



WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - _____

Spot Description: _____

_____-_____-_____- Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Letter of Confidentiality Received
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR. _____ Producing Method:
 Flowing Pumping Gas Lift Other *(Explain)* _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Bird Dog Oil, LLC
Well Name	Pioneer-Schubert 3-23
Doc ID	1152280

All Electric Logs Run

CPI
DIL
Micro
DCPL
Sonic

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Home Office P.O. Box 32 Russell, KS 67665

No. 6396

785-483-2025
785-324-1041

Date	3-7-13	Sec.	23	Twp.	19	Range	10	County	Rice	State	Ks	On Location		Finish	12:15 AM				
Lease	Pioneer - Shubert							Location	Clafflin, Ks - E to 4th Rd, S to 5th Rd										
Well No.	3-23		Owner	13/4 E, 5 into															
Contractor	Southwind #1		To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.																
Type Job	Surface		Charge To	Bird dog oil															
Hole Size	12 1/4"		T.D.	345'		Depth	343'		Street							City	State		
Csg.	8 5/8"		Depth			City											State		
Tbg. Size			Depth	The above was done to satisfaction and supervision of owner agent or contractor.															
Tool			Depth																
Cement Left in Csg.	15'		Shoe Joint	15'		Cement Amount Ordered	330 5x Common 3%cc												
Meas Line			Displace	21 BLS		2% Gel	1/2# Flo-seal												
EQUIPMENT																			
Pumptrk	16	No.	Cementer	Travis		Common	275												
			Helper			Poz. Mix													
Bulktrk		No.	Driver	David		Gel.	5												
			Driver			Calcium	10												
Bulktrk	P.U.	No.	Driver	Rick		Hulls													
			Driver			Salt													
JOB SERVICES & REMARKS																			
Remarks	Cement did Circulate																		
Rat Hole																			
Mouse Hole	IN Cellar																		
Centralizers																			
Baskets																			
D/V or Port Collar																			
Mixed	275 5x Common		Handling	330															
	3%cc 2% Gel 1/2# Flo-seal		Mileage																
FLOAT EQUIPMENT																			
Guide Shoe																			
Centralizer																			
Baskets 8 5/8"																			
AFU Inserts																			
Float Shoe																			
Latch Down																			
Pumptrk Charge Surface																			
Mileage 34																			
												Tax							
												Discount							
												Total Charge							
Signature <i>[Signature]</i>																			

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

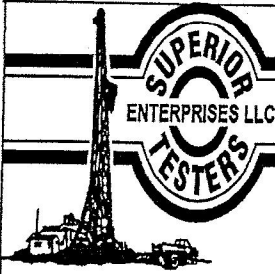
ne 785-483-2025
il 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 6400

Date	3-13-13	Sec.	23	Twp.	19	Range	10	County	Rice	State	Ks	On Location	Finish	4:00 PM	
Lease	Pioneer - Schubert							Location	Clatlin, Ks - E to 4th Rd, S to J Rd, 1 3/4 E, S into						
Contractor	Southwind		#1		Well No.	3-23		Owner	To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.						
Type Job	Plug				Hole Size	7 7/8"		T.D.	3370'		Charge To	Bird dog oil			
Csg.					Depth			Street							
Tbg. Size	4 1/2" D.P.				Depth	3252'		City			State				
Tool					Depth			The above was done to satisfaction and supervision of owner agent or contractor.							
Cement Left in Csg.					Shoe Joint			Cement Amount Ordered	165 sx 60140 4% Gel						
Meas Line			Displace		H2O/min		1/4 # Fl-seal per sack								
EQUIPMENT															
Pumptrk	16	No.	Cementer		Travis		Common		99						
			Helper				Poz. Mix		66						
Bulktrk	10	No.	Driver		Clayton Lonnie W.		Gel.		6						
Bulktrk	plu	No.	Driver		Rich		Calcium								
JOB SERVICES & REMARKS															
Remarks:													Hulls		
Rat Hole													Salt		
Mouse Hole													Flowseal 41#		
Centralizers													Kol-Seal		
Baskets													Mud CLR 48		
D/V or Port Collar													CFL-117 or CD110 CAF 38		
3252' - 35sx													Sand		
1200' - 35 sx													Handling 171		
393' - 35 sx													Mileage		
6' - 25 sx													FLOAT EQUIPMENT		
Rathole - 20 sx													Guide Shoe		
Mousehole - 15 sx													Centralizer		
Cement did Circulate													Baskets		
													AFU Inserts		
													Float Shoe		
													Latch Down		
													Pumptrk Charge		
													Mileage 34 Plug		
													Tax		
													Discount		
													Total Charge		

