

Kimball NE  
Ph: (308) 235-2466

# Test-A-Log Co.

Technical Services  
Ph (888) 389-8389

OPERATOR: WIEPKING - FULLERTON ENERGY LLC  
WELL NAME: RAPTOR 7

TEST NO: 1  
TICKET NO: 2947

Contractor Murfin Drilling  
Rig No. 25  
Spot NW/SE  
Sec 18  
Twp 10 S  
Rng 55 W  
Field  
County Lincoln  
State Colorado  
Elevation 5219' KB - 5206' GL  
Formation Torch

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 547'  
Total Depth 7000'  
Type of Test Conventional  
Interval 6975'- 7000'

Mud Type Chemical  
Weight 9.1  
Viscosity 84  
Water Loss 7.2  
Filter Cake 1/32  
RW 1.3 @ 70 Deg F  
Chlorides Ppm

Co. Rep. Gregg Smith  
Tester Roger Seeman

Pipe Recovery:  
10' Mud

## Properties:

## Downhole Sampler:

Pressure in Sampler 0 psig  
Volume of Sampler 1850 cc  
Volume of Sample 1500 cc  
Oil: Trace cc  
Water: 0 cc  
Mud: 1500 cc  
Gas: 0 cu ft  
Other: 0

Rw:  
Chlorides:  
Gas/Oil Ratio  
Gravity API @ 60 Deg F

Opened Tool @ 09:30 hrs on 7/24/2013

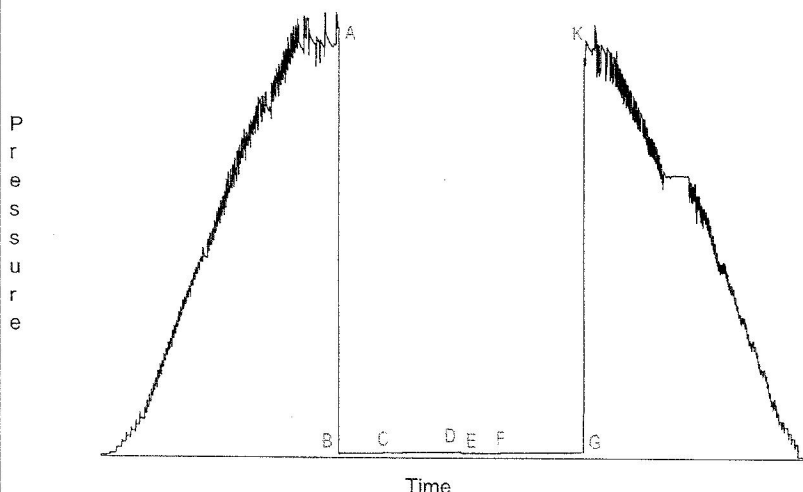
	Reported	Corrected	
Flow 1	30	29	min
Shut-in 1	60	59	min
Flow 2	30	30	min
Shut-in 2	60	60	min

## Surface blow:

1st Flow - Began with a surface blow, decreased and died at 8 minutes and remained thru flow period.

2nd Flow - Began with no blow and remained dead throughout test.

Downhole Pressure Chart



## Downhole Pressure Data

Recorder Type JMCO Memory Recorder  
No. 5517 Cap 6000 psi  
Depth 6958 ft.  
Inside X Outside  
Psi(a) Deg (f)  
Initial Hydrostatic [A] 3267  
Final Hydrostatic [K] 3243  
Initial Flow 1 [B] 28 165  
Final Flow 1 [C] 33 166  
Initial Flow 2 [E] 36 168  
Final Flow 2 [F] 37 169  
Shut-in 1 [D] 44 167  
Shut-in 2 [G] 44 170  
Maximum Temperature 170

OPERATOR: WIEPKING-FULLERTON ENERGY LLC  
WELL NAME: RAPTOR 7  
FORMATION: TORCH  
INTERVAL: 6975'- 7000'

