



DRILL STEM TEST REPORT

Prepared For: **WOOLSEY OPERATING CO.L.L.C**

125 N MARKET, SUITE #1000 WICHITS
KS 67202

ATTN: ROGER MARTIN

9-35S-12W BARBER

WECKWORTH #2

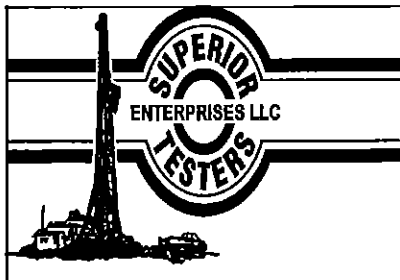
Start Date: 2010.09.03 @ 05:35:00

End Date: 2010.09.03 @ 17:12:30

Job Ticket #: 16053 DST #: 1

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

Printed: 2010.09.03 @ 17:32:52



DRILL STEM TEST REPORT

WOOLSEY OPERATING CO L.L.C

WECKWORTH #2

125 N MAROKET, SUITE #1000 WICHITA KS
67202

9-35S-12W BARBER

Job Ticket: 16053

DST#: 1

ATTN: ROGER MARTIN

Test Start: 2010.09.03 @ 05:35:00

GENERAL INFORMATION:

Formation: **MISSISSIPPI**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:13:00

Time Test Ended: 17:12:30

Interval: 4750.00 ft (KB) To 4935.00 ft (KB) (TVD)

Total Depth: 4935.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole (Initial)

Tester: JARED SCHECK

Unit No: 3220- PRATT -115

Reference Elevations: 1418.00 ft (KB)

1409.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 8405

Inside

Press@RunDepth: 219.18 psia @ 4931.00 ft (KB)

Start Date: 2010.09.03

End Date: 2010.09.03

Start Time: 05:35:00

End Time: 17:12:30

Capacity: 5000.00 psia

Last Calib.: 2010.09.03

Time On Btm: 2010.09.03 @ 09:12:00

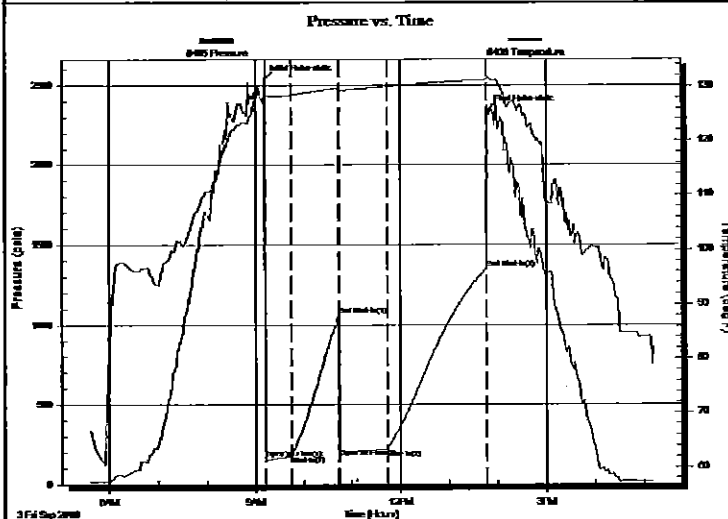
Time Off Btm: 2010.09.03 @ 13:47:00

TEST COMMENT: 30/INITIAL OPEN:STRONG BLOW BUILT BOTTOM OF BUCKET IN 5 MINUTES

60/INITIAL SHUT IN:NO BLOW BACK

60/FINAL OPEN:STRONG BLOW BUILT BOTTOM OF BUCKET IN 1 MINUTES

120/FINAL SHUT IN:NO BLOW BACK



PRESSURE SUMMARY

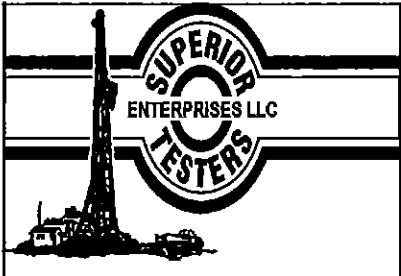
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2539.74	129.16	Initial Hydro-static
1	162.40	128.47	Open To Flow (1)
33	177.64	128.43	Shut-In(1)
92	1060.20	129.67	End Shut-In(1)
93	167.61	129.35	Open To Flow (2)
151	219.18	129.95	Shut-In(2)
274	1347.95	131.21	End Shut-In(2)
275	2340.66	131.45	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
185.00	MJD	0.91

Gas Rates

	Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)



