

DRILL STEM TEST REPORT

Bird Dog Oil, LLC

23-19s-10w-Rice

1801 Broadway STE #450
Denver CO, 80202

Pioneer-Schubert

ATTN: Adam Kennedy

Job Ticket: 17556

DST#: 1

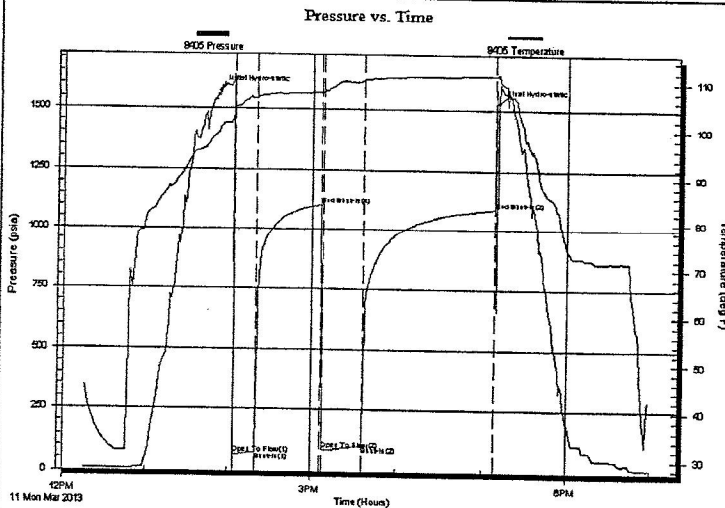
Test Start: 2013.03.11 @ 12:15:00

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 14:04:30
 Time Test Ended: 18:59:30
 Interval: **3210.00 ft (KB) To 3279.00 ft (KB) (TVD)**
 Total Depth: 3279.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Poor
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Shane Konzern
 Unit No: 3330- 50/ Great Bend
 Reference Elevations: 1746.00 ft (KB)
 1736.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 8405 Inside
 Press@RunDepth: 104.00 psia @ 3275.29 ft (KB) Capacity: 5000.00 psia
 Start Date: 2013.03.11 End Date: 2013.03.11 Last Calib.: 2013.03.11
 Start Time: 12:15:00 End Time: 18:59:30 Time On Btm: 2013.03.11 @ 13:53:30
 Time Off Btm: 2013.03.11 @ 17:11:00

TEST COMMENT: 1st Open/ 15 Minutes. Good blow built to bottom of bucket in 14 Minutes.
 1st Shut In/ 45 Minutes. Weak surface blow that died off after 7 minutes.
 2nd Open/ 30 Minutes. Good blow built to bottom of bucket in 7 minutes.
 2nd Shut In/ 90 Minutes. Weak surface blow that lasted 90 minutes.



PRESSURE SUMMARY

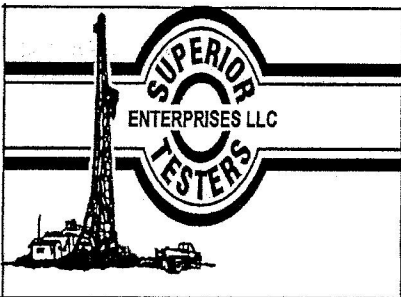
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1572.07	100.22	Initial Hydro-static
11	66.60	104.49	Open To Flow (1)
27	77.44	106.52	Shut-In(1)
73	1106.88	107.86	End Shut-In(1)
74	86.96	107.72	Open To Flow (2)
103	104.00	110.44	Shut-In(2)
195	1088.14	111.36	End Shut-In(2)
198	1525.75	111.49	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	992 feet of gass odor	0.00
30.00	Clean Oil	0.42
90.00	Oil cut Mud	1.26
0.00	30% Oil, 70% Mud	0.00

Gas Rates

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



DRILL STEM TEST REPORT

Bird Dog Oil, LLC
 1801 Broadway STE #450
 Denver CO, 80202
 ATTN: Adam Kennedy

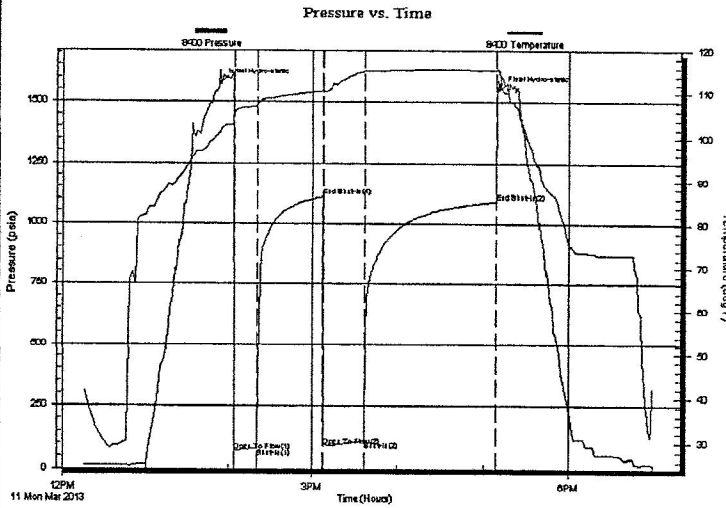
23-19s-10w-Rice
Pioneer-Schubert
 Job Ticket: 17556 DST#: 1
 Test Start: 2013.03.11 @ 12:15:00

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 14:04:30
 Time Test Ended: 18:59:30
 Interval: **3210.00 ft (KB) To 3279.00 ft (KB) (TVD)**
 Total Depth: **3279.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Poor**
 Test Type: **Conventional Bottom Hole (Initial)**
 Tester: **Shane Konzern**
 Unit No: **3330- 50/ Great Bend**
 Reference Elevations: **1746.00 ft (KB)**
1736.00 ft (CF)
KB to GRVCF: 10.00 ft

Serial #: 8400 Outside
 Press@RunDepth: **1088.00 psia @ 3276.29 ft (KB)** Capacity: **5000.00 psia**
 Start Date: **2013.03.11** End Date: **2013.03.11** Last Calib.: **2013.03.11**
 Start Time: **12:15:00** End Time: **18:59:30** Time On Btm: **2013.03.11 @ 13:54:00**
 Time Off Btm: **2013.03.11 @ 17:11:30**

TEST COMMENT: 1st Open/ 15 Minutes. Good blow built to bottom of bucket in 14 Minutes.
 1st Shut In/ 45 Minutes. Weak surface blow that died off after 7 minutes.
 2nd Open/ 30 Minutes. Good blow built to bottom of bucket in 7 minutes.
 2nd Shut In/ 90 Minutes. Weak surface blow that lasted 90 minutes.



PRESSURE SUMMARY

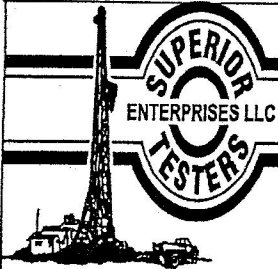
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1574.04	102.12	Initial Hydro-static
11	67.84	105.79	Open To Flow (1)
27	80.96	107.27	Shut-In(1)
73	1106.50	110.68	End Shut-In(1)
74	87.94	110.22	Open To Flow (2)
103	108.12	115.16	Shut-In(2)
195	1088.00	115.47	End Shut-In(2)
198	1546.35	114.06	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	992 feet of gass odor	0.00
30.00	Clean Oil	0.42
90.00	Oil cut Mud	1.26
0.00	30% Oil. 70% Mud	0.00

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

Bird Dog Oil, LLC

23-19s-10w-Rice

1801 Broadway STE#450
Denver CO, 80202

Pioneer-Schubert

Job Ticket: 17556

DST#:1

ATTN: Adam Kennedy

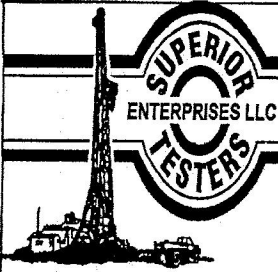
Test Start: 2013.03.11 @ 12:15:00

Tool Information

Drill Pipe:	Length: 3185.00 ft	Diameter: 3.80 inches	Volume: 44.68 bbl	Tool Weight: 2000.00 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: 46000.00 lb
			<u>Total Volume: 44.68 bbl</u>	Tool Chased 2.00 ft
Drill Pipe Above KB:	3.00 ft			String Weight: Initial 24000.00 lb
Depth to Top Packer:	3210.00 ft			Final 26000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	69.29 ft			
Tool Length:	97.29 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
SHut-InTool	5.00		Inside	3187.00	
Hydrolic Tool	5.00			3192.00	
Jars	6.00			3198.00	
Safety Joint	2.00			3200.00	
Packer	5.00			3205.00	28.00 Bottom Of Top Packer
Packer	5.00			3210.00	
Anchor	5.00			3215.00	
Change Over Sub	0.75			3215.75	
Drill Pipe	32.79		Outside	3248.54	
Change Over Sub	0.75		Outside	3249.29	
Anchor	25.00			3274.29	
Recorder	1.00	8405	Inside	3275.29	
Recorder	1.00	8400	Outside	3276.29	
Bullnose	3.00			3279.29	69.29 Bottom Packers & Anchor
Total Tool Length:	97.29				



