

35-9s-26w

Township is 9, not 5
as listed within.



DRILL STEM TEST REPORT

Prepared For: **ANDERSON, ANDY DBG A&A PRODUCTION**

PO BOX 100 HILL CITY KS
67642+0100

ATTN: SCOTT. A

⁹
35-5-26W SHERIDAN

BREEDEN #2-35

Start Date: 2010.04.26 @ 13:45:00

End Date: 2010.04.26 @ 20:54:00

Job Ticket #: 16324

DST #: 1

15-179-21252

Superior Testers Enterprises LLC

PO Box 138 Great Bend KS 67530

1-800-792-6902

Printed: 2010.04.26 @ 21:15:36

ANDERSON, ANDY DBG A&A PRODUCTION
BREEDEN #2-35
35-5-26W SHERIDAN
DST # 1
"A" ZONE
2010.04.26



DRILL STEM TEST REPORT

ANDERSON, ANDY DBG A&A PRODUCTION

BREEDEN #2-35

PO BOX 100 HILL CITY KS
67642-0100

35-5-26W SHERIDAN

ATTN: SCOTT. A

Job Ticket: 16324

DST#: 1

Test Start: 2010.04.26 @ 13:45:00

GENERAL INFORMATION:

Formation: "A" ZONE

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:02:30

Time Test Ended: 20:54:00

Interval: 3778.00 ft (KB) To 3856.00 ft (KB) (TVD)

Total Depth: 3856.00 ft (KB) (TVD)

Hole Diameter: 6.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole (Initial)

Tester: JARED SCHECK

Unit No: 3320-GB-246

Reference Elevations: 2567.00 ft (KB)

2562.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8405

Inside

Press@RunDepth: 224.55 psia @ 3852.00 ft (KB)

Start Date: 2010.04.26

End Date:

2010.04.26

Start Time: 13:45:00

End Time:

20:54:00

Capacity: 5000.00 psia

Last Calib.: 2010.04.26

Time On Btm: 2010.04.26 @ 16:01:30

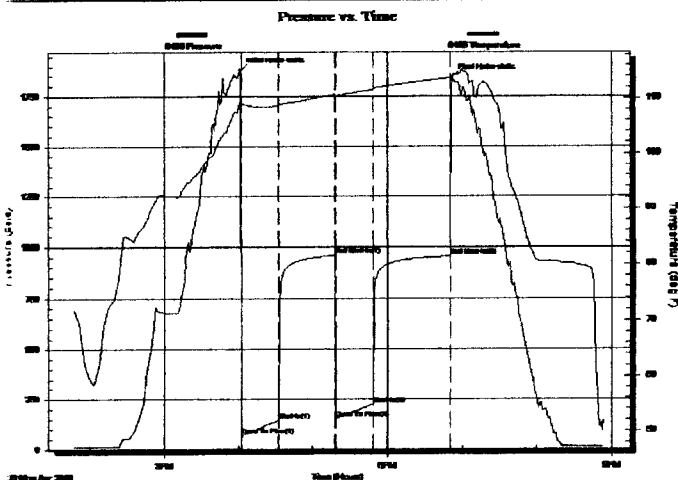
Time Off Btm: 2010.04.26 @ 18:52:00

TEST COMMENT: 30/INITIAL OPEN: FAIR BLOW BUILT BOTTOM OF BUCKET IN 20 MINUTES

45/INITIAL SHUT IN: NO BLOW BACK

30/FINAL OPEN: FAIR BLOW BUILT BOTTOM OF BUCKET IN 22 MINUTES

60/FINAL SHUT IN: NO BLOW BACK



PRESSURE SUMMARY

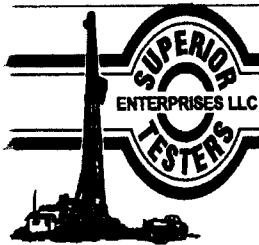
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1881.67	109.54	Initial Hydro-static
1	66.89	109.04	Open To Flow (1)
31	145.62	108.64	Shut-In (1)
77	958.28	110.62	End Shut-In (1)
77	152.08	110.29	Open To Flow (2)
107	224.55	111.55	Shut-In (2)
169	953.22	113.72	End Shut-In (2)
171	1844.50	113.52	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
50.00	WATER 50%M 50%W	0.25
60.00	WATER 40%M 60%W	0.30
240.00	WATER 30%M 70%W	1.18