DRILL STEM TEST REPORT

WOOLSEY OPERATING CO L.L.C
 125 N MAROKET, SUITE #1000 WICHITA KS 67202
 ATTN: ROGER MARTIN

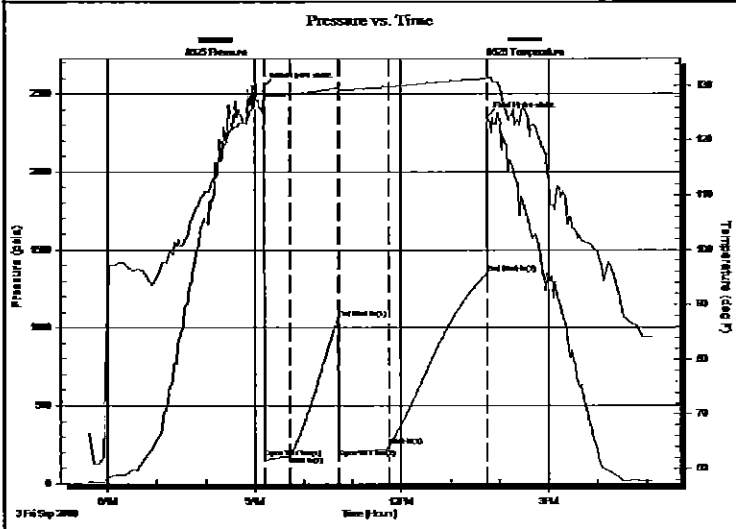
WECKWORTH #2
 9-35S-12W BARBER
 Job Ticket: 16053 DST#: 1
 Test Start: 2010.09.03 @ 05:35:00

GENERAL INFORMATION:

Formation: **MISSISSIPPI**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 09:13:00
 Time Test Ended: 17:12:30
 Interval: **4750.00 ft (KB) To 4935.00 ft (KB) (TVD)**
 Total Depth: **4935.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: JARED SCHECK
 Unit No: 3220- PRATT -115
 Reference Elevations: 1418.00 ft (KB)
 1409.00 ft (CF)
 KB to GR/CF: 9.00 ft

Serial #: 8525 Outside
 Press@RunDepth: 1346.65 psia @ 4932.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2010.09.03 End Date: 2010.09.03 Last Calib.: 2010.09.03
 Start Time: 05:35:00 End Time: 17:11:00 Time On Blm: 2010.09.03 @ 09:11:30
 Time Off Blm: 2010.09.03 @ 13:46:00

TEST COMMENT: 30/INITIAL OPEN:STRONG BLOW BUILT BOTTOM OF BUCKET IN 5 MINUTES
 60/INITIAL SHUT IN:NO BLOW BACK
 60/FINAL OPEN:STRONG BLOW BUILT BOTTOM OF BUCKET IN 1 MINUTES
 120/FINAL SHUT IN:NO BLOW BACK



PRESSURE SUMMARY

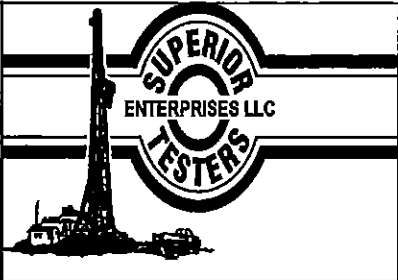
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2542.82	129.04	Initial Hydro-static
1	163.34	128.28	Open To Flow (1)
32	175.85	128.29	Shut-In(1)
92	1061.56	129.55	End Shut-In(1)
93	166.14	129.20	Open To Flow (2)
154	243.05	129.75	Shut-In(2)
274	1346.65	131.20	End Shut-In(2)
275	2350.03	131.40	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
185.00	MUD	0.91

Gas Rates

Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)



DRILL STEM TEST REPORT

TOOL DIAGRAM

WOOLSEY OPERATING CO L.L.C

WECKWORTH #2

125 N MAROKET, SUITE #1000 WICHITA KS
67202

9-35S-12W BARBER

Job Ticket: 16053

DST#: 1

ATTN: ROGER MARTIN

Test Start: 2010.09.03 @ 05:35:00

Tool Information

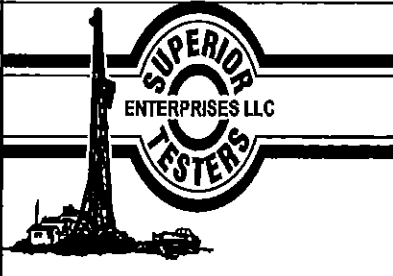
Drill Pipe:	Length: 4509.00 ft	Diameter: 3.80 inches	Volume: 63.25 bbl	Tool Weight: 1000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 240.00 ft	Diameter: 2.25 inches	Volume: 1.18 bbl	Weight to Pull Loose: 76000.00 lb
			<u>Total Volume: 64.43 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	4750.00 ft			Final 68000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	185.00 ft			
Tool Length:	214.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4722.00	
Shut-In Tool	5.00			4727.00	
Hydraulic Tool	5.00			4732.00	
Jars	6.00			4738.00	
Safety Joint	2.00			4740.00	
Packer	5.00			4745.00	29.00 Bottom Of Top Packer
Packer	5.00			4750.00	
Change Over Sub	0.75			4750.75	
Drill Pipe	155.50			4906.25	
Change Over Sub	0.75			4907.00	
Perforations	23.00			4930.00	
Recorder	1.00	8405	Inside	4931.00	
Recorder	1.00	8525	Outside	4932.00	
Bullnose	3.00			4935.00	185.00 Bottom Packers & Anchor