DRILL STEM TEST REPORT

FLUID SUMMARY

Bird Dog Oil, LLC

23-19s-10w-Rice

1801 Broadway STE #450
Denver CO, 80202

Pioneer-Schubert

Job Ticket: 17556

DST#: 1

ATTN: Adam Kennedy

Test Start: 2013.03.11 @ 12:15:00

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:	46.00 sec/qt	Cushion Volume:	bbbl		
Water Loss:	7.99 in ³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psia		
Salinity:	7000.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	992 feet of gass odor	0.000
30.00	Clean Oil	0.421
90.00	Oil cut Mud	1.262
0.00	30% Oil. 70% Mud	0.000

Total Length: 120.00 ft Total Volume: 1.683 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

DST Test Number: 1

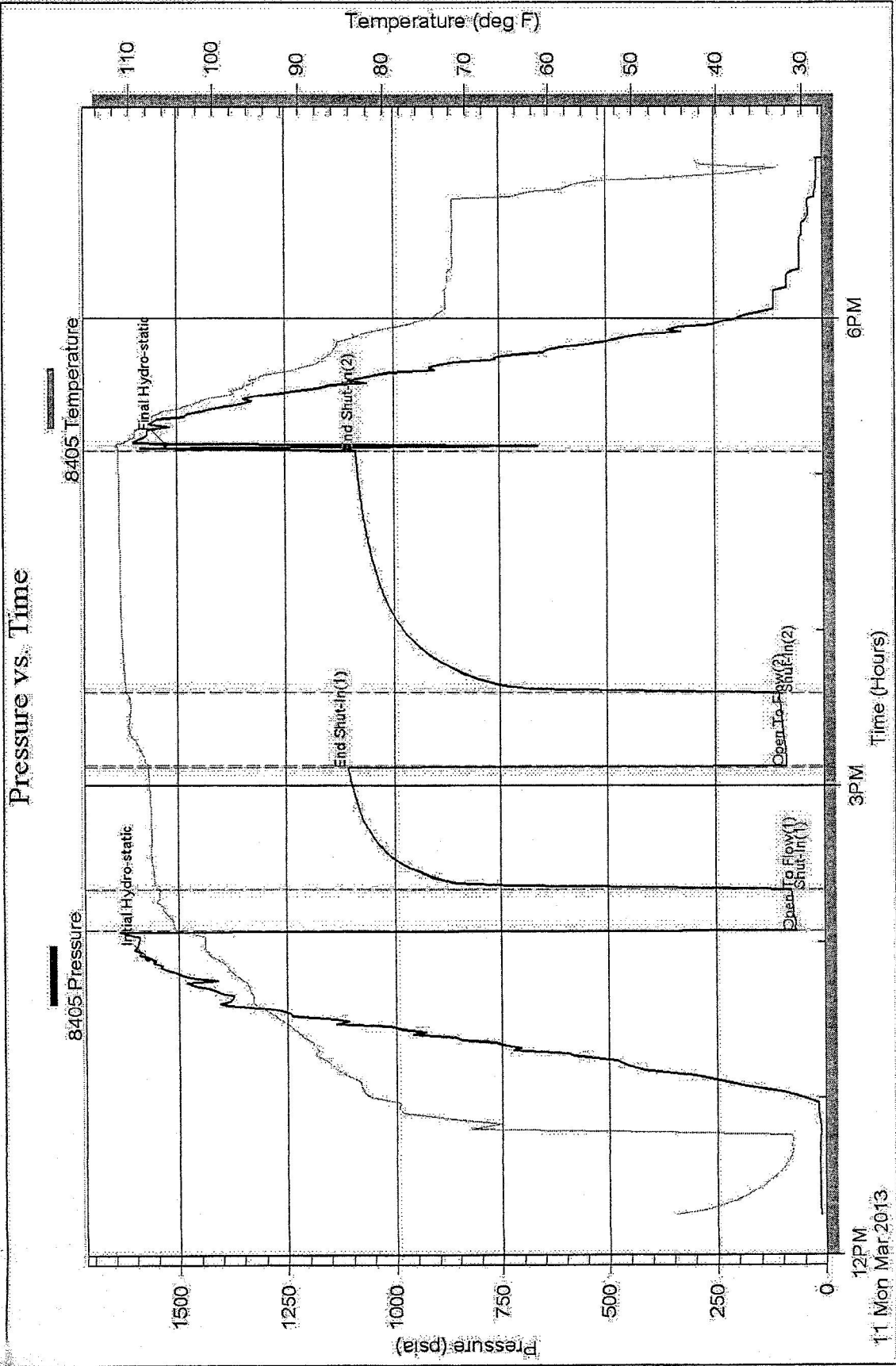
Pioneer-Schubert

Bird Dog Oil, LLC

Inside

Serial #: 8405

Pressure vs. Time



12 PM
11 Mon Mar 2013

3 PM

6 PM

Printed: 2013.03.11 @ 07:35:56

Ref. No: 17556

Superior Testers Enterprises LLC

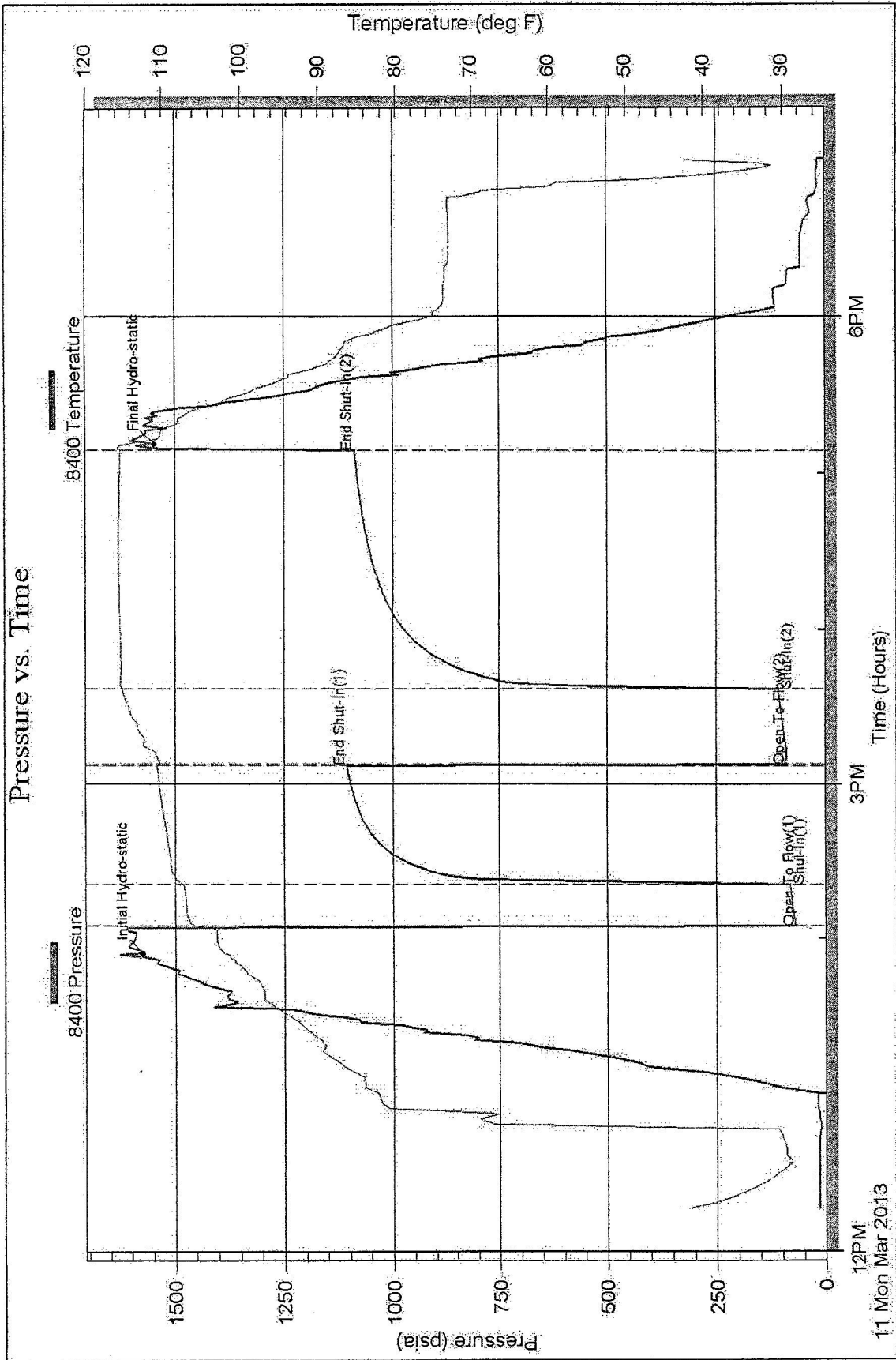
Serial #: 8400

Outside: Bird Dog Oil, LLC

Pioneer-Schubert

DST Test Number: 1

Pressure vs. Time



12PM
11 Mon Mar 2013

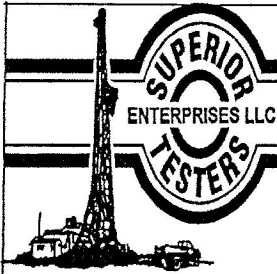
3PM

6PM

Superior Testers Enterprises LLC

Ref. No: 17556

Printed: 2013.03.11 @ 07:35:56



DRILL STEM TEST REPORT

Bird Dog Oil, LLC

23-19s-10w-Rice

1801 Broadway STE #450
Denver CO, 80202

Pioneer-Schubert

Job Ticket: 17557

DST#: 2

ATTN: Adam Kennedy

Test Start: 2013.03.11 @ 03:05:00

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 04:15:00
 Time Test Ended: 06:24:00

Test Type: Conventional Bottom Hole (Initial)
 Tester: Shane Konzem
 Unit No: 3330-50/ Great Bend

Interval: **3279.00 ft (KB) To 3291.00 ft (KB) (TVD)**
 Total Depth: 3291.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 1746.00 ft (KB)
 1736.00 ft (CF)
 KB to GR/CF: 10.00 ft

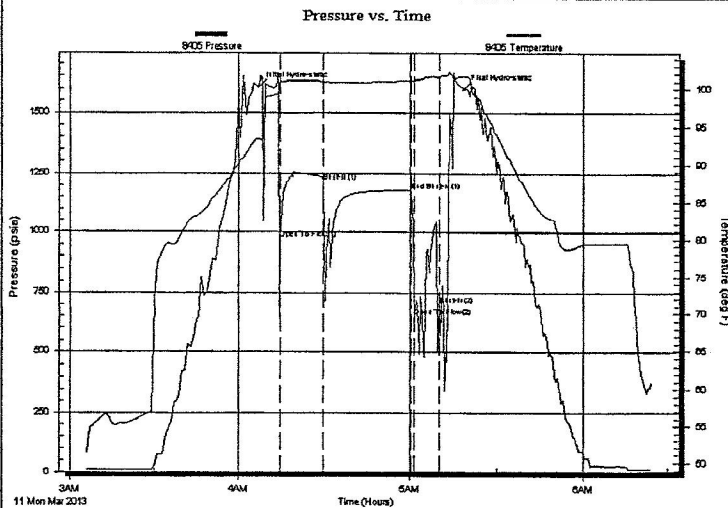
Serial #: 8405

Inside

Press@RunDepth: 1214.76 psia @ 3287.00 ft (KB)
 Start Date: 2013.03.11 End Date: 2013.03.11
 Start Time: 03:05:00 End Time: 06:24:00