Gas Rates

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

ANDERSON, ANDY DBG A&A PRODUCTION

BREEDEN #2-35

PO BOX 100 HILL CITY KS
67642+0100

35-5-26W SHERIDAN

Job Ticket: 16324

DST#: 1

ATTN: SCOTT. A

Test Start: 2010.04.26 @ 13:45:00

GENERAL INFORMATION:

Formation: "A" ZONE

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:02:30

Time Test Ended: 20:54:00

Test Type: Conventional Bottom Hole (Initial)

Tester: JARED SCHECK

Unit No: 3320-GB-246

Interval: 3778.00 ft (KB) To 3856.00 ft (KB) (TVD)

Total Depth: 3856.00 ft (KB) (TVD)

Hole Diameter: 6.88 inches Hole Condition: Fair

Reference Elevations: 2567.00 ft (KB)

2562.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8419

Outside

Press@RunDepth: 954.30 psia @ 3853.00 ft (KB)

Capacity: 5000.00 psia

Start Date: 2010.04.26

End Date:

2010.04.26

Last Calib.:

2010.04.26

Start Time: 13:45:00

End Time:

20:08:00

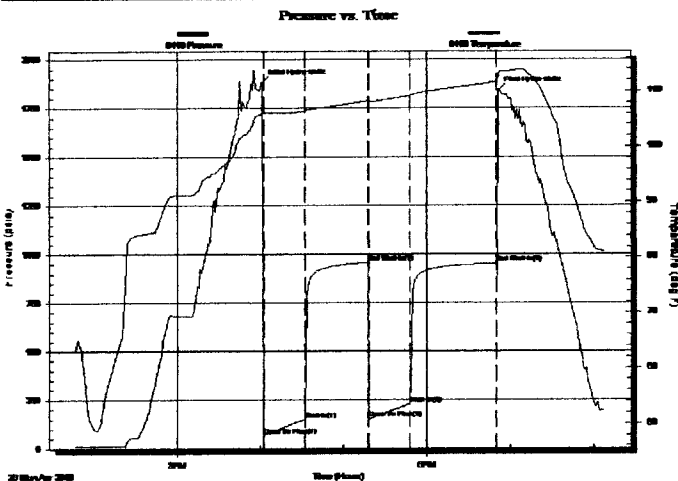
Time On Btm:

2010.04.26 @ 16:01:30

Time Off Btm:

2010.04.26 @ 18:51:30

TEST COMMENT: 30/INITIAL OPEN: FAIR BLOW BUILT BOTTOM OF BUCKET IN 20 MINUTES
45/INITIAL SHUT IN: NO BLOW BACK
30/FINAL OPEN: FAIR BLOW BUILT BOTTOM OF BUCKET IN 22 MINUTES
60/FINAL SHUT IN: NO BLOW BACK



PRESSURE SUMMARY

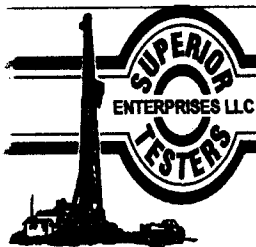
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1879.44	106.29	Initial Hydro-static
1	66.31	105.98	Open To Flow (1)
31	148.63	106.33	Shut-In (1)
76	959.22	108.25	End Shut-In (1)
77	151.28	108.08	Open To Flow (2)
107	226.83	109.16	Shut-In (2)
169	954.30	111.58	End Shut-In (2)
170	1838.50	113.18	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
50.00	WATER 50%M 50%W	0.25
60.00	WATER 40%M 60%W	0.30
240.00	WATER 30%M 70%W	1.18