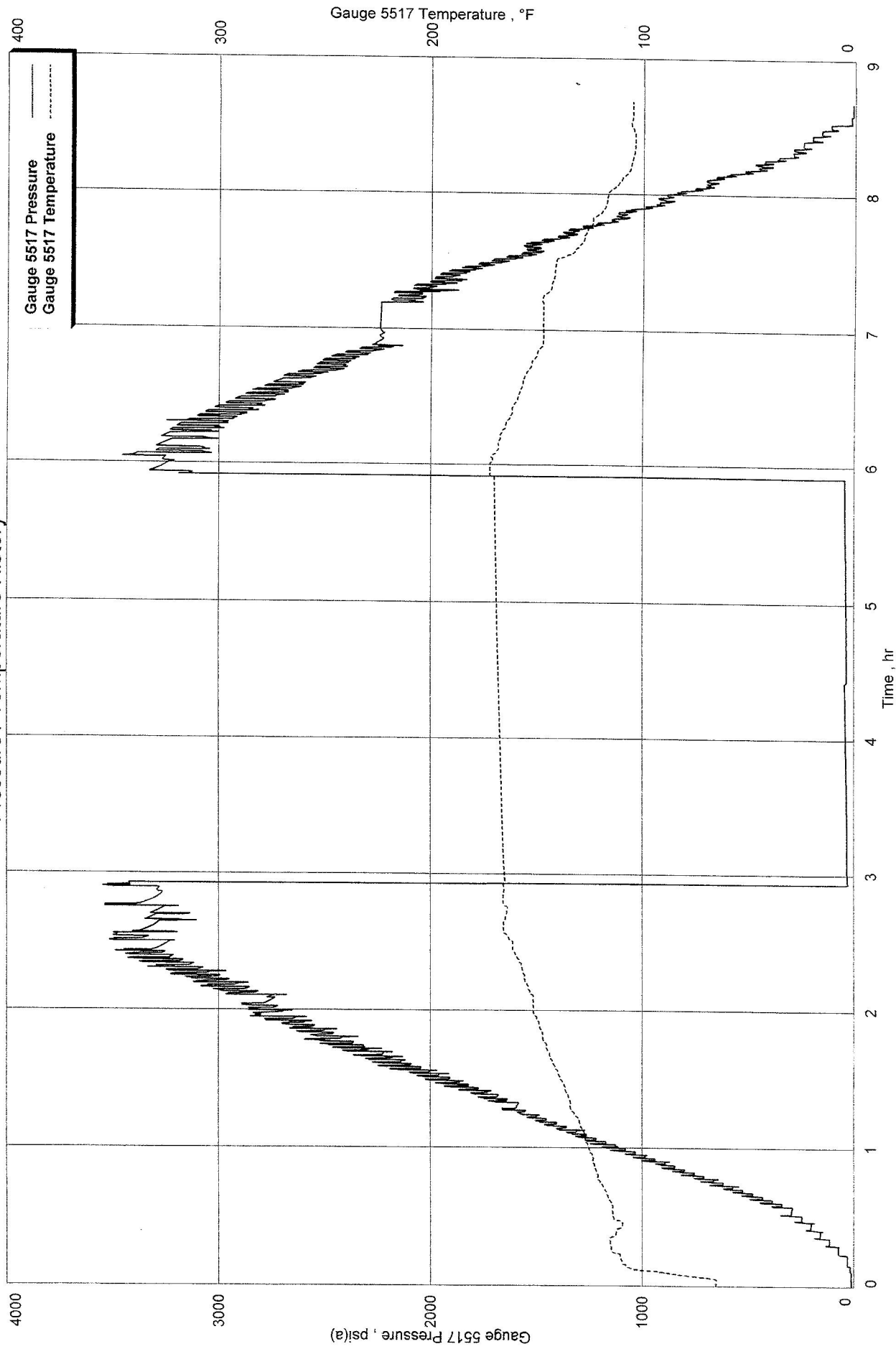
TEST NO: 1  
DATE: 07/24/2013



Wiepking - Fullerton Energy LLC  
Interval: 6975' - 7000'