Capacity: 5000.00 psia
 Last Calib.: 2013.03.11
 Time On Btm: 2013.03.11 @ 04:07:30
 Time Off Btm: 2013.03.11 @ 05:18:30

TEST COMMENT: 1st Open. 15 Minutes. Weak surface blow.
 1st Shut In. 30 Minutes. No blow back.
 2nd Open. 10 Minutes. Weak surface blow. Performed flush with no improvement.
 2nd Shut In. Pulled tool out of hole at 2nd Open per Adam Kennedy.



PRESSURE SUMMARY

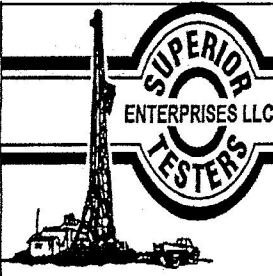
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1605.71	93.41	Initial Hydro-static
8	973.25	100.85	Open To Flow (1)
23	1214.76	100.97	Shut-In(1)
53	1179.38	101.12	End Shut-In(1)
54	649.98	101.12	Open To Flow (2)
63	699.46	101.64	Shut-In(2)
71	1597.03	101.55	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
70.00	100% mud	0.98

Gas Rates

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



DRILL STEM TEST REPORT

Bird Dog Oil, LLC

23-19s-10w-Rice

1801 Broadway STE #450
Denver CO, 80202

Pioneer-Schubert

Job Ticket: 17557

DST#:2

ATTN: Adam Kennedy

Test Start: 2013.03.11 @ 03:05:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:15:00

Time Test Ended: 06:24:00

Interval: **3279.00 ft (KB) To 3291.00 ft (KB) (TVD)**

Total Depth: 3291.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Test Type: Conventional Bottom Hole (Initial)

Tester: Shane Konzem

Unit No: 3330-50/ Great Bend

Reference Elevations: 1746.00 ft (KB)

1736.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8400 Outside

Press@RunDepth: 1179.92 psia @ 3288.00 ft (KB)

Start Date: 2013.03.11

End Date:

2013.03.11

Start Time: 03:05:00

End Time:

06:23:30

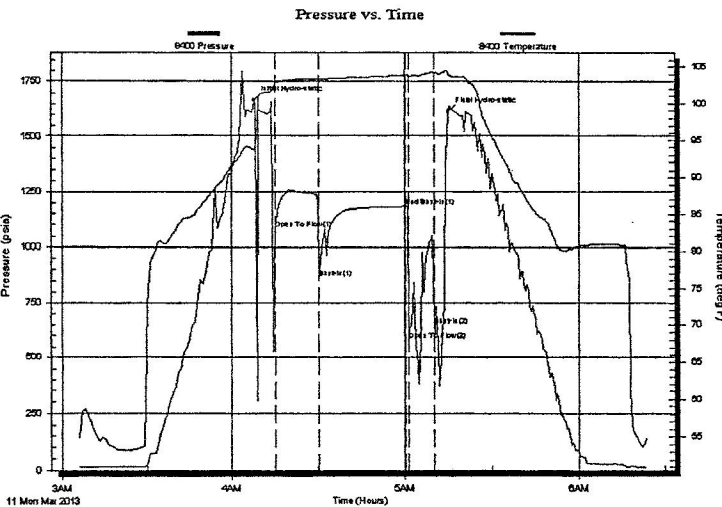
Capacity: psia

Last Calib.: 1899.12.30

Time On Btm: 2013.03.11 @ 04:08:00

Time Off Btm: 2013.03.11 @ 05:15:00

TEST COMMENT: 1st Open. 15 Minutes. Weak surface blow.
1st Shut In. 30 Minutes. No blow back.
2nd Open. 10 Minutes. Weak surface blow. Performed flush w/ no improvement.
2nd Shut In. Pulled tool out of hole at 2nd Open per Adam Kennedy.