Gas Rates

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

TOOL DIAGRAM

ANDERSON, ANDY DBG A&A PRODUCTION

BREEDEN #2-35

PO BOX 100 HILL CITY KS
67642+0100

35-5-26W SHERIDAN

Job Ticket: 16324

DST#: 1

ATTN: SCOTT. A

Test Start: 2010.04.26 @ 13:45:00

Tool Information

Drill Pipe:	Length: 3766.00 ft	Diameter: 2.25 inches	Volume: 18.52 bbl	Tool Weight: 10000.00 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 55000.00 lb
			Total Volume: 18.52 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial 45000.00 lb
Depth to Top Packer:	3778.00 ft			Final 45000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	78.00 ft			
Tool Length:	99.00 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			3758.00	
Shut-In Tool	5.00			3763.00	
Hydraulic Tool	5.00			3768.00	
Recorder	5.00			3773.00	
Packer	5.00			3778.00	21.00 Bottom Of Top Packer
Change Over Sub	0.75			3778.75	
Drill Pipe	31.50			3810.25	
Change Over Sub	0.75			3811.00	
Perforations	40.00			3851.00	
Recorder	1.00	8405	Inside	3852.00	
Recorder	1.00	8419	Outside	3853.00	
Bullnose	3.00			3856.00	78.00 Anchor Tool
Total Tool Length:		99.00			



DRILL STEM TEST REPORT

FLUID SUMMARY

ANDERSON, ANDY DBG A&A PRODUCTION

BREEDEN #2-35

PO BOX 100 HILL CITY KS
67642+0100

35-5-26W SHERIDAN

Job Ticket: 16324

DST#: 1

ATTN: SCOTT. A

Test Start: 2010.04.26 @ 13:45:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 62.00 sec/qt

Water Loss: 7.99 in³

Resistivity: ohm.m

Salinity: 1200.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psia

Oil API:

Water Salinity:

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
50.00	WATER 50%M 50%W	0.246
60.00	WATER 40%M 60%W	0.295
240.00	WATER 30%M 70%W	1.180

Total Length: 350.00 ft Total Volume: 1.721 bbl

Num Fluid Samples: 0

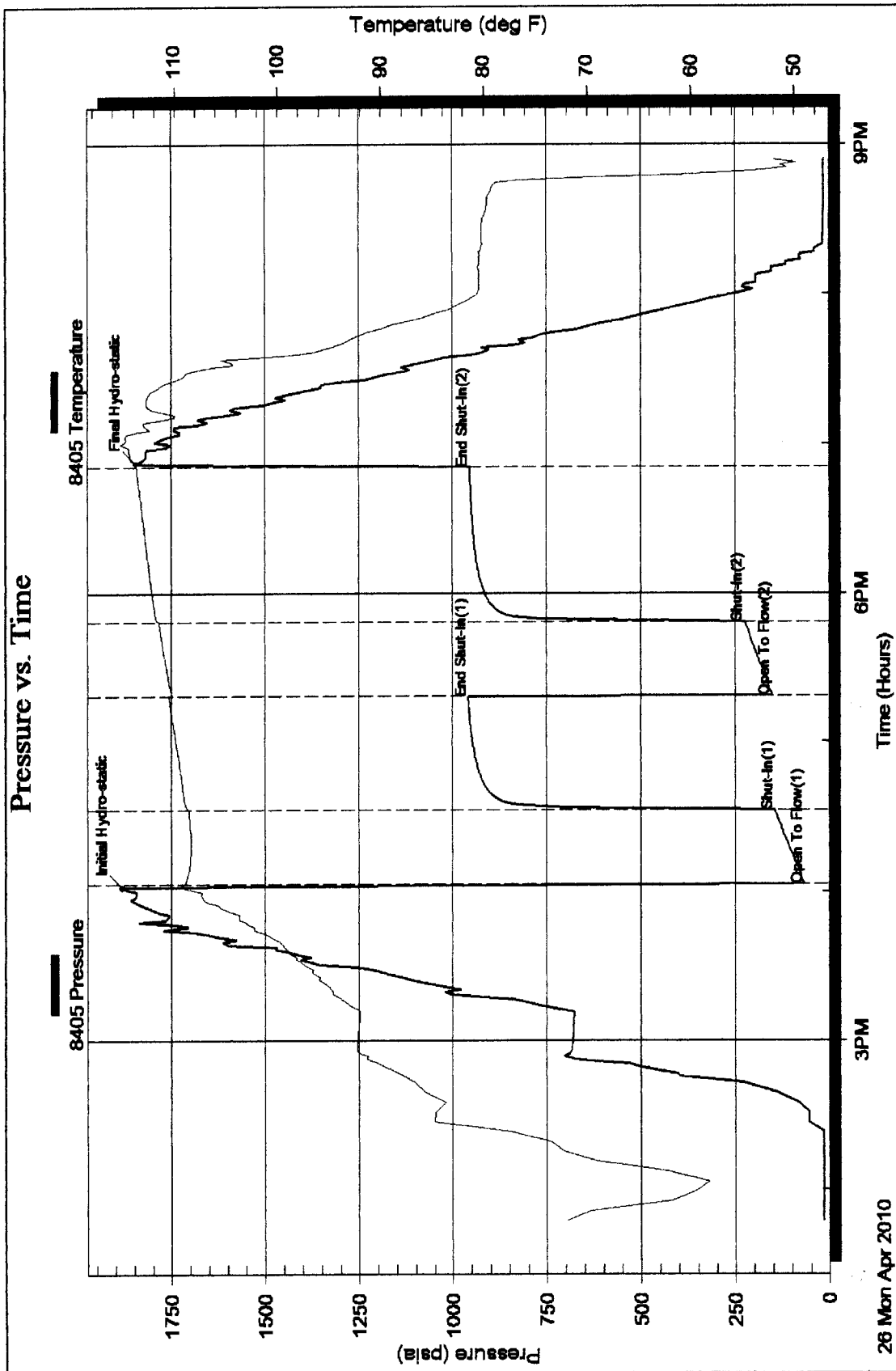
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: CHLORIDES 45,000



