

# Test-A-Log Co.

OPERATOR: WIEPKING - FULLERTON ENERGY LLC  
WELL NAME: ALOHA MULA 16  
FORMATION: PAWNEE "B"  
INTERVAL: 7096'-7121'  
TEST NO: 2  
DATE: 08/02/2014

OPERATOR: WIEPKING - FULLERTON ENERGY LLC  
WELL NAME: ALOHA MULA 16

TEST NO: 2  
TICKET NO: 2987

Contractor	Murfin Drilling	Surface Choke	1"	Mud Type	Chemical
Rig No.	25	Bottom Choke	5/8"	Weight	9.1
Spot	SW/NW	Hole Size	7 7/8"	Viscosity	93
Sec	19	Core Hole		Water Loss	8.0
Twp	10 S	DP Size & Wt	4 1/2" 16.60	Filter Cake	1/32
Rng	55 W	HWDP Size		RW	1.1 @ 80 Deg
Field	Great Plains	ID of DC	2 1/4"		4,617 Ppm
County	Lincoln	Length of DC	560'		
State	Colorado	Total Depth	7121'	Co. Rep.	Gregg Smith
Elevation	5299' KB - 5286' GL	Type of Test	Conventional	Tester	Roger Seeman
Formation	Pawnee "B"	Interval	7096'-7121'		

## TEST SEQUENCE

Opened Tool	17:15	hrs	08/02/2014
	Reported	Corrected	
Flow 1	30	30	min
Shut-in 1	60	60	min
Flow 2	30	30	min
Shut-in 2	120	120	min

## SURFACE BLOW

1st Flow - Began with a strong blow, gas to surface at 8 1/2 minutes; decreased slowly after 15 minutes to 9.0 oz at end of flow period.

2nd Flow - Began with a good blow, increased to a strong blow at 1 1/2 minutes and remained thru flow period.

## RECOVERY

720' Total fluid = 5.02 bbl., consisting of:  
125' Highly mud cut oil = 1.78 bbl.  
188' Highly oil cut mud = 1.25 bbl.  
94' Slightly mud cut oil = 0.46 bbl.  
251' Highly oil cut mud = 1.23 bbl.  
62' Muddy water = 0.30 bbl.

## SAMPLER

Pressure in Sampler	725	psi
Volume of Sampler	1850	cc
Volume of Sample	1600	cc
Oil:	850	cc
Water:	750	cc
Mud:	0	cc
Gas:	3.96	cu ft
Other:	0	
Rw:	0.20	@ 75 Deg F
Chlorides:	30,946	Ppm
Gas/Oil Ratio	745 - 1	cu.-ft./bbl.
Gravity	34.8	API @ 60 Deg F

