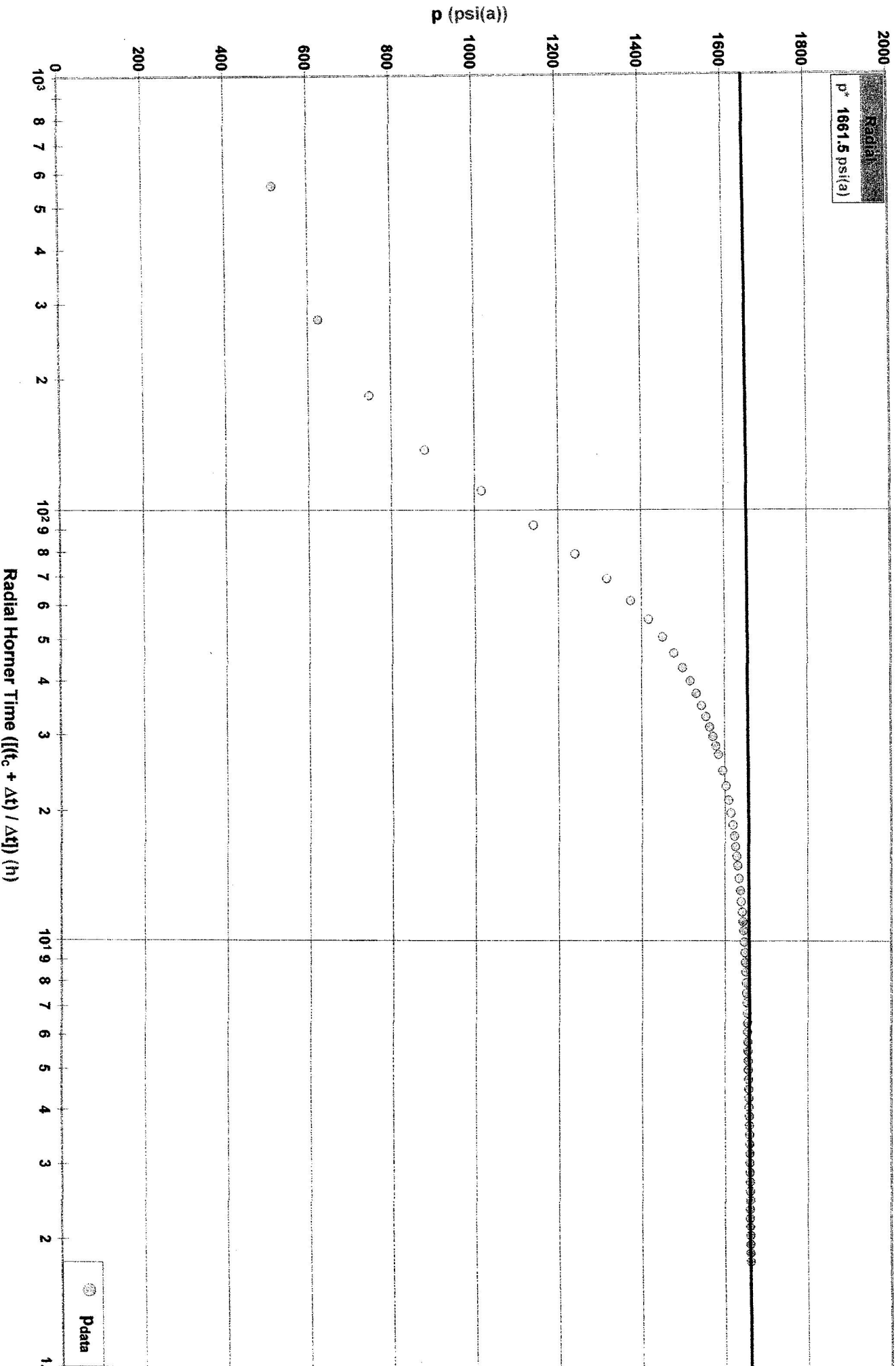
Ma - State 6, Det 2  
Formation: Osage



Wiepking - Fullerton Energy LLC  
Interval: 7935' - 7965'

# Diagnostic Plot - Shut In 2 Radial

Ma - State 6, Dst 2  
Formation: Osage



# Diagnostic Plot - Shut In 2 Typecurve

Wiepking - Fullerton Energy LLC  
Interval: 7935' - 7955'

Ma - State 6, Dst 2  
Formation: Osage