X Signature



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

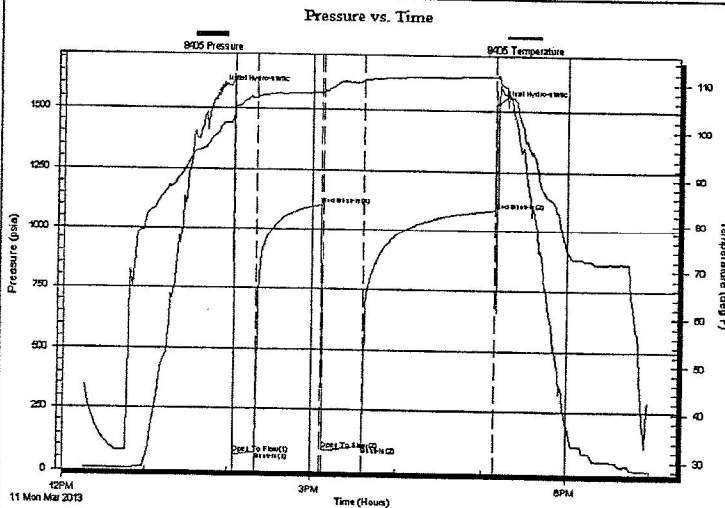
Test Start: 2013.03.11 @ 12:15:00

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

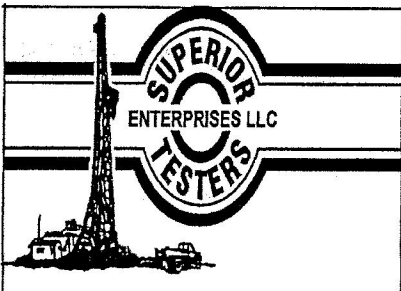
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1572.07	100.22	Initial Hydro-static
11	66.60	104.49	Open To Flow (1)
27	77.44	106.52	Shut-In(1)
73	1106.88	107.86	End Shut-In(1)
74	86.96	107.72	Open To Flow (2)
103	104.00	110.44	Shut-In(2)
195	1088.14	111.36	End Shut-In(2)
198	1525.75	111.49	Final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

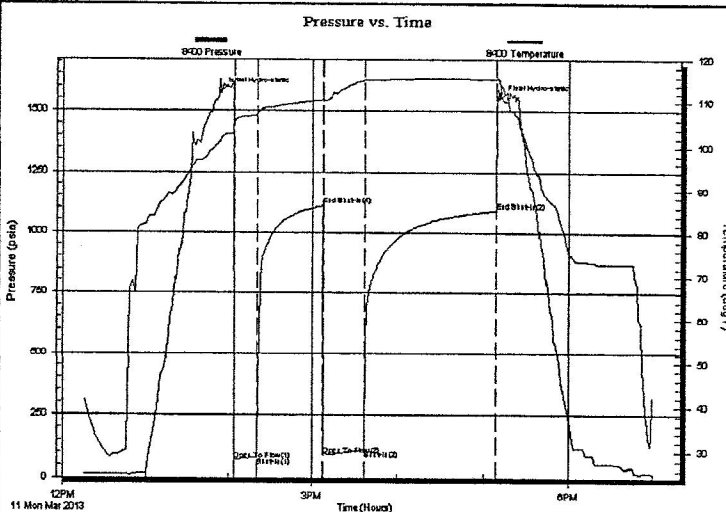
23-19s-10w-Rice
Pioneer-Schubert
 Job Ticket: 17556 DST#: 1
 Test Start: 2013.03.11 @ 12:15:00

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

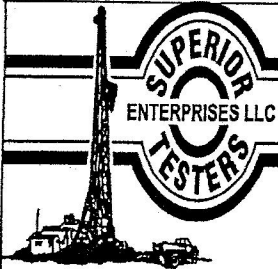
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1574.04	102.12	Initial Hydro-static
11	67.84	105.79	Open To Flow (1)
27	80.96	107.27	Shut-In(1)
73	1106.50	110.68	End Shut-In(1)
74	87.94	110.22	Open To Flow (2)
103	108.12	115.16	Shut-In(2)
195	1088.00	115.47	End Shut-In(2)
198	1546.35	114.06	Final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