Total Tool Length: 214.00



DRILL STEM TEST REPORT

FLUID SUMMARY

WOOLSEY OPERATING CO L.L.C

WECKWORTH #2

125 N MARKET, SUITE #1000 WCHITS KS
67202

9-35S-12W BARBER

Job Ticket: 16053

DST#: 1

ATTN: ROGER MARTIN

Test Start: 2010.09.03 @ 05:35:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 53.00 sec/qt	Cushion Volume: bbl		
Water Loss: 13.20 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psia		
Salinity: 9000.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
185.00	MUD	0.910

Total Length: 185.00 ft

Total Volume: 0.910 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8405

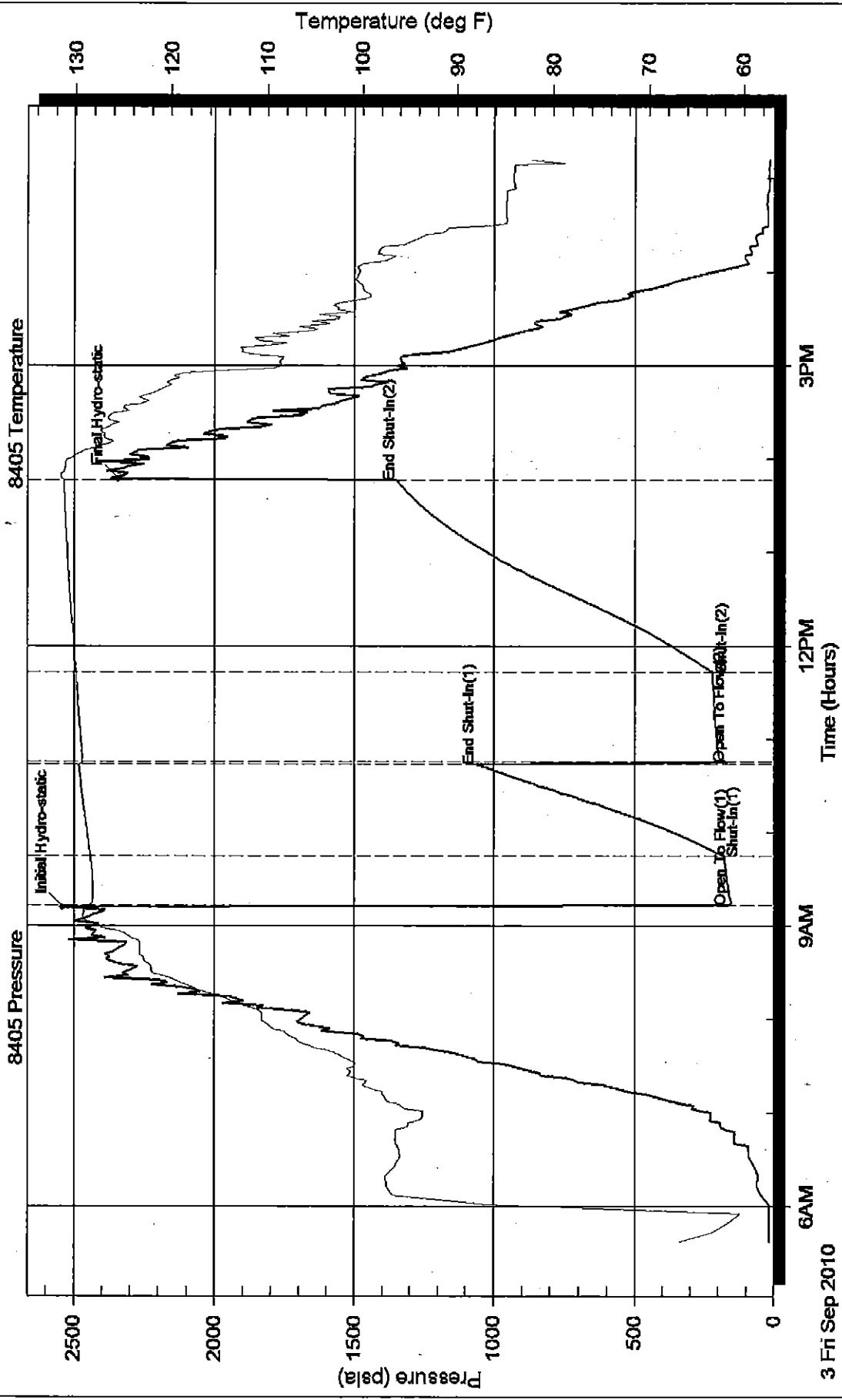
Inside

WOOLSEY OPERATING CO L.L.C

9-35S-12W BARBER

DST Test Number: 1

Pressure vs. Time



Superior Testers Enterprises LLC

Ref. No: 16053

Printed: 2010.09.03 @ 17:32:54

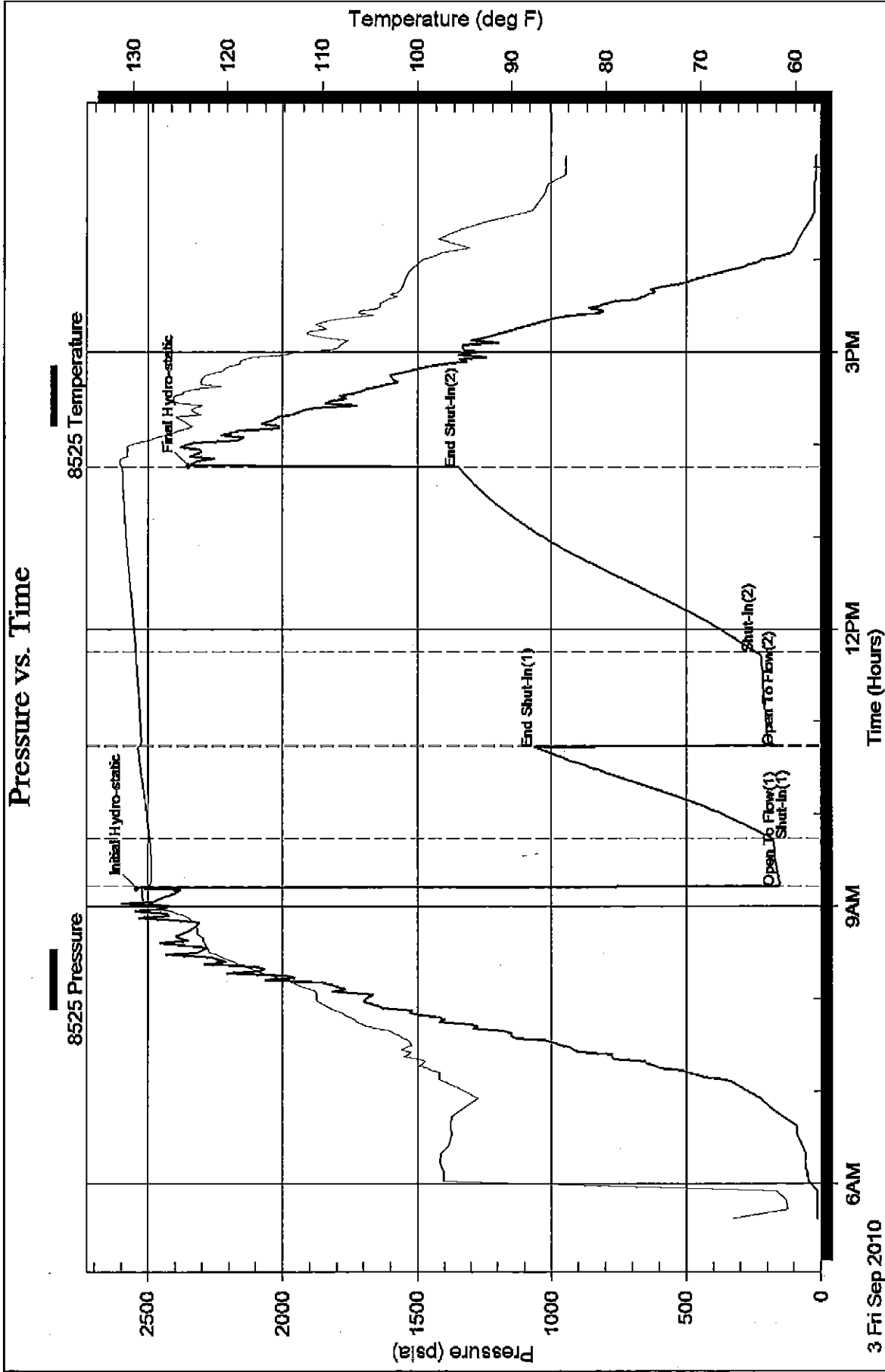
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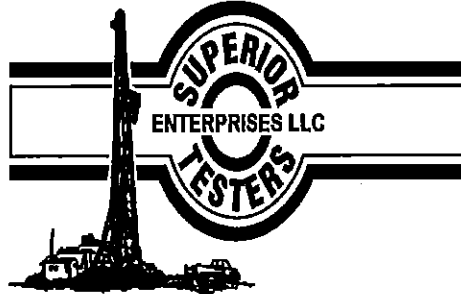
Outside

WOOLSEY OPERATING CO LLC

9-35S-12W BARBER

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **WOOLSEY OPERATING CO L.L.C**