PRESSURE SUMMARY

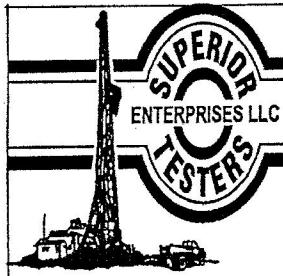
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1664.80	93.78	Initial Hydro-static
8	1078.78	102.83	Open To Flow (1)
23	860.15	103.28	Shut-In(1)
53	1179.92	103.91	End Shut-In(1)
54	576.55	103.78	Open To Flow (2)
62	646.17	104.16	Shut-In(2)
67	1612.60	104.11	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
70.00	100% mud	0.98

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

Bird Dog Oil, LLC
 1801 Broadway STE #450
 Denver CO, 80202
 ATTN: Adam Kennedy

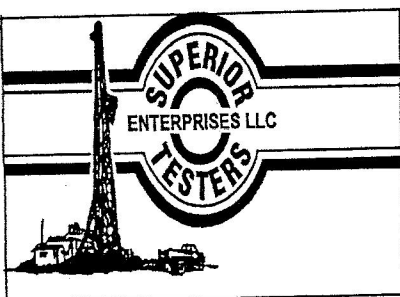
23-19s-10w-Rice
Pioneer-Schubert
 Job Ticket: 17557 DST#: 2
 Test Start: 2013.03.11 @ 03:05:00

Tool Information

Drill Pipe:	Length: 3283.00 ft	Diameter: 3.80 inches	Volume: 46.05 bbl	Tool Weight: 2000.00 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: lb
			<u>Total Volume: 46.05 bbl</u>	Tool Chased: ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial lb
Depth to Top Packer:	3279.00 ft			Final lb
Depth to Bottom Packer:	ft			
Interval between Packers:	12.00 ft			
Tool Length:	40.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
SHut-InTool	5.00		Inside	3256.00	
Hydrolic Tool	5.00			3261.00	
Jars	6.00			3267.00	
Safety Joint	2.00			3269.00	
Packer	5.00			3274.00	28.00 Bottom Of Top Packer
Packer	5.00			3279.00	
Anchor	7.00			3286.00	
Recorder	1.00	8405	Inside	3287.00	
Recorder	1.00	8400	Outside	3288.00	
Bullnose	3.00			3291.00	12.00 Bottom Packers & Anchor
Total Tool Length:	40.00				



DRILL STEM TEST REPORT FLUID SUMMARY

Bird Dog Oil, LLC **23-19s-10w-Rice**
1801 Broadway STE #450 **Pioneer-Schubert**
Denver CO, 80202 Job Ticket: 17557 **DST#:2**
ATTN: Adam Kennedy Test Start: 2013.03.11 @ 03:05:00

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: 7.98 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psia		
Salinity: 6500.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
70.00	100% mud	0.982

Total Length: 70.00 ft Total Volume: 0.982 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