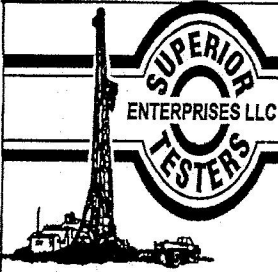
Test Start: 2013.03.11 @ 12:15:00

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
Mud Weight: 9.00 lb/gal
Viscosity: 46.00 sec/qt
Water Loss: 7.99 in³
Resistivity: ohm.m
Salinity: 7000.00 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
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

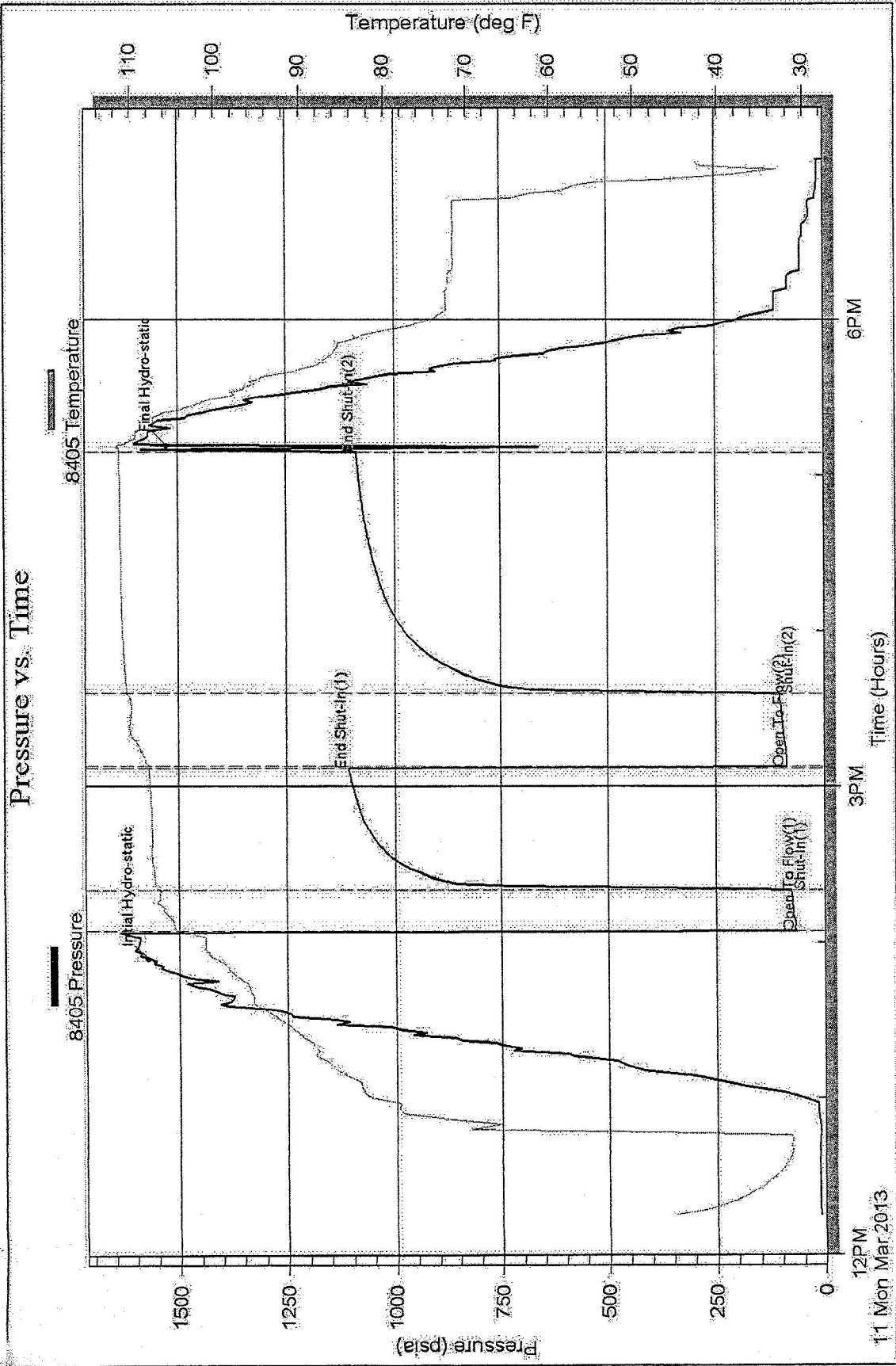
Pioneer Schubert

Bird Dog Oil, LLC

Inside

Serial #: 8405

Pressure vs. Time



12PM
11 Mon Mar 2013
3PM
6PM

Printed: 2013.03.11 @ 07:35:56

Ref. No: 17556

Superior Testers Enterprises LLC

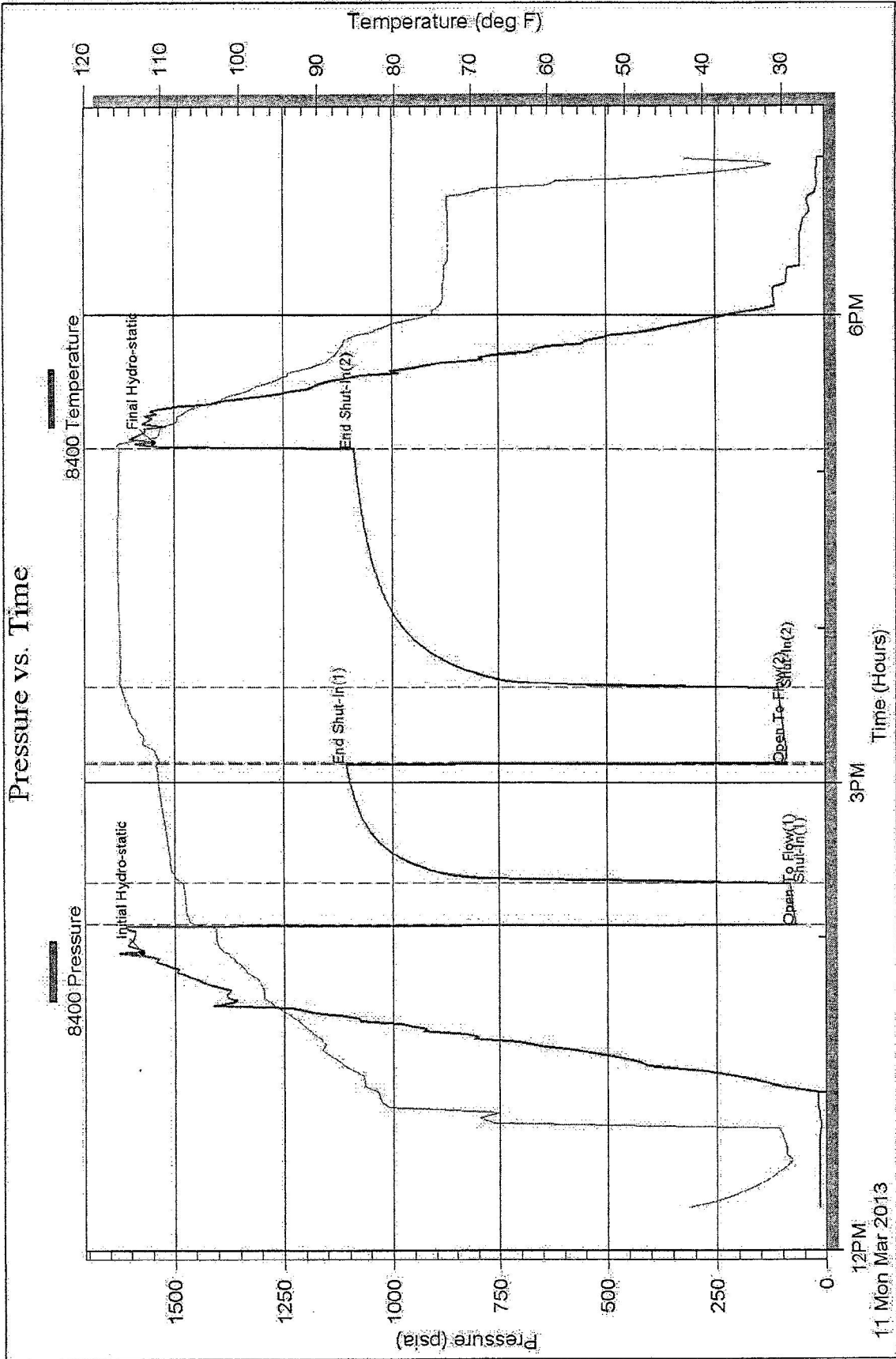
Serial #: 8400

Outside: Bird Dog Oil, LLC

Pioneer-Schubert

DST Test Number: 1

Pressure vs. Time



12PM
11 Mon Mar 2013

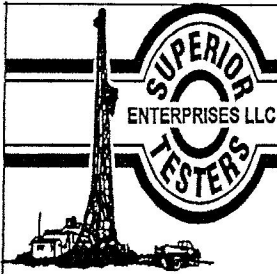
3PM