125 N MARKET, SUITE #1000 WICHITA
KS 67202

ATTN: ROGER MARTIN

9-35S-12W BARBER

WECKWORTH #2

Start Date: 2010.09.05 @ 13:53:00

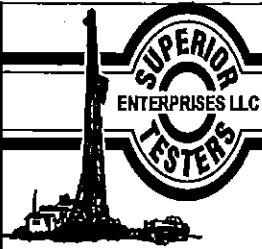
End Date: 2010.09.06 @ 02:49:30

Job Ticket #: 16054 DST #: 2

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

Printed: 2010.09.06 @ 03:10:41

WOOLSEY OPERATING CO L.L.C
WECKWORTH #2
9-35S-12W BARBER
DST # 2
SIMPSON
2010.09.06



DRILL STEM TEST REPORT

WOOLSEY OPERATING CO L.L.C

WECKWORTH #2

125 N MAROKET, SUITE #1000 WCHITS KS
67202

9-35S-12W BARBER

Job Ticket: 16054 DST#: 2

ATTN: ROGER MARTIN

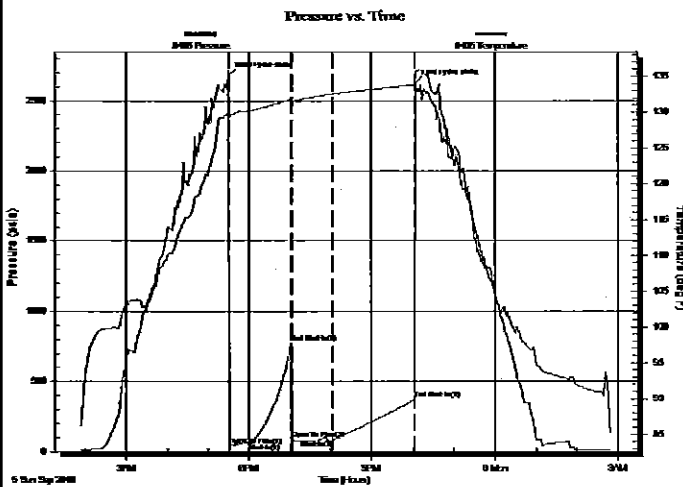
Test Start: 2010.09.05 @ 13:53:00

GENERAL INFORMATION:

Formation: **SIMPSON**
 Deviated: **No Whipstock:** ft (KB)
 Time Tool Opened: 17:30:30
 Time Test Ended: 02:49:30
 Interval: **5383.00 ft (KB) To 5401.00 ft (KB) (TVD)**
 Total Depth: **5401.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Fair**
 Test Type: **Conventional Bottom Hole (Initial)**
 Tester: **JARED SCHECK**
 Unit No: **3320- PRATT-115**
 Reference Elevations: **1418.00 ft (KB)**
1409.00 ft (CF)
 KB to GR/CF: **9.00 ft**

Serial #: 8405 Inside
 Press@RunDepth: **83.27 psia @ 5397.00 ft (KB)** Capacity: **5000.00 psia**
 Start Date: **2010.09.05** End Date: **2010.09.06** Last Calib.: **2010.09.06**
 Start Time: **13:53:00** End Time: **02:49:30** Time On Blm: **2010.09.05 @ 17:30:00**
 Time Off Blm: **2010.09.05 @ 22:04:00**

TEST COMMENT: 30/INITIAL OPEN:VERY WEAK SURFACE BLOW STAYED STEADY THROUGHOUT OPEN
 60/INITIAL SHUT IN:NO BLOW BACK
 60/FINAL OPEN:WEAK SURFACE BLOW BUILT BOTTOM OF BUCKKET WATER IN 58 MINUTES
 120/FINAL SHUT IN:NO BLOW BACK



PRESSURE SUMMARY

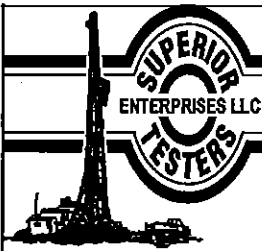
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2677.33	130.12	Initial Hydro-static
1	43.34	129.36	Open To Flow (1)
30	60.94	130.21	Shut-in(1)
93	777.83	131.84	End Shut-in(1)
94	92.01	131.53	Open To Flow (2)
155	83.27	132.55	Shut-in(2)
273	372.18	133.87	End Shut-in(2)
274	2627.85	135.54	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	SLIGHTLEY OIL CUT MUD 2 %OIL 98%10.30	

Gas Rates

	Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)



DRILL STEM TEST REPORT

WOOLSEY OPERATING CO L.L.C

WECKWORTH #2

125 N MARKET, SUITE #1000 WICHITA KS
67202

9-35S-12W BARBER

Job Ticket: 16054 DST#: 2

ATTN: ROGER MARTIN

Test Start: 2010.09.05 @ 13:53:00

GENERAL INFORMATION:

Formation: **SIMPSON**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:30:30

Time Test Ended: 02:49:30

Test Type: Conventional Bottom Hole (Initial)

Tester: JARED SCHECK

Unit No: 3320- PRATT-115

Interval: 5383.00 ft (KB) To 5401.00 ft (KB) (TVD)

Total Depth: 5401.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1418.00 ft (KB)

1409.00 ft (CF)

KB to GRVCF: 9.00 ft

Serial #: 8525

Outside

Press@RunDepth: 370.21 psia @ 5398.00 ft (KB)

Capacity: 5000.00 psia

Start Date: 2010.09.05

End Date:

2010.09.06

Last Calib.:

2010.09.06

Start Time:

13:53:00

End Time:

02:49:00

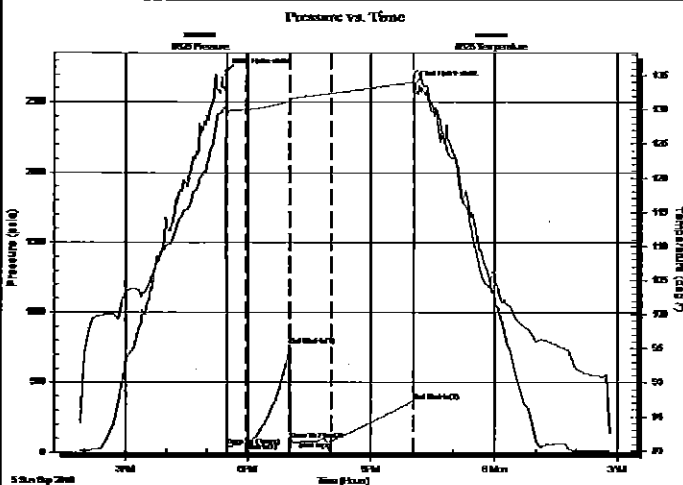
Time On Blm:

2010.09.05 @ 17:28:30

Time Off Blm:

2010.09.05 @ 22:03:00

TEST COMMENT: 30/INITIAL OPEN:VERY WEAK SURFACE BLOW STAYED STEADY THROUGHOUT OPEN
60/INITIAL SHUT IN:NO BLOW BACK
60/FINAL OPEN:WEAK SURFACE BLOW BUILT BOTTOM OF BUCKET WATER IN 58 MINUTES
120/FINAL SHUT IN:NO BLOW BACK



PRESSURE SUMMARY

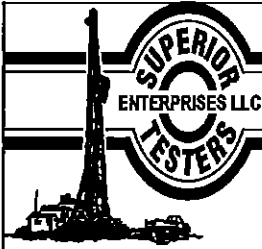
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2719.58	130.27	Initial Hydro-static
2	42.73	129.63	Open To Flow (1)
28	73.87	130.03	Shut-in(1)
93	767.66	131.28	End Shut-in(1)
95	90.41	131.40	Open To Flow (2)
154	79.69	132.37	Shut-in(2)
273	370.21	134.02	End Shut-in(2)
275	2628.14	135.25	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	SLIGHTLEY OIL CUT MUD 2%OIL 98%I0.30	

Gas Rates

	Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)



DRILL STEM TEST REPORT

TOOL DIAGRAM

WOOLSEY OPERATING CO L.L.C

WECKWORTH #2

125 N MAROKET, SUITE #1000 WCHITS KS
67202

9-35S-12W BARBER

Job Ticket: 16054

DST#: 2

ATTN: ROGER MARTIN

Test Start: 2010.09.05 @ 13:53:00

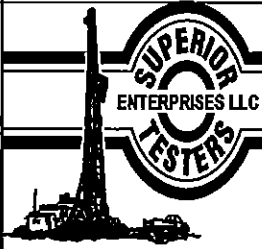
Tool Information

Drill Pipe:	Length: 5132.00 ft	Diameter: 3.80 inches	Volume: 71.99 bbl	Tool Weight: 1000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 240.00 ft	Diameter: 2.25 inches	Volume: 1.18 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 73.17 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	5383.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	18.00 ft			
Tool Length:	47.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			5355.00	
Shut-In Tool	5.00			5360.00	
Hydrolic Tool	5.00			5365.00	
Jars	6.00			5371.00	
Safety Joint	2.00			5373.00	
Packer	5.00			5378.00	29.00 Bottom Of Top Packer
Packer	5.00			5383.00	
Perforations	13.00			5396.00	
Recorder	1.00	8405	Inside	5397.00	
Recorder	1.00	8525	Outside	5398.00	
Bullnose	3.00			5401.00	18.00 Bottom Packers & Anchor

Total Tool Length: 47.00



DRILL STEM TEST REPORT

FLUID SUMMARY

WOOLSEY OPERATING CO L.L.C

WECKWORTH #2

125 N MARKET, SUITE #1000 WCHITS KS
67202

9-35S-12W BARBER

Job Ticket: 16054

DST#: 2

ATTN: ROGER MARTIN

Test Start: 2010.09.05 @ 13:53:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 52.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.80 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psia		
Salinity: 4500.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	SLIGHTLEY OIL CUT MUD 2 %OIL 98%MUD	0.295

Total Length: 60.00 ft Total Volume: 0.295 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:

DST Test Number: 2

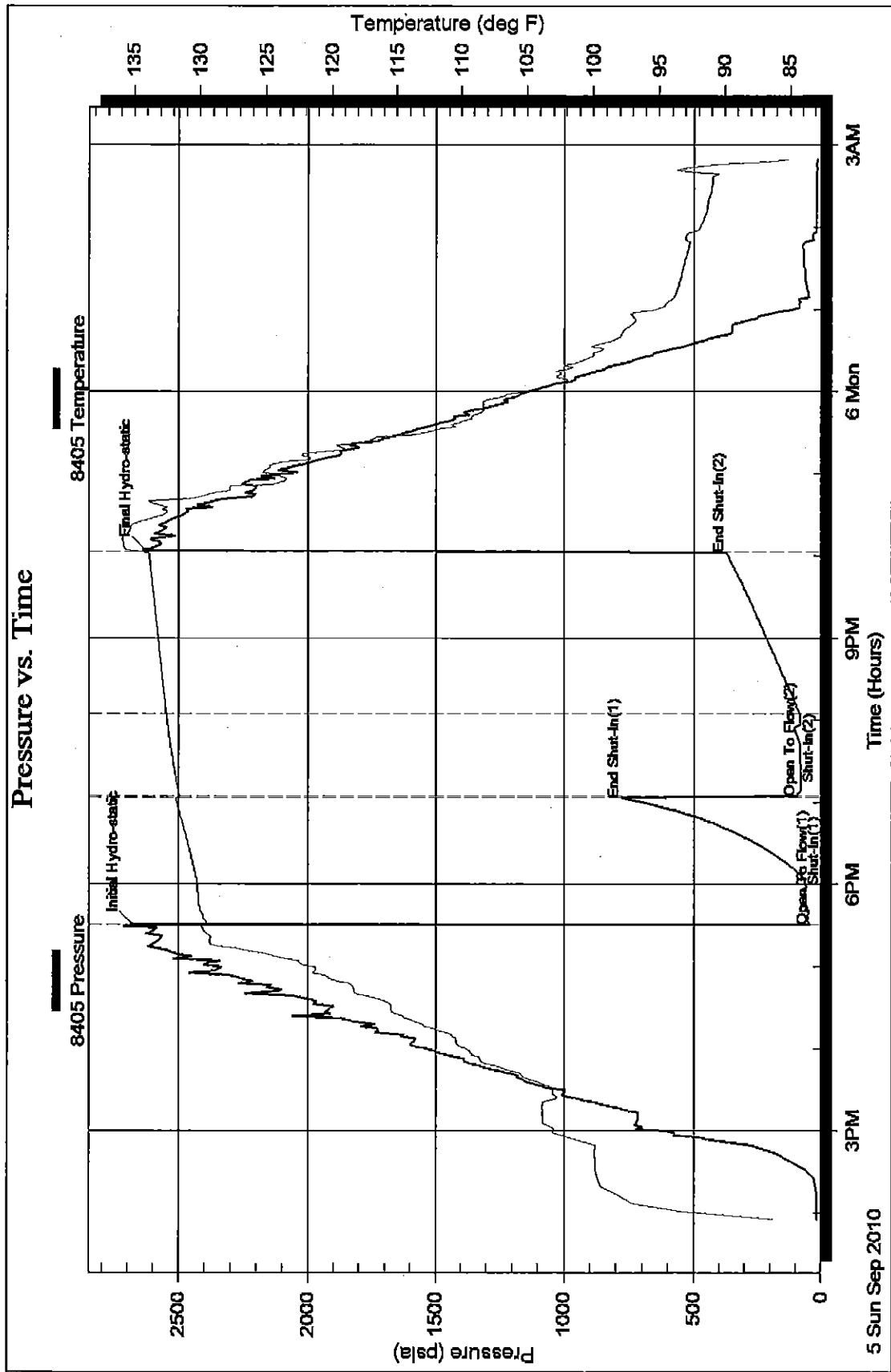
9-35S-12W BARBER

WOOLSEY OPERATING CO.L.L.C

Inside

Serial #: 8405

Pressure vs. Time

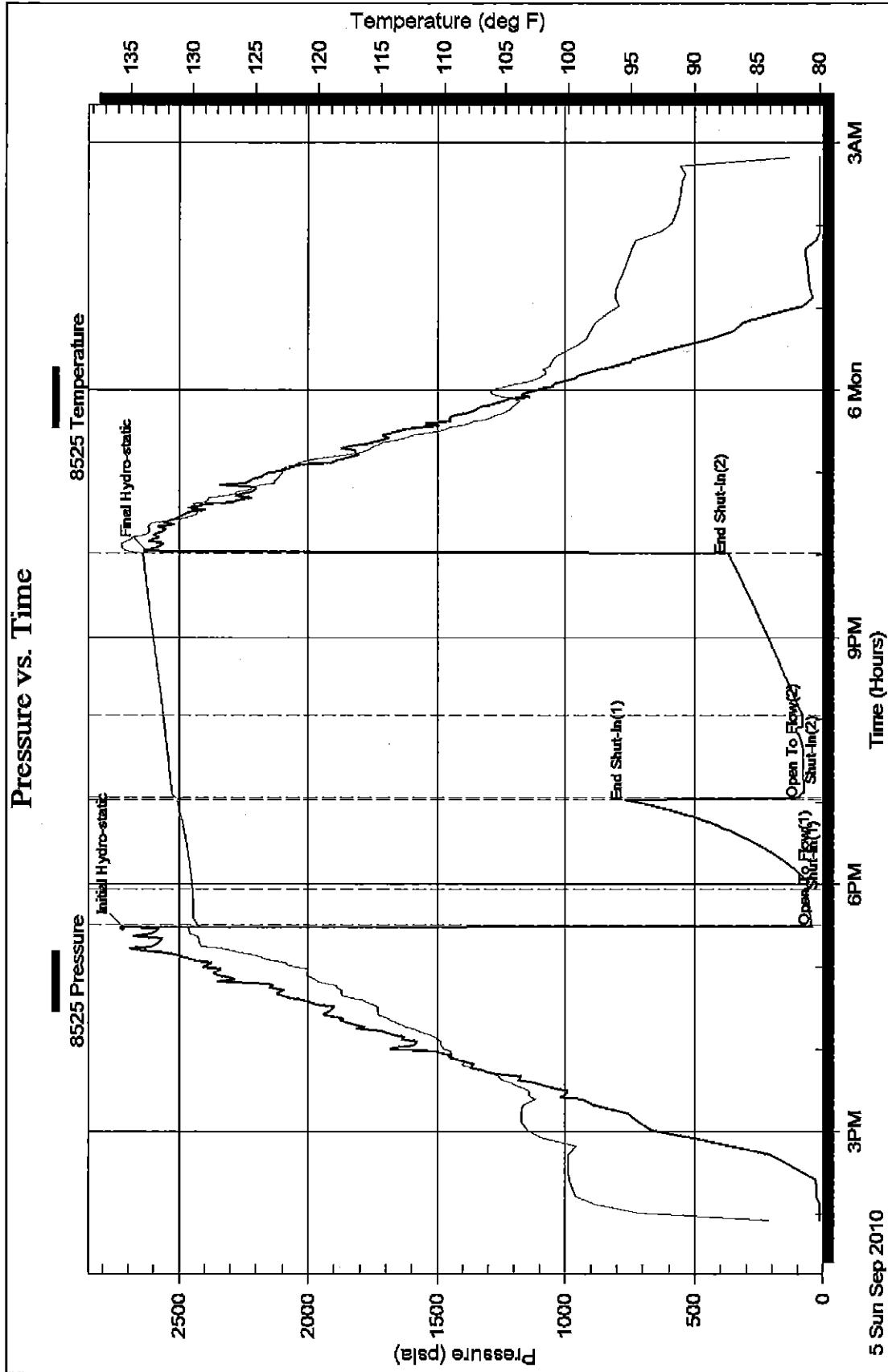


Printed: 2010.09.06 @ 03:10:43

Ref. No: 16054

Superior Testers Enterprises LLC

Pressure vs. Time



ALLIED CEMENTING CO., LLC. 037041

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Medicine Lodge, KS

DATE <u>8-27-2010</u>	SEC. <u>9</u>	TWP. <u>35S</u>	RANGE <u>13W</u>	CALLED OUT <u>3:00 pm</u>	ON LOCATION <u>6:30pm</u>	JOB START <u>10:30pm</u>	JOB FINISH <u>11:00pm</u>
Weckworth LEASE		WELL# <u>2</u>	LOCATION <u>Heratner, KS 3/4 E, S1/4</u>		COUNTY <u>Berber</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)							

CONTRACTOR Tomcat #1

TYPE OF JOB Surface

HOLE SIZE 14 3/4 T.D. 225'

CASING SIZE 10 3/4 DEPTH 225

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. 20'

PERFS. _____

DISPLACEMENT 2 1/2 bbls of fresh water

OWNER Woolsey Operatings

CEMENT

AMOUNT ORDERED 230 sk Class A + 3% cc + 2% G-1

EQUIPMENT

PUMP TRUCK CEMENTER Darin F

360-265 HELPER Matt T.

BULK TRUCK

363-250 DRIVER Jason T.

BULK TRUCK