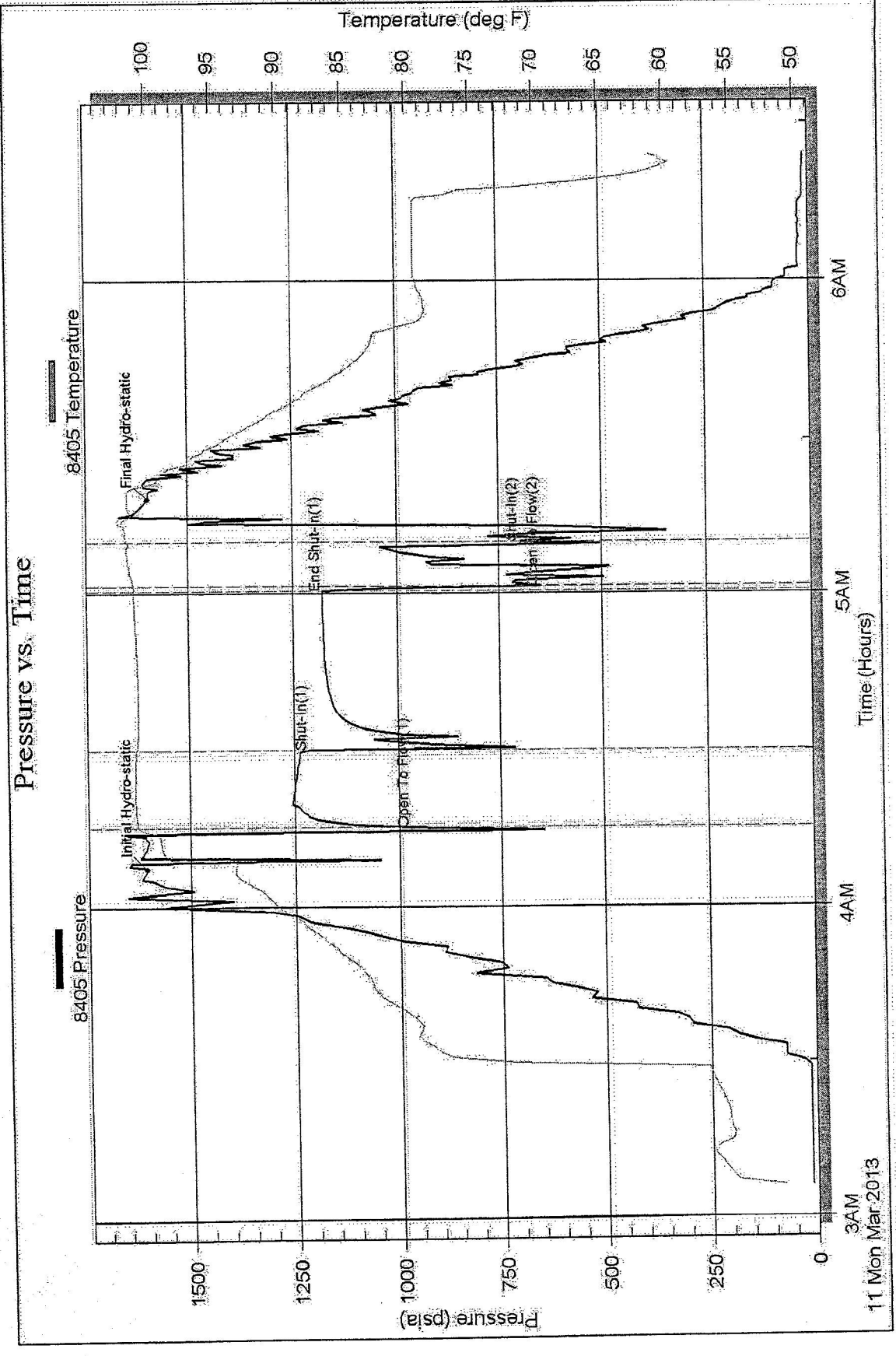
DST Test Number: 2

Roneef Schubert

Bird Dog Oil, LLC

Inside

Serial #: 8405



Printed: 2013.03.11 @ 18:48:38

Ref. No: 17557

Superior Testers Enterprises LLO

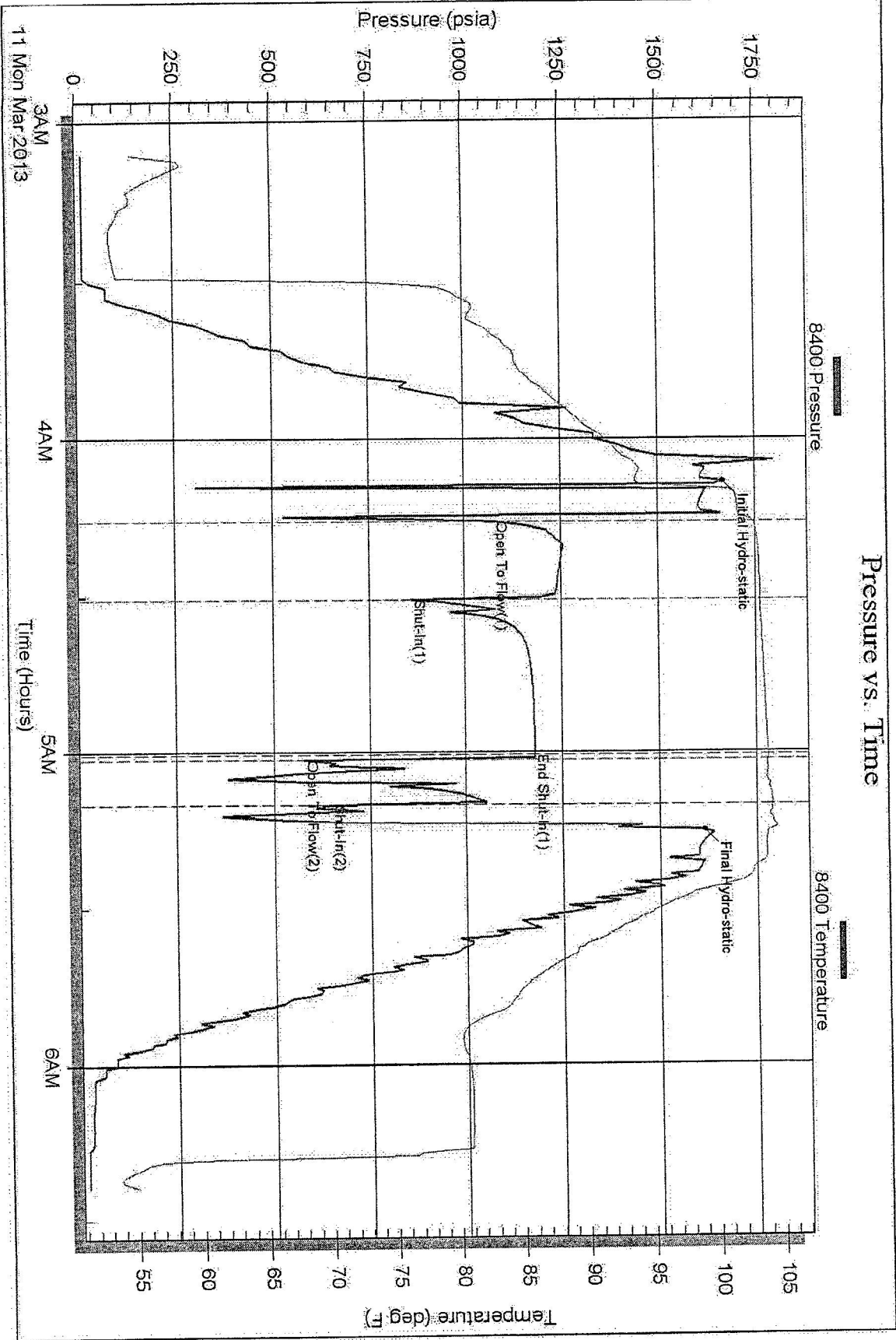
Serial #: 8400

Outside: Bird Dog Oil, LLC

Pioneer Schubert

DST Test Number 2

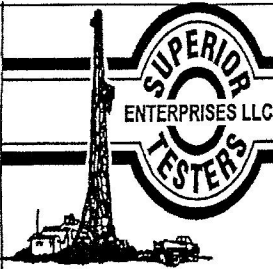
Pressure vs. Time



Superior Testers Enterprises, LLC

Ref. No: 17557

Printed: 2013:03:11 @ 16:48:39



DRILL STEM TEST REPORT

Bird Dog Oil, LLC
 1801 Broadway STE #450
 Denver CO, 80202
 ATTN: Adam Kennedy

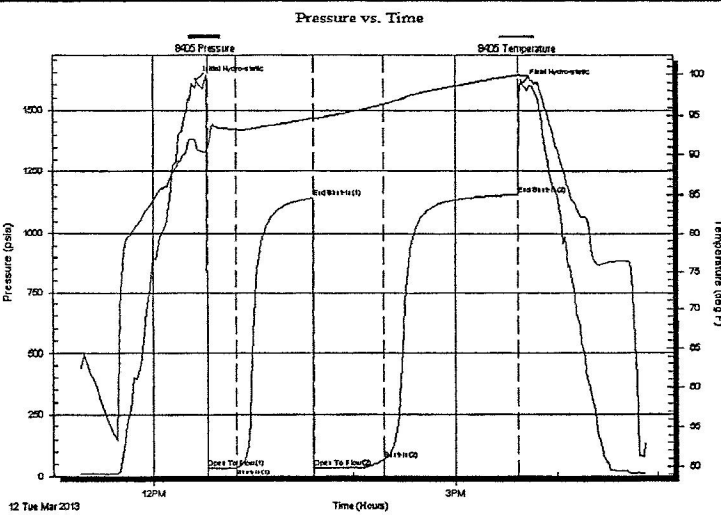
23-19s-10w-Rice
Pioneer-Schubert
 Job Ticket: 17558 DST#: 3
 Test Start: 2013.03.12 @ 11:15:00

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 12:33:30
 Time Test Ended: 16:52:30
 Interval: **3279.00 ft (KB) To 3291.00 ft (KB) (TVD)**
 Total Depth: 3291.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Poor
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Shane Konzern
 Unit No: 3330-50/ Great Bend
 Reference Elevations: 1746.00 ft (KB)
 1736.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 8405 **Inside**
 Press@RunDepth: 68.98 psia @ 3287.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2013.03.12 End Date: 2013.03.12 Last Calib.: 2013.03.12
 Start Time: 11:15:00 End Time: 16:52:30 Time On Btm: 2013.03.12 @ 12:26:30
 Time Off Btm: 2013.03.12 @ 15:39:30

TEST COMMENT: 1st Open. 15 Minutes. Weak surface blow built to 1/4 inch in bucket.
 1st Shut In. 45 Minutes. No blow back.
 2nd Open. 30 Minutes. Weak surface blow built to 1/4 inch in bucket.
 2nd Shut In. 90 Minutes. No blow back



PRESSURE SUMMARY

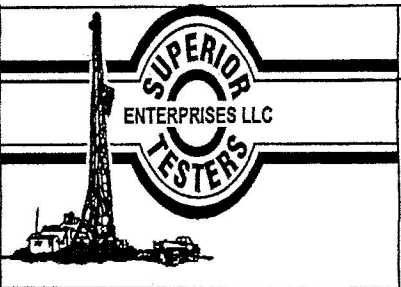
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1617.74	90.89	Initial Hydro-static
7	34.15	91.14	Open To Flow (1)
24	34.18	93.15	Shut-In(1)
70	1145.43	94.61	End Shut-In(1)
71	34.82	94.59	Open To Flow (2)
112	68.98	96.39	Shut-In(2)
191	1160.45	99.95	End Shut-In(2)
193	1606.55	99.86	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
3.00	Clean Oil	0.04
22.00	Oil cut mud	0.31
0.00	15% Oil/ 85% Mud	0.00

Gas Rates

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



DRILL STEM TEST REPORT

Bird Dog Oil, LLC
 1801 Broadway STE #450
 Denver CO, 80202
 ATTN: Adam Kennedy

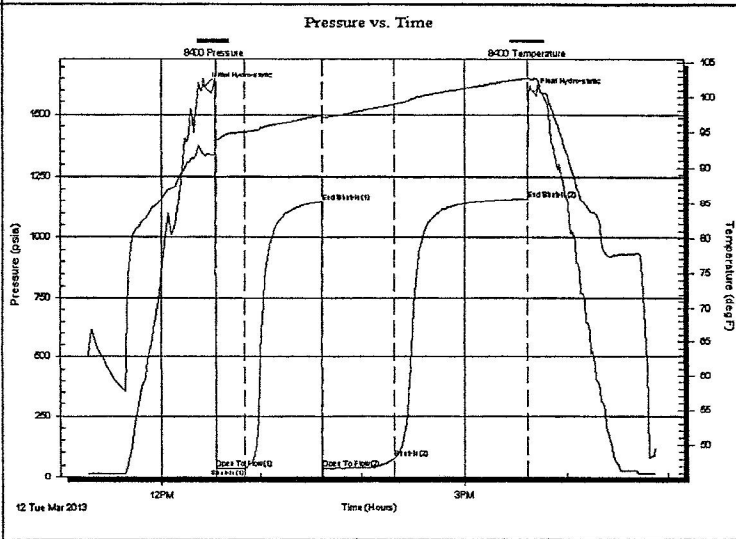
23-19s-10w-Rice
Pioneer-Schubert
 Job Ticket: 17558 DST#:3
 Test Start: 2013.03.12 @ 11:15:00

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 12:33:30
 Time Test Ended: 16:52:30
 Interval: **3279.00 ft (KB) To 3291.00 ft (KB) (TVD)**
 Total Depth: **3291.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Poor**
 Test Type: **Conventional Bottom Hole (Initial)**
 Tester: **Shane Konzern**
 Unit No: **3330-50/ Great Bend**
 Reference Elevations: **1746.00 ft (KB)**
 1736.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 8400 Outside
 Press@RunDepth: **1160.84 psia @ 3288.00 ft (KB)** Capacity: **5000.00 psia**
 Start Date: **2013.03.12** End Date: **2013.03.12** Last Calib.: **2013.03.12**
 Start Time: **11:15:00** End Time: **16:52:30** Time On Btm: **2013.03.12 @ 12:26:30**
 16:52:30 Time Off Btm: **2013.03.12 @ 15:40:30**

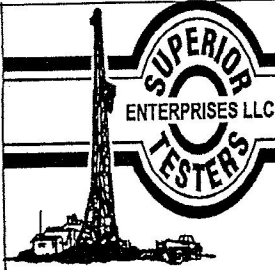
TEST COMMENT: 1st Open. 15 Minutes. Weak surface blow built to 1/4 inch in bucket.
 1st Shut In. 45 Minutes. No blow back.
 2nd Open. 30 Minutes. Weak surface blow built to 1/4 inch in bucket.
 2nd Shut In. 90 Minutes. No blow back



