



DRILL STEM TEST REPORT

Prepared For: **Carrie Exploration & Development & General Partner**
210 w 22nd Hays KS 67601

ATTN:

Lundgren #c-2

25-19-11 Barton

Start Date: 2012.07.13 @ 06:58:00

End Date: 2012.07.13 @ 12:30:00

Job Ticket #: 17363

DST #: 2

Superior Testers Enterprises LLC
PO Box 138 Great Bend KS 67530
1-800-792-6902

Printed: 2012.07.13 @ 12:45:30

Carrie Exploration & Development & General Partnership

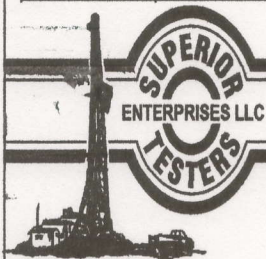
25-19-11 Barton

Lundgren #c-2

DST # 2

Arbuckle

2012.07.13



DRILL STEM TEST REPORT

Carrie Exploration & Development & General
Partnership
210 w 22nd Hays KS 67601

25-19-11 Barton

Lundgren #c-2

Job Ticket: 17363

DST#: 2

ATTN:

Test Start: 2012.07.13 @ 06:58:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:14:30

Time Test Ended: 12:30:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Jared Scheck

Unit No: 3320-Great Bend-70

Interval: **3282.00 ft (KB) To 3318.00 ft (KB) (TVD)**

Total Depth: 3318.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1778.00 ft (KB)

1769.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 8159

Press@RunDepth: 486.03 psia @ ft (KB)

Start Date: 2012.07.13

End Date:

2012.07.13

Start Time: 06:58:00

End Time:

12:29:30

Capacity: 5000.00 psia

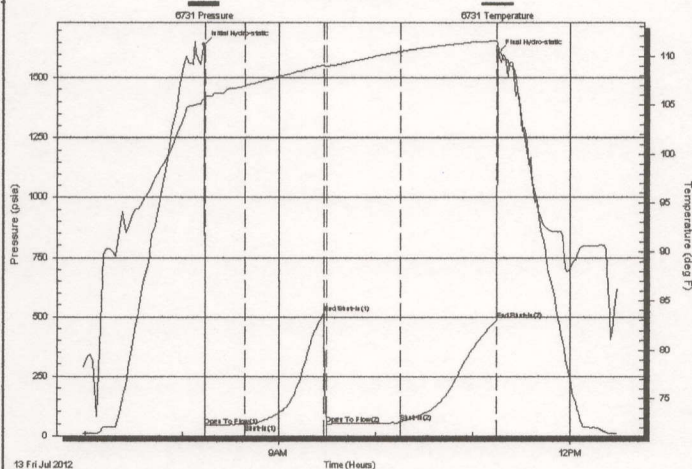
Last Calib.: 2012.07.13

Time On Btm: 2012.07.13 @ 08:13:30

Time Off Btm: 2012.07.13 @ 11:15:30

TEST COMMENT: 1st Opening 30 Minutes-Fair blow built 8 inches into water in 30 minutes
1st Shut-in 45 Minutes-No blow back
2nd Opening 45 Minutes-Fair blow built bottom of bucket in 23 minutes
2nd Shut-in 60 Minutes-No blow back

Pressure vs. Time



PRESSURE SUMMARY

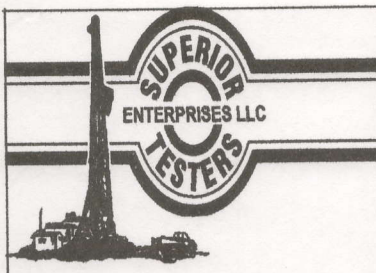
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1652.68	106.40	Initial Hydro-static
1	42.38	106.62	Open To Flow (1)
27	47.85	106.81	Shut-In (1)
75	517.43	109.06	End Shut-In (1)
76	45.84	108.93	Open To Flow (2)
120	54.48	110.67	Shut-In (2)
181	486.03	112.18	End Shut-In (2)
182	1615.29	112.41	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
35.00	oil mud cut gas 30% mud 30% oil 40% gas	0.49
0.00	200 feet gas in pipe	0.00

Gas Rates

	Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)
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DRILL STEM TEST REPORT

FLUID SUMMARY

Carrie Exploration & Development & General
Partnership
210 w 22nd Hays KS 67601

25-19-11 Barton

Lundgren #c-2

Job Ticket: 17363

DST#: 2

ATTN:

Test Start: 2012.07.13 @ 06:58:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 57.00 sec/qt
Water Loss: 8.60 in³
Resistivity: ohm.m
Salinity: 5000.00 ppm
Filter Cake: 1.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psia

Oil API: deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
35.00	oil mud cut gas 30% mud 30% oil 40% gas	0.491
0.00	200 feet gas in pipe	0.000

Total Length: 35.00 ft Total Volume: 0.491 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

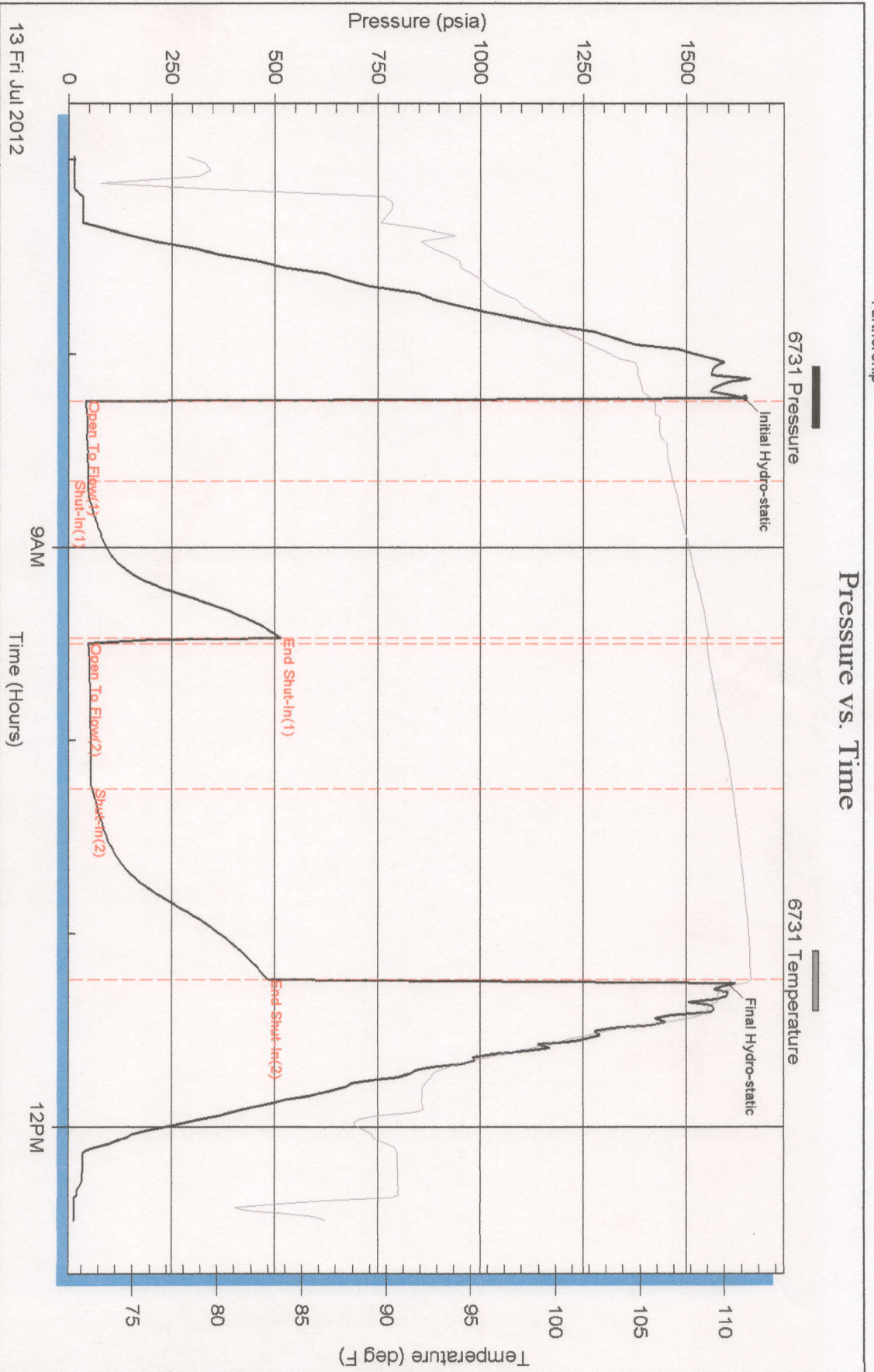
Serial #: 6731

Cartle Exploration & Development & General Partnership

Lundgren #c-2

DST Test Number: 2

Pressure vs. Time



Serial #: 8159

Carrie Exploration & Development & General Partnership

Lundgren #c-2

DST Test Number: 2

Pressure vs. Time