DST Test Number: 1

35-5-26W SHERIDAN

ANDERSON, ANDY DBG A&A PRODUCTION

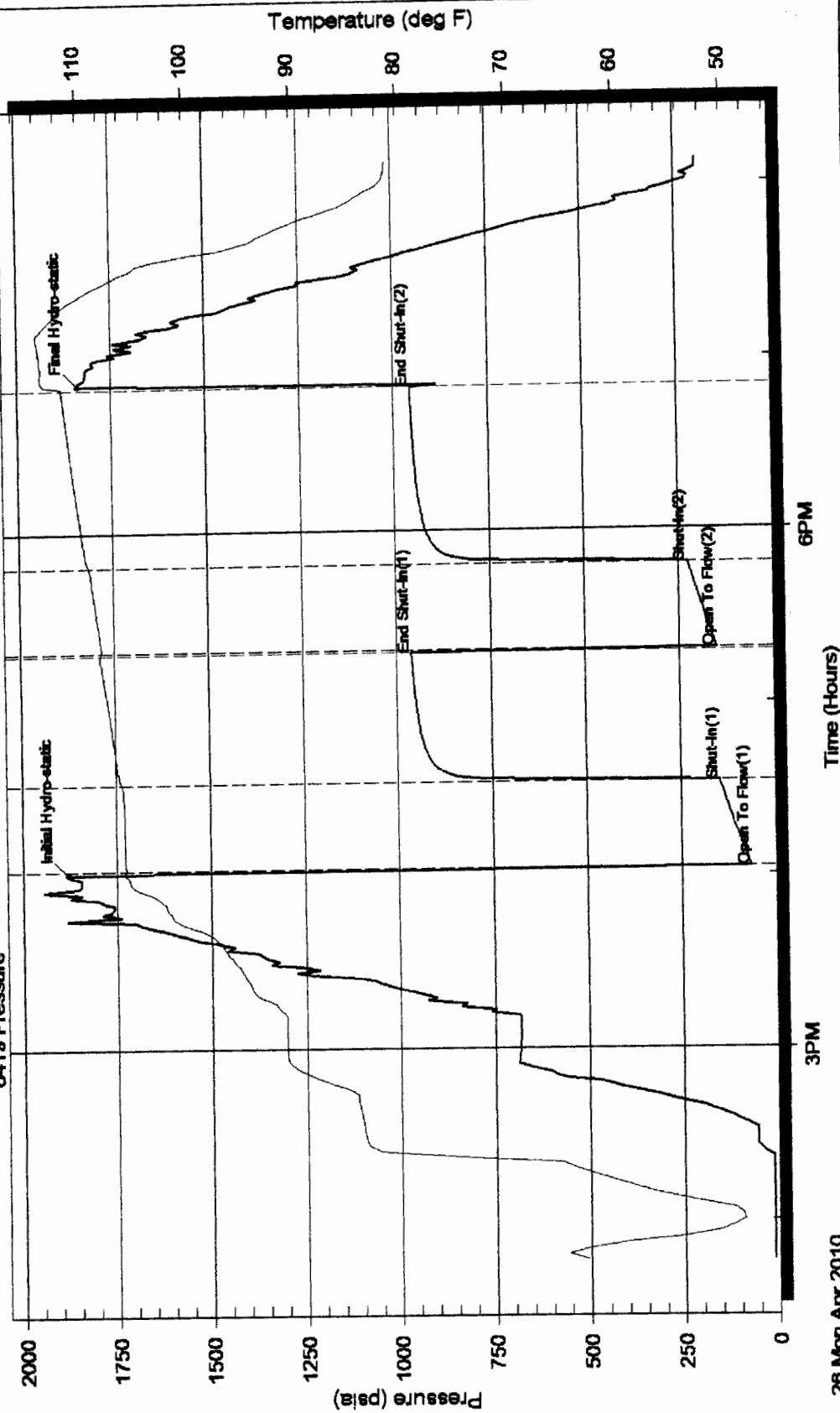
Outside

Serial #: 8419

Pressure vs. Time

8419 Pressure

8419 Temperature



Printed: 2010 04.26 @ 21:19:44

Ref. No: 16324

Superior Testers Enterprises LLC



DRILL STEM TEST REPORT

Prepared For: **ANDERSON, ANDY DBG A&A PRODUCTION**

PO BOX 100 HILL CITY KS
67642+0100

ATTN: SCOTT. A

35-5-26W SHERIDAN

BREEDEN #2-35

Start Date: 2010.04.27 @ 19:45:00

End Date: 2010.04.28 @ 01:31:30

Job Ticket #: 16325 DST #: 2

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

Printed: 2010.04.28 @ 02:01:22

ANDERSON, ANDY DBG A&A PRODUCTION

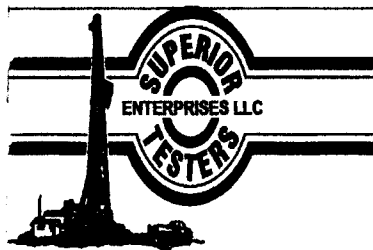
BREEDEN #2-35

35-5-26W SHERIDAN

DST # 2

LCK "H.I.I.J.K"

2010.04.27



DRILL STEM TEST REPORT

ANDERSON, ANDY DBG A&A PRODUCTION

BREEDEN #2-35

PO BOX 100 HILL CITY KS
67642+0100

35-5-26W SHERIDAN

Job Ticket: 16325

DST#: 2

ATTN: SCOTT. A

Test Start: 2010.04.27 @ 19:45:00

GENERAL INFORMATION:

Formation: LCK "H" J'K

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:29:00

Time Test Ended: 01:31:30

Test Type: Conventional Bottom Hole (Initial)

Tester: JARED SCHECK

Unit No: 3320- GB - 246

Interval: 3928.00 ft (KB) To 4035.00 ft (KB) (TVD)

Total Depth: 4035.00 ft (KB) (TVD)

Hole Diameter: 6.88 inches Hole Condition: Poor

Reference Elevations: 2567.00 ft (KB)

2562.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8405

Inside

Press@RunDepth: 96.12 psia @ 4031.00 ft (KB)

Capacity: 5000.00 psia

Start Date: 2010.04.27

End Date:

2010.04.28

Last Calib.:

2010.04.28

Start Time: 19:45:00

End Time:

01:31:30

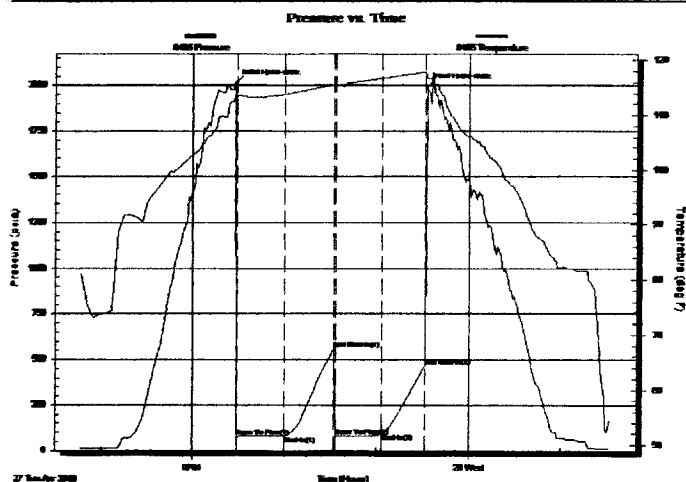
Time On Btrr:

2010.04.27 @ 21:28:00

Time Off Btrr:

2010.04.27 @ 23:32:30

TEST COMMENT: 30/INITIAL OPEN: VERY WEAK SURFACE BLOW BUILT 1/4 INCH INTO WATER IN 30 MINUTES
30/INITIAL SHUT IN: NO BLOW BACK
30/FINAL OPEN: NO BLOW FLUSHED TOOL 10 MINUTES INTO OPEN GOOD SURGE DID NOT BUILD
30/FINAL SHUT IN: NO BLOW BACK



PRESSURE SUMMARY

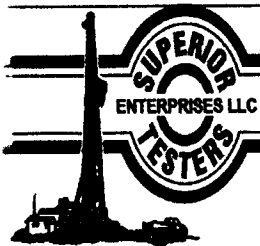
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2012.35	113.75	Initial Hydro-static
1	77.71	113.63	Open To Flow (1)
32	79.21	113.78	Shut-In (1)
65	559.09	115.54	End Shut-In (1)
66	79.65	115.39	Open To Flow (2)
96	96.12	116.72	Shut-In (2)
124	467.05	117.89	End Shut-In (2)
125	1990.46	116.60	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	MUD	0.14

Gas Rates

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

ANDERSON, ANDY DBG A&A PRODUCTION

BREEDEN #2-35

PO BOX 100 HILL CITY KS
67642+0100

35-5-26W SHERIDAN

Job Ticket: 16325

DST#: 2

ATTN: SCOTT. A

Test Start: 2010.04.27 @ 19:45:00

GENERAL INFORMATION:

Formation: LCK "H" J'K

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:29:00

Time Test Ended: 01:31:30

Test Type: Conventional Bottom Hole (Initial)

Tester: JARED SCHECK

Unit No: 3320- GB - 246

Interval: 3928.00 ft (KB) To 4035.00 ft (KB) (TVD)

Reference Elevations: 2567.00 ft (KB)

Total Depth: 4035.00 ft (KB) (TVD)

2562.00 ft (CF)

Hole Diameter: 6.88 inches Hole Condition: Poor

KB to GR/CF: 5.00 ft

Serial #: 8419

Outside

Press@RunDepth: 467.06 psia @ 4032.00 ft (KB)

Capacity: 5000.00 psia

Start Date: 2010.04.27

End Date:

2010.04.28

Last Calib.: 2010.04.28

Start Time: 19:45:00

End Time:

00:45:30

Time On Btm: 2010.04.27 @ 21:28:30

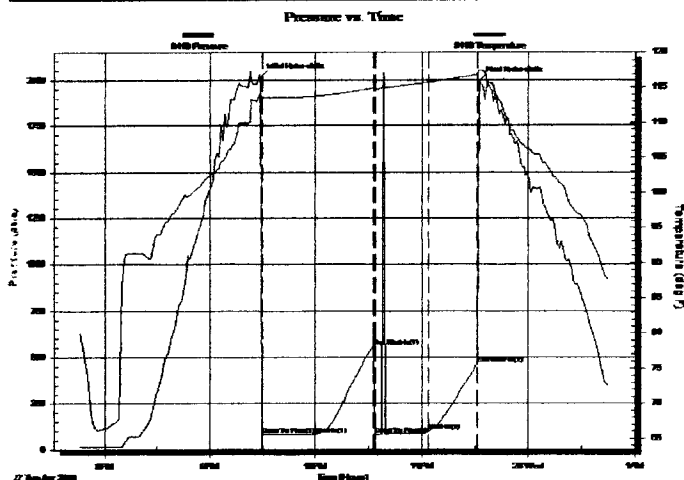
Time Off Btm: 2010.04.27 @ 23:32:30

TEST COMMENT: 30/INITIAL OPEN: VERY WEAK SURFACE BLOW BUILT 1/4 INCH INTO WATER IN 30 MINUTES

30/INITIAL SHUT IN: NO BLOW BACK

30/FINAL OPEN: NO BLOW FLUSHED TOOL 10 MINUTES INTO OPEN GOOD SURGE DID NOT BUILD

30/FINAL SHUT IN: NO BLOW BACK



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2017.80	114.16	Initial Hydro-static
1	77.79	113.58	Open To Flow (1)
32	79.05	113.80	Shut-In (1)
64	558.88	114.91	End Shut-In (1)
65	79.40	114.80	Open To Flow (2)
96	98.92	115.81	Shut-In (2)
123	467.06	116.87	End Shut-In (2)
124	1994.61	117.49	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	MUD	0.14

Gas Rates

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

TOOL DIAGRAM

ANDERSON, ANDY DBG A&A PRODUCTION

BREEDEN #2-35

PO BOX 100 HILL CITY KS
67642+0100

35-5-26W SHERIDAN

Job Ticket: 16325

DST#: 2

ATTN: SCOTT. A

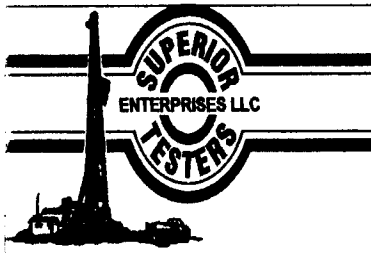
Test Start: 2010.04.27 @ 19:45:00

Tool Information

Drill Pipe:	Length: 3923.00 ft	Diameter: 3.80 inches	Volume: 55.03 bbl	Tool Weight:	10000.00 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	60000.00 lb
			Total Volume: 55.03 bbl	Tool Chased	1.50 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial	45000.00 lb
Depth to Top Packer:	3928.00 ft			Final	45000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	107.00 ft				
Tool Length:	128.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments: TOOL CHASED 1.5 FEET TO BOTTOM

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			3908.00		
Shut-In Tool	5.00			3913.00		
Hydraulic Tool	5.00			3918.00		
Recorder	5.00			3923.00		
Packer	5.00			3928.00	21.00	Bottom Of Top Packer
Change Over Sub	0.75			3928.75		
Drill Pipe	57.50			3986.25		
Change Over Sub	0.75			3987.00		
Perforations	43.00			4030.00		
Recorder	1.00	8405	Inside	4031.00		
Recorder	1.00	8419	Outside	4032.00		
Bullnose	3.00			4035.00	107.00	Anchor Tool
Total Tool Length:		128.00				



DRILL STEM TEST REPORT

FLUID SUMMARY

ANDERSON, ANDY DBG A&A PRODUCTION

BREEDEN #2-35

PO BOX 100 HILL CITY KS
67642+0100

35-5-26W SHERIDAN

Job Ticket: 16325

DST#: 2

ATTN: SCOTT. A

Test Start: 2010.04.27 @ 19:45:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 53.00 sec/qt
Water Loss: 8.00 in³
Resistivity: ohm.m
Salinity: 2000.00 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
10.00	MUD	0.140

Total Length: 10.00 ft Total Volume: 0.140 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