PRESSURE SUMMARY			
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1618.27	91.63	Initial Hydro-static
7	37.12	93.81	Open To Flow (1)
24	36.80	95.05	Shut-In(1)
70	1146.19	97.28	End Shut-In(1)
71	37.60	96.98	Open To Flow (2)
113	77.34	98.92	Shut-In(2)
191	1160.84	102.69	End Shut-In(2)
194	1594.48	102.58	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
3.00	Clean Oil	0.04
22.00	Oil cut mud	0.31
0.00	15% Oil/ 85% Mud	0.00

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

Bird Dog Oil, LLC

23-19s-10w-Rice

1801 Broadway STE #450
Denver CO, 80202

Pioneer-Schubert

Job Ticket: 17558

DST#: 3

ATTN: Adam Kennedy

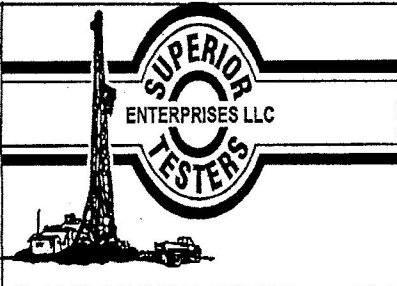
Test Start: 2013.03.12 @ 11:15:00

Tool Information

Drill Pipe:	Length: 3283.00 ft	Diameter: 3.80 inches	Volume: 46.05 bbl	Tool Weight: 2000.00 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: lb
			<u>Total Volume: 46.05 bbl</u>	Tool Chased 1.00 ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial 24000.00 lb
Depth to Top Packer:	3279.00 ft			Final lb
Depth to Bottom Packer:	ft			
Interval between Packers:	12.00 ft			
Tool Length:	40.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
SHut-In Tool	5.00		Inside	3256.00	
Hydraulic Tool	5.00			3261.00	
Jars	6.00			3267.00	
Safety Joint	2.00			3269.00	
Packer	5.00			3274.00	28.00 Bottom Of Top Packer
Packer	5.00			3279.00	
Anchor	7.00			3286.00	
Recorder	1.00	8405	Inside	3287.00	
Recorder	1.00	8400	Outside	3288.00	
Bullnose	3.00			3291.00	12.00 Bottom Packers & Anchor
Total Tool Length:	40.00				



DRILL STEM TEST REPORT

FLUID SUMMARY

Bird Dog Oil, LLC
 1801 Broadway STE #450
 Denver CO, 80202
 ATTN: Adam Kennedy

23-19s-10w-Rice
Pioneer-Schubert
 Job Ticket: 17558 DST#: 3
 Test Start: 2013.03.12 @ 11:15:00

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: 7.99 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psia		
Salinity: 6500.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
3.00	Clean Oil	0.042
22.00	Oil cut mud	0.309
0.00	15% Oil/ 85% Mud	0.000

Total Length: 25.00 ft Total Volume: 0.351 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Serial #: 8405