REMARKS

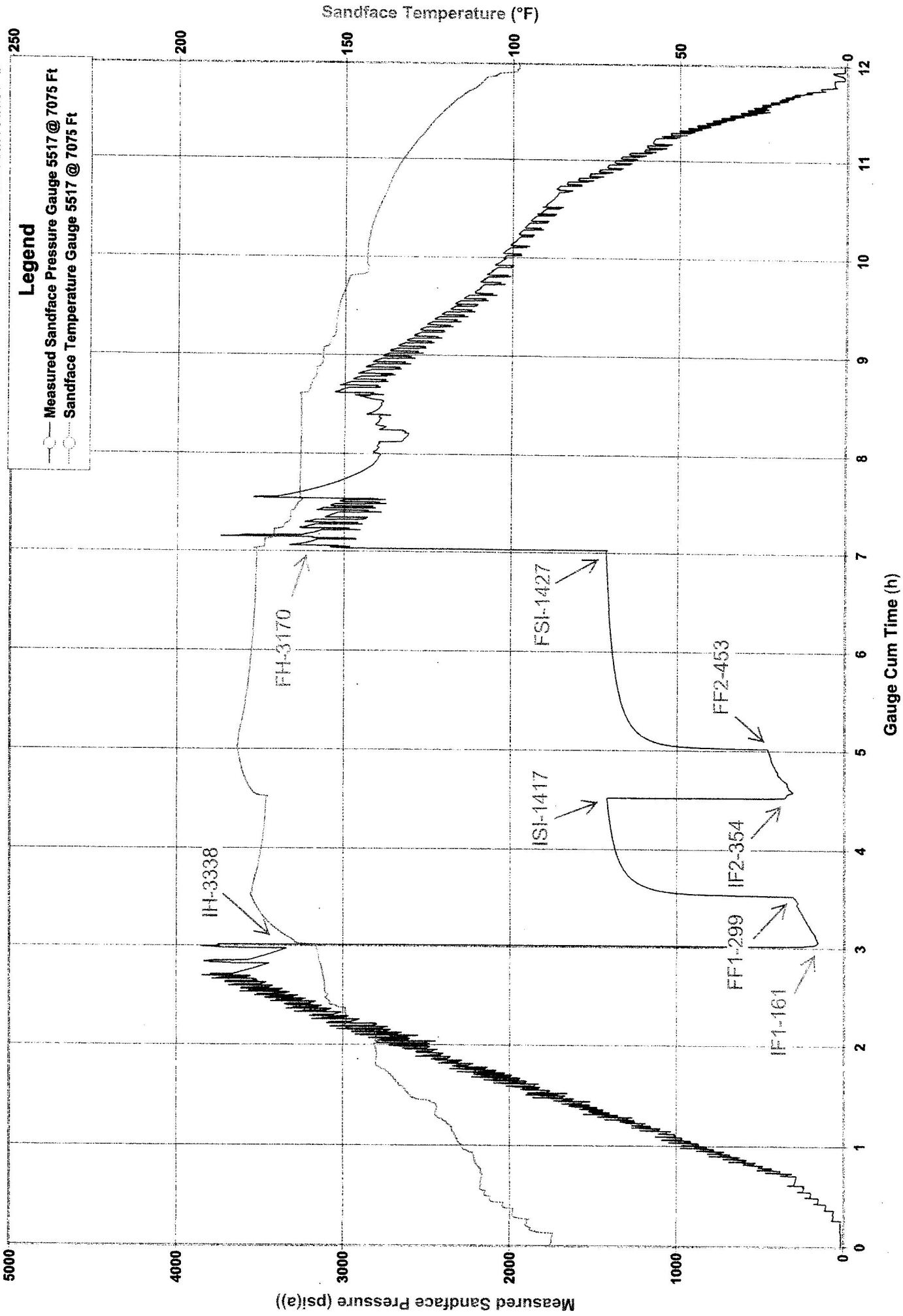


Wiepking - Fullerton Energy LLC

Interval: 7096'- 7121'

Gauge 5517 @ 7075 Ft

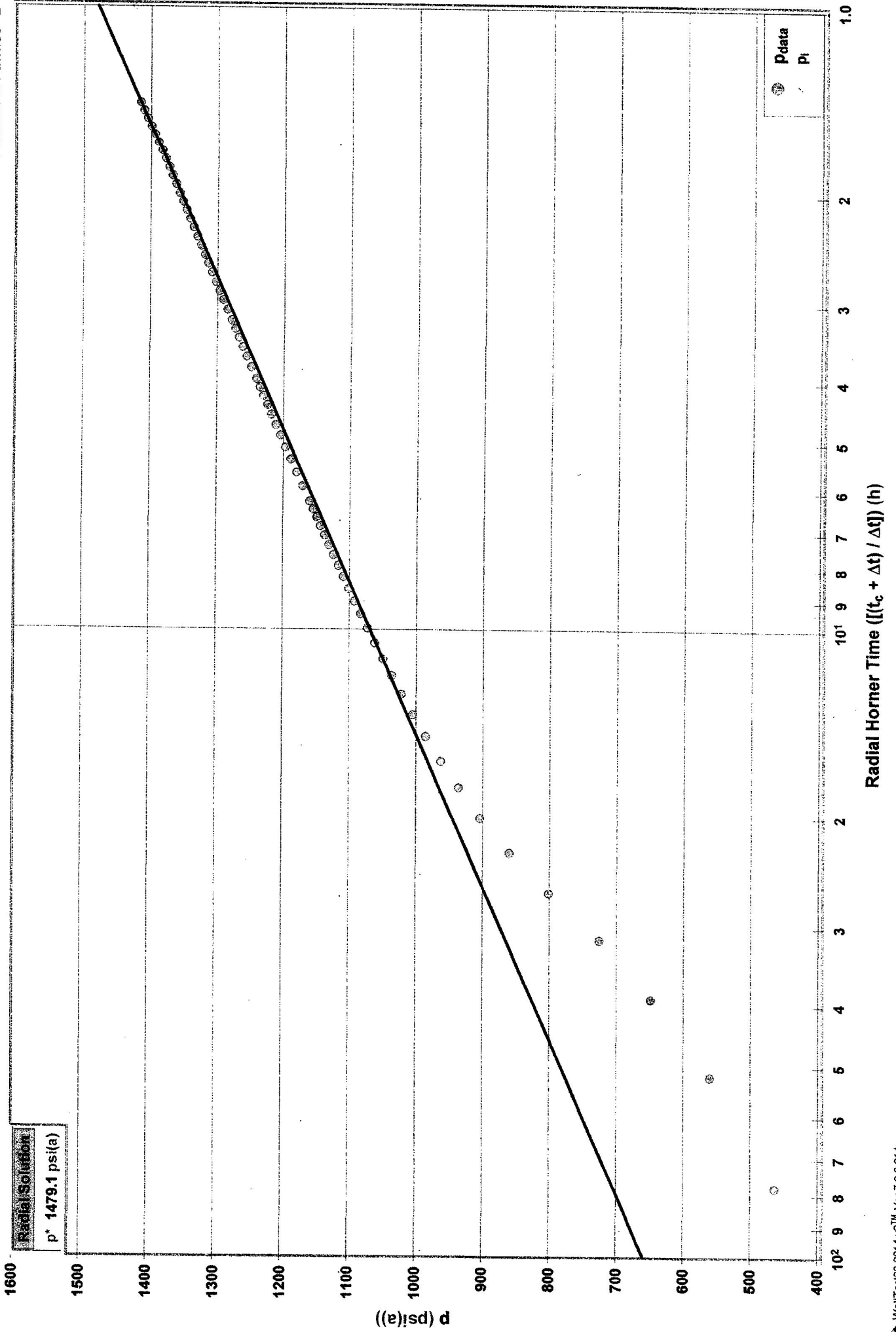
Aloha Mula 16, Dst 2  
Formation: Pawnee "B"