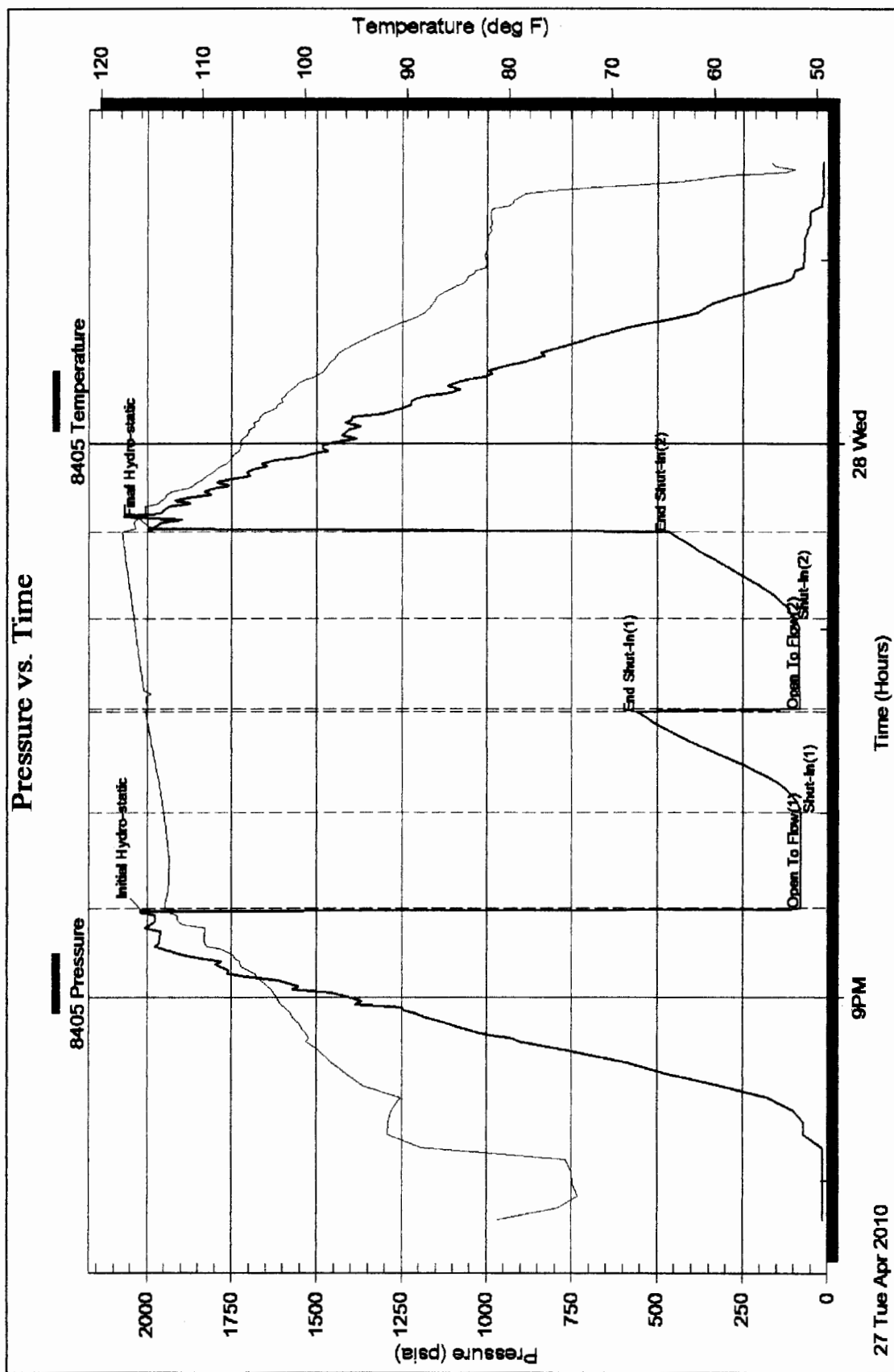
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: TOOL CHASED 1.5 FEET TO BOTTOM

DST Test Number: 2



Printed: 2010.04.28 @ 02:01:24

Pressure vs. Time