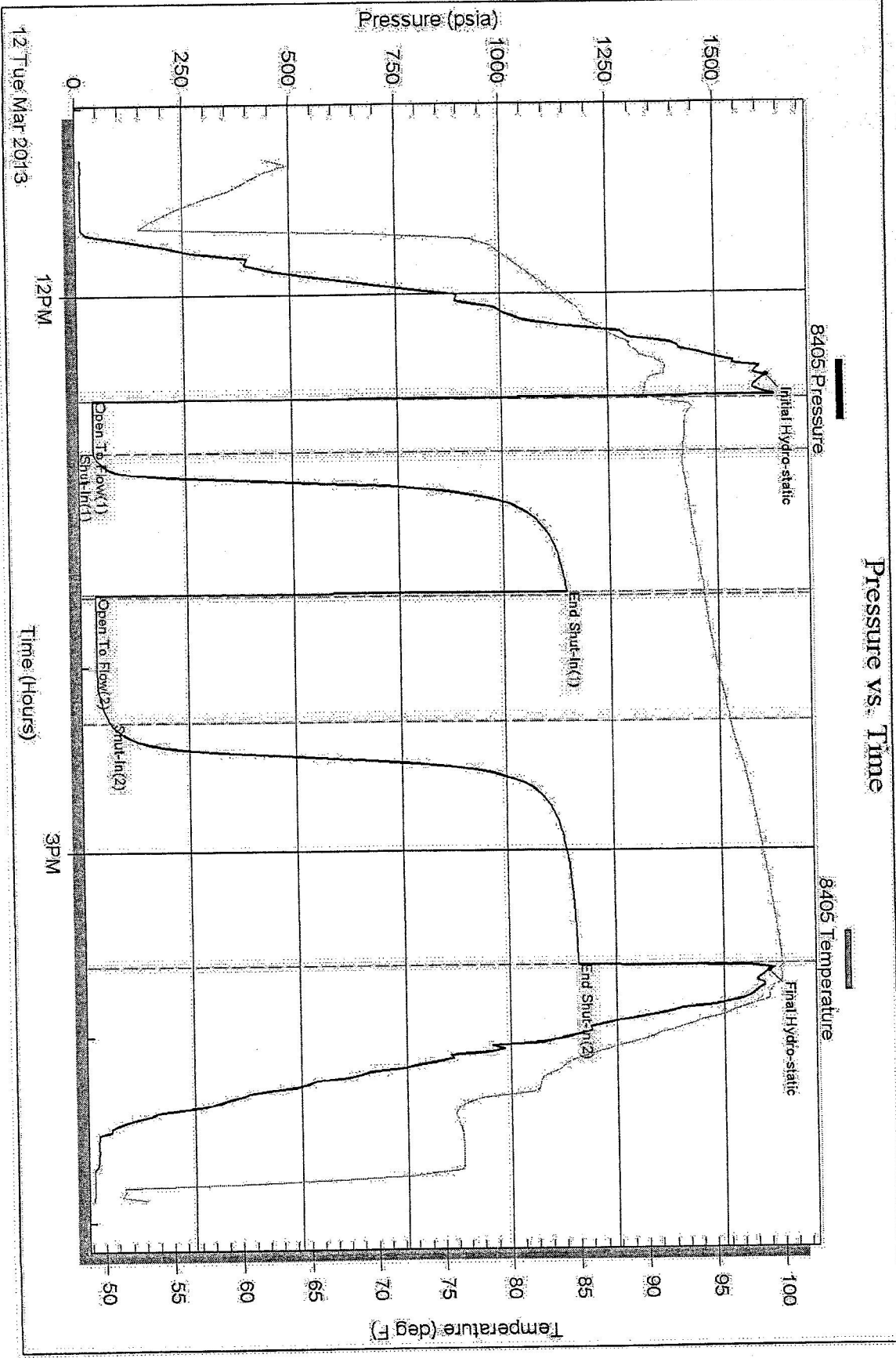
Inside

Bird Dog Oil, LLC

Pioneer-Schubert

DST Test Number: 3

Pressure vs. Time



Superior Testers Enterprises, LLC

Ref. No: 17658

Printed: 2013.03.12 @ 05:08:40

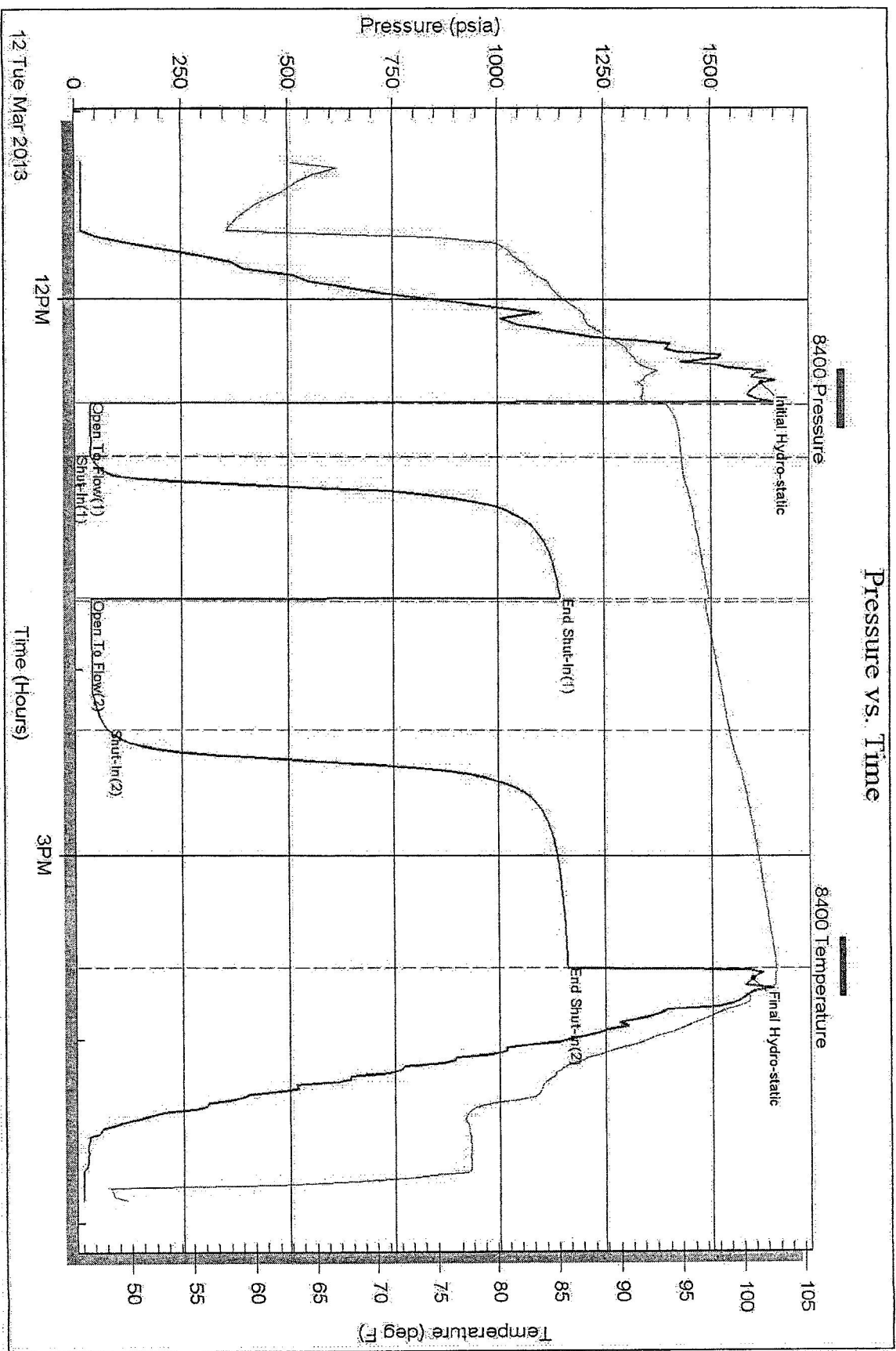
Serial #: 8400

Outside Bird Dog Oil, LLC

Pioneer Schubert

DST Test Number: 3

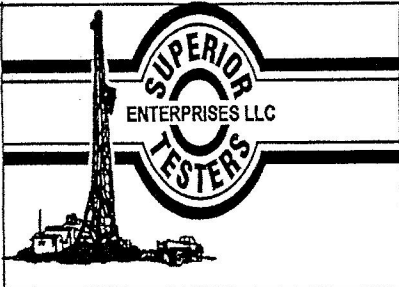
Pressure vs. Time



Superior Testers Enterprises LLC

Ref. No: 17558

Printed: 2013.03.12 @ 05:08:41



DRILL STEM TEST REPORT

Bird Dog Oil, LLC
 1801 Broadway STE #450
 Denver CO, 80202
 ATTN: Adam Kennedy

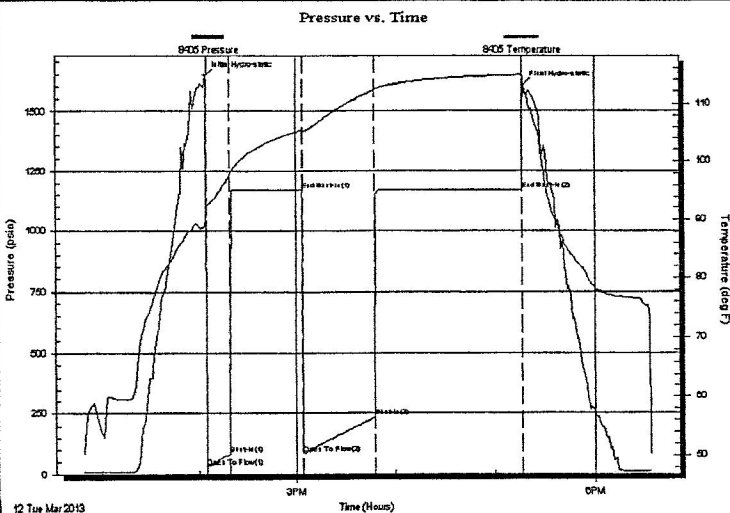
23-19s-10w-Rice
Pioneer-Schubert
 Job Ticket: 17559 DST#: 4
 Test Start: 2013.03.12 @ 12:48:00

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 14:05:30
 Time Test Ended: 18:35:00
 Interval: **3289.00 ft (KB) To 3296.00 ft (KB) (TVD)**
 Total Depth: **3296.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Dustin Ellis
 Unit No: 3315-Great Bend-50
 Reference Elevations: 1746.00 ft (KB)
 1736.00 ft (CF)
 KB to GRVCF: 10.00 ft

Serial #: 8405 Inside
 Press@RunDepth: 1173.12 psia @ 3292.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2013.03.12 End Date: 2013.03.12 Last Calib.: 2013.03.12
 Start Time: 12:48:00 End Time: 18:35:00 Time On Btm: 2013.03.12 @ 14:04:30
 Time Off Btm: 2013.03.12 @ 17:17:00

TEST COMMENT: 1st Open 15 minutes Fair building blow blew of bottom bucket in 12 minutes
 1st Shut in 45 minutes No blow back.
 2nd Open 45 minutes Fair building blow blew of bottom bucket in 13 minutes.
 2nd Shut in 90 minutes No blow back.



PRESSURE SUMMARY

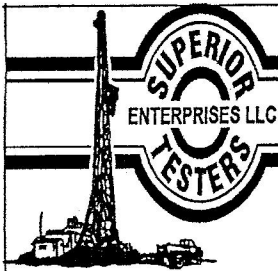
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1646.35	89.78	Initial Hydro-static
1	33.58	91.70	Open To Flow (1)
15	83.32	97.60	Shut-In(1)
60	1173.64	105.47	End Shut-In(1)
60	86.70	105.03	Open To Flow (2)
104	234.36	112.17	Shut-In(2)
192	1173.12	114.76	End Shut-In(2)
193	1602.41	114.56	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
4.00	Clean oil 100%	0.06
11.00	Oil cut muddy water.	0.15
0.00	Oil 1% Mud20% Water79%	0.00
427.00	Water 100%	5.99
0.00	Chlorides 32000 .2ohms @62degrees	0.00

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

Bird Dog Oil, LLC
 1801 Broadway STE #450
 Denver CO, 80202
 ATTN: Adam Kennedy

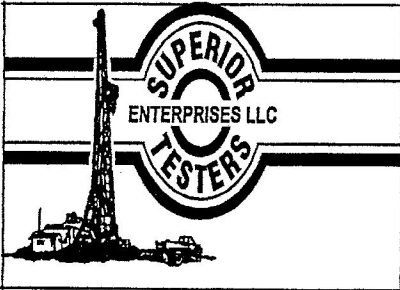
23-19s-10w-Rice
Pioneer-Schubert
 Job Ticket: 17559 DST#: 4
 Test Start: 2013.03.12 @ 12:48:00

Tool Information

Drill Pipe:	Length: 3272.00 ft	Diameter: 3.80 inches	Volume: 45.90 bbl	Tool Weight: 2000.00 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: 36000.00 lb
			<u>Total Volume: 45.90 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	11.00 ft			String Weight: Initial 35000.00 lb
Depth to Top Packer:	3289.00 ft			Final 35000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	7.00 ft			
Tool Length:	35.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Hydraulic Tool	5.00			3266.00	
Jars	6.00			3272.00	
Safety Joint	2.00			3274.00	
SHut-InTool	5.00		Inside	3279.00	
Packer	5.00			3284.00	28.00 Bottom Of Top Packer
Packer	5.00			3289.00	
Anchor	2.00			3291.00	
Recorder	1.00	8405	Inside	3292.00	
Recorder	1.00	8400	Outside	3293.00	
Bullnose	3.00			3296.00	7.00 Bottom Packers & Anchor
Total Tool Length:	35.00				



DRILL STEM TEST REPORT

FLUID SUMMARY

Bird Dog Oil, LLC

23-19s-10w-Rice

1801 Broadway STE #450
Denver CO, 80202

Pioneer-Schubert

Job Ticket: 17559

DST#: 4

ATTN: Adam Kennedy

Test Start: 2013.03.12 @ 12:48:00

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: 58.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.00 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psia		
Salinity: 7700.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
4.00	Clean oil 100%	0.056
11.00	Oil cut muddy water.	0.154
0.00	Oil 1% Mud20% Water79%	0.000
427.00	Water 100%	5.990
0.00	Chlorides 32000 .2ohms @62degrees	0.000