Wierking - Fullerton Energy LLC  
Interval: 7096'- 7121'

# Diagnostic Plot - Shut In 1 Radial

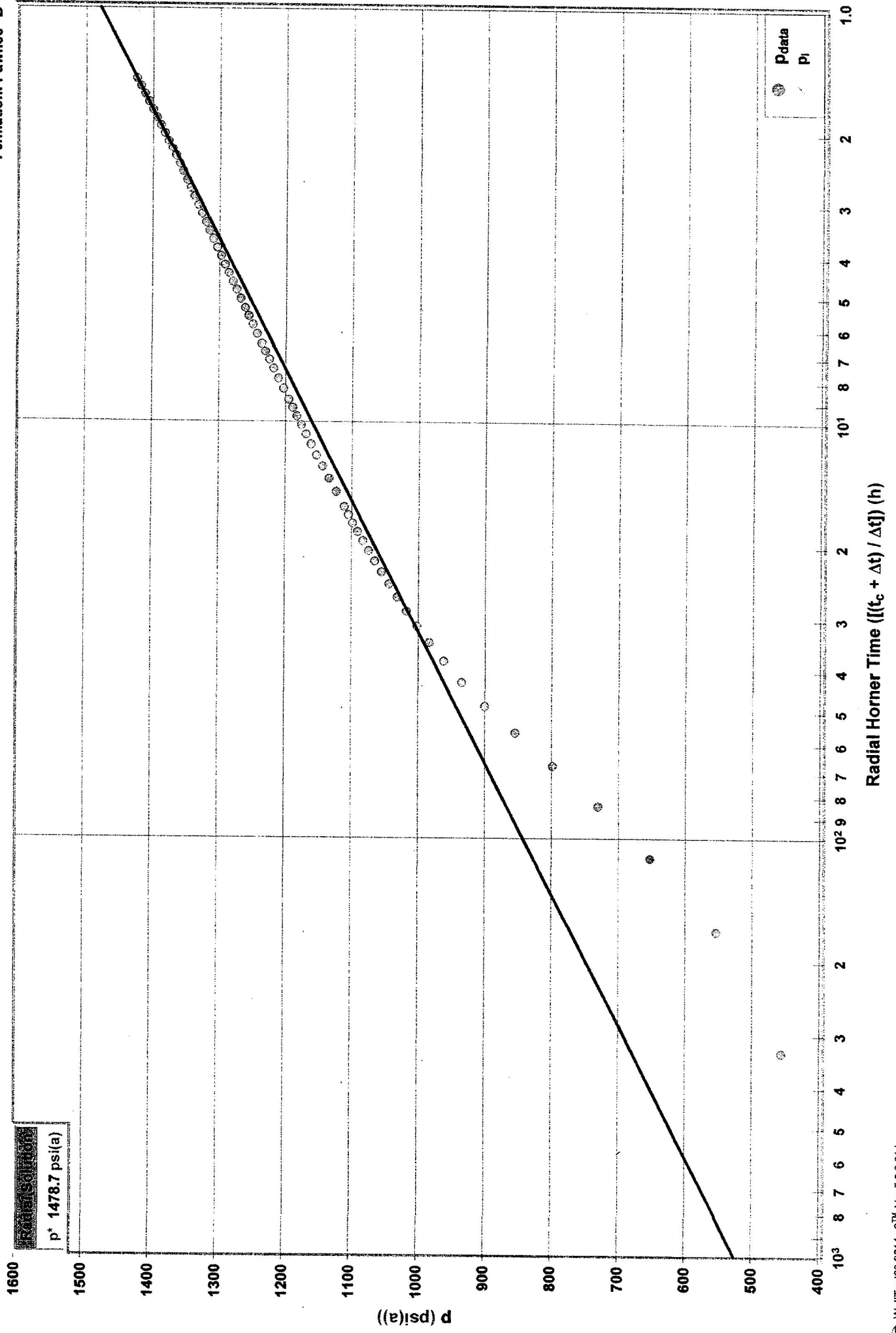
Aloha Mula 16, Dst 2  
Formation: Pawnee "B"



# Diagnostic Plot - Shut In 2 Radial

Wiepking - Fullerton Energy LLC  
Interval: 7096' - 7121'

Aloha Mula 16, Dst 2  
Formation: Pawnee "B"



# Diagnostic Plot - Shut In 2 Typecurve

Wiepking - Fullerton Energy LLC  
Interval: 7096' - 7121'

Aloha Mula 16, Dat 2  
Formation: Pawnee "B"