_____ DRIVER _____

WELL FILE

- Regulatory Correspondence _____
- Dig / Comp Workovers _____
- Tests / Meters Operations _____

COMMON	<u>230 sk A</u>	@	<u>15.45</u>	<u>3553.50</u>
POZMIX		@		
GEL	<u>5 sk</u>	@	<u>20.00</u>	<u>104.00</u>
CHLORIDE	<u>8 sk</u>	@	<u>58.00</u>	<u>465.60</u>
ASC		@		
HANDLING	<u>243</u>	@	<u>2.40</u>	<u>583.20</u>
MILEAGE	<u>243 / .25 / .10</u>	@		<u>607.50</u>
TOTAL				<u>5,313.80</u>

REMARKS:

Pipe on bottom & break circulation
Pump 3 bbls fresh water ahead, mix
230sk of cement, Displace 2 1/2 bbls
of fresh water, Shut in, cement did
circulate

SERVICE

DEPTH OF JOB	<u>225'</u>		
PUMP TRUCK CHARGE	<u>1018.00</u>		
EXTRA FOOTAGE		@	
MILEAGE	<u>25</u>	@	<u>7.00</u> <u>175.00</u>
MANIFOLD		@	
<u>Shut-in & Drive</u>		@	

TOTAL 1193.00

CHARGE TO: Woolsey Operatings

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

<u>none</u>	@	
	@	
	@	
	@	

TOTAL _____

To Allied Cementing Co., LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME X MIKE THARP

SIGNATURE X [Signature]

SALES TAX (If Any) _____

TOTAL CHARGES [Crossed out]

DISCOUNT _____ IF PAID IN 30 DAYS

Thank You!!!

SEP 23 2010