Total Length: 442.00 ft Total Volume: 6.200 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

DST Test Number: 4

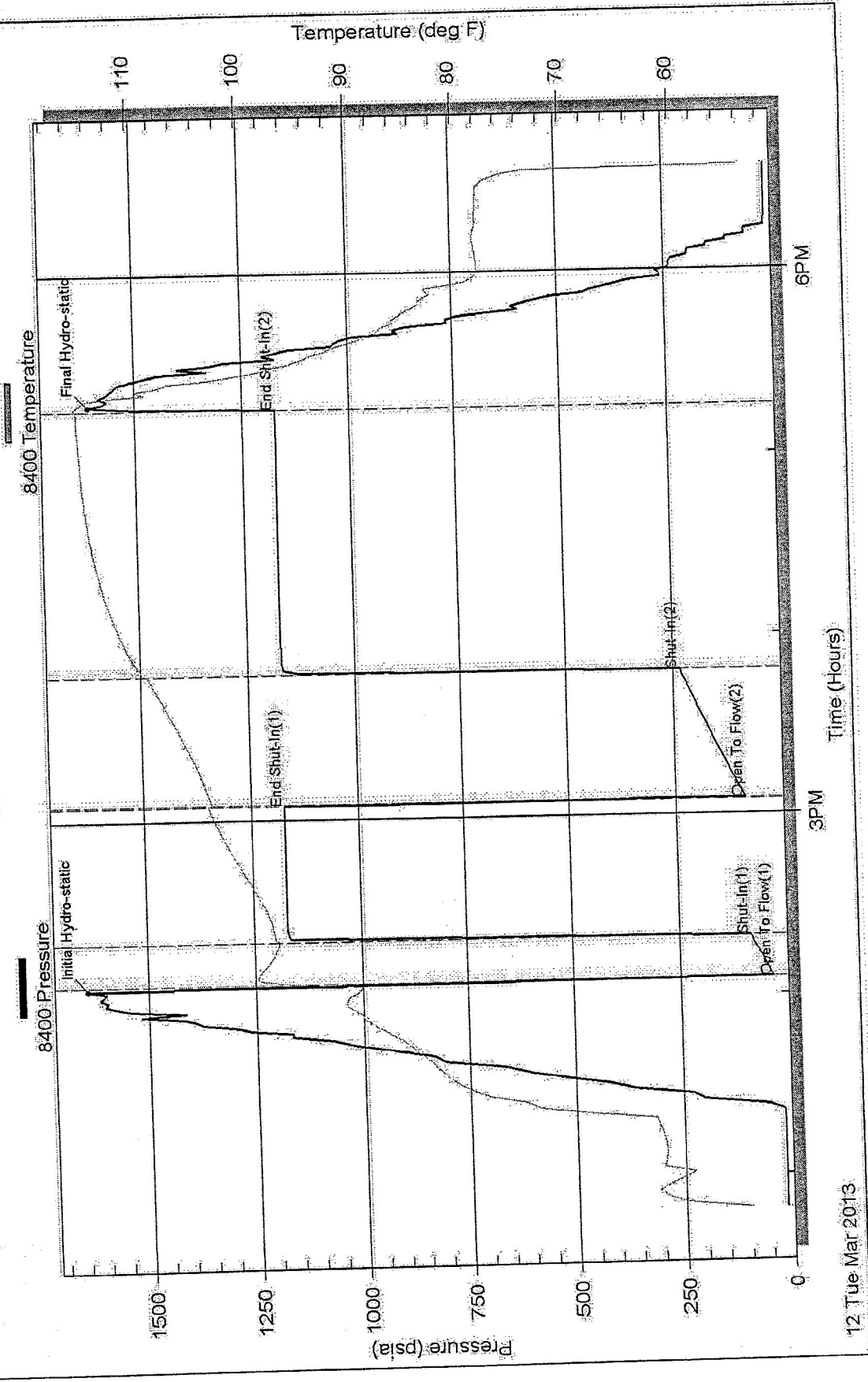
Pioneer Schubert

Bird Dog Oil, LLC

outside

Serial #: 8400

Pressure vs. Time



12 Tue Mar 2013

Printed: 2013.03.12 @ 18:53:49

Ref. No: 17559

Superior Testers Enterprises, LLC

Serial #: 8405

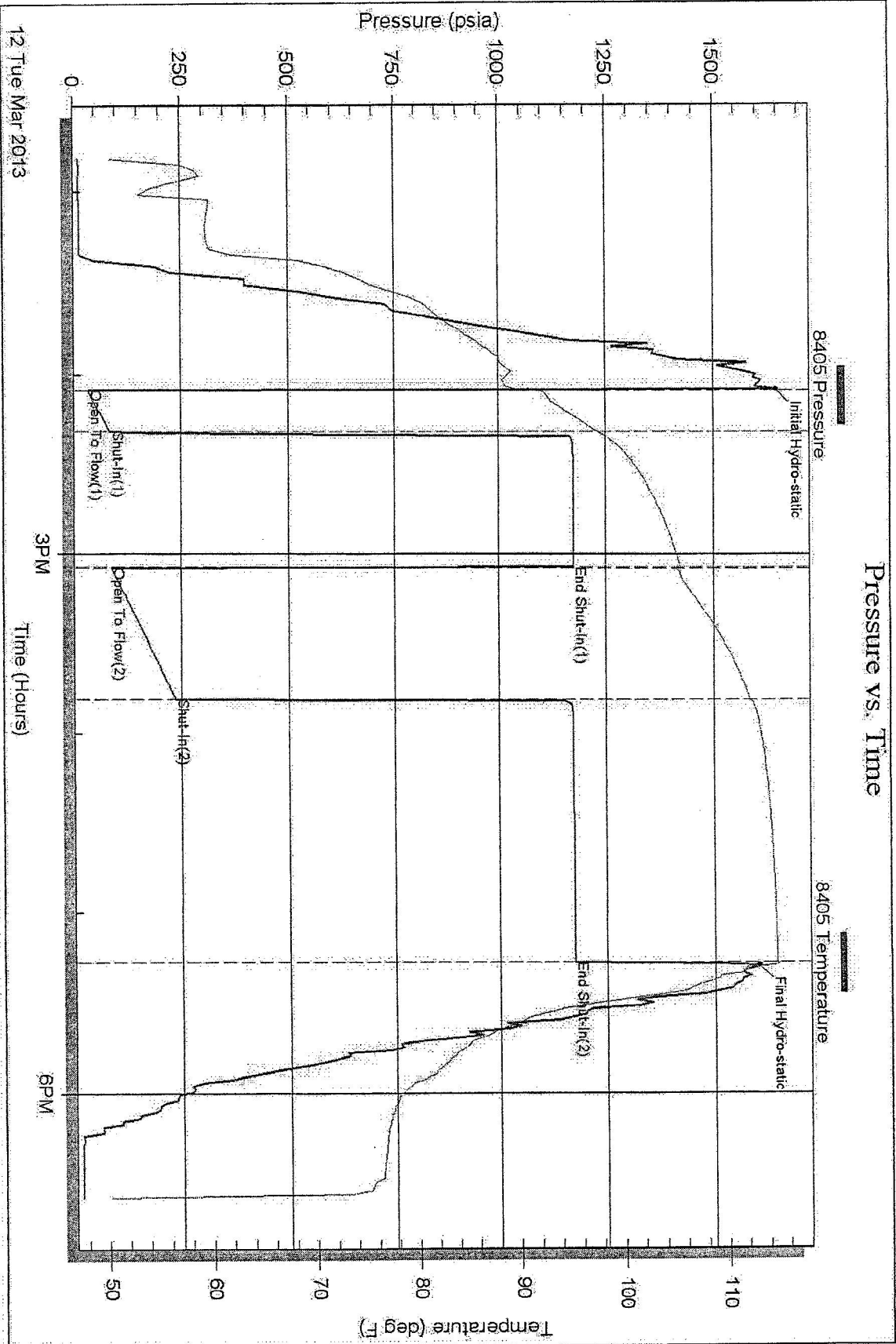
Inside

Bird Dog Oil, LLC

Pioneer-Schubert

DST Test Number: 4

Pressure vs. Time



12 Tue Mar 2013

3PM

6PM