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

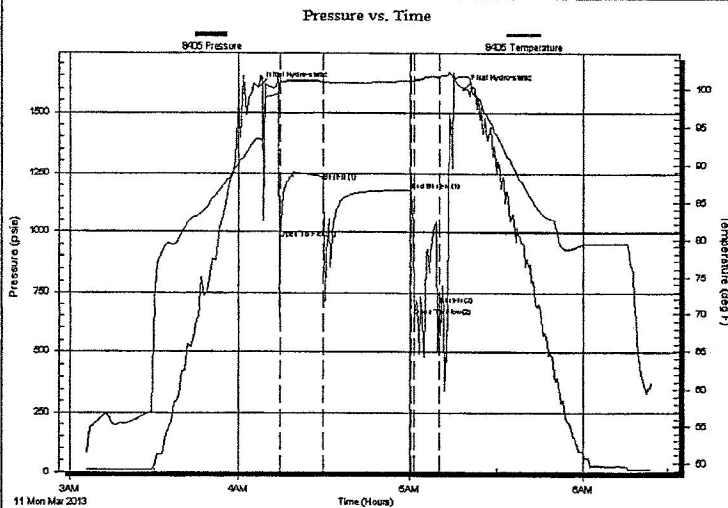
Serial #: 8405

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

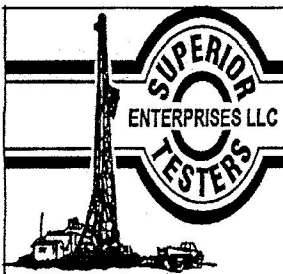
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1605.71	93.41	Initial Hydro-static
8	973.25	100.85	Open To Flow (1)
23	1214.76	100.97	Shut-In(1)
53	1179.38	101.12	End Shut-In(1)
54	649.98	101.12	Open To Flow (2)
63	699.46	101.64	Shut-In(2)
71	1597.03	101.55	Final Hydro-static

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

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)**

Reference Elevations: 1746.00 ft (KB)

Total Depth: 3291.00 ft (KB) (TVD)

1736.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 10.00 ft

Serial #: 8400 Outside

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