Raptor 7, Dst 1  
Formation: Torch

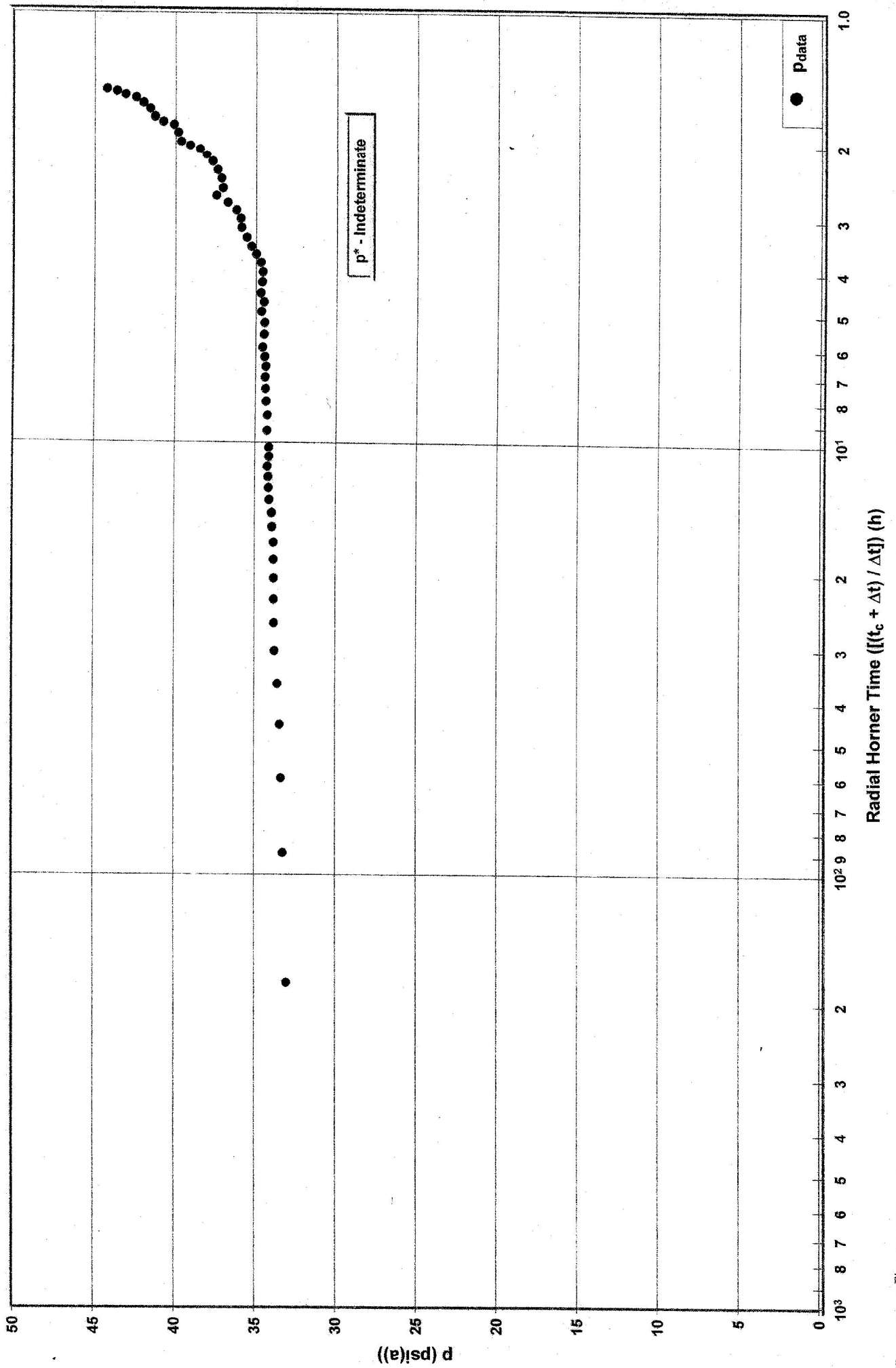
# Pressure / Temperature History



# Diagnostic Plot - Shut In 1 Radial

Wiepking - Fullerton Energy LLC  
Interval: 6975' - 7000'

Raptor 7, Dst 1  
Formation: Torch



# Diagnostic Plot - Shut In 2 Radial

Wiepking - Fullerton Energy LLC  
Interval: 6975' - 7000'

Raptor 7, Dst 1  
Formation: Torch