Capacity: psia

Start Date: 2013.03.11

End Date:

2013.03.11

Last Calib.:

1899.12.30

Start Time: 03:05:00

End Time:

06:23:30

Time On Btm:

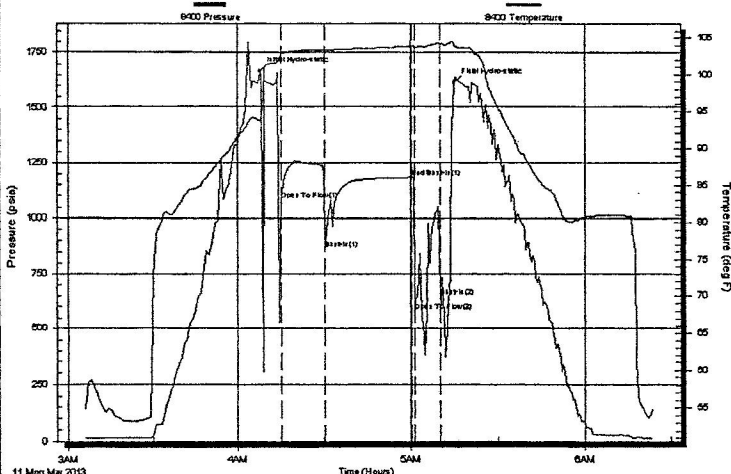
2013.03.11 @ 04:08:00

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 with no improvement.
2nd Shut In. Pulled tool out of hole at 2nd Open per Adam Kennedy.

Pressure vs. Time



PRESSURE SUMMARY

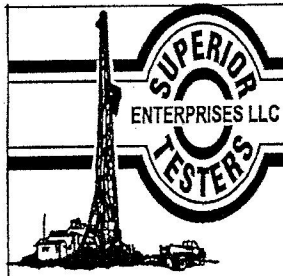
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1664.80	93.78	Initial Hydro-static
8	1078.78	102.83	Open To Flow (1)
23	860.15	103.28	Shut-In(1)
53	1179.92	103.91	End Shut-In(1)
54	576.55	103.78	Open To Flow (2)
62	646.17	104.16	Shut-In(2)
67	1612.60	104.11	Final Hydro-static

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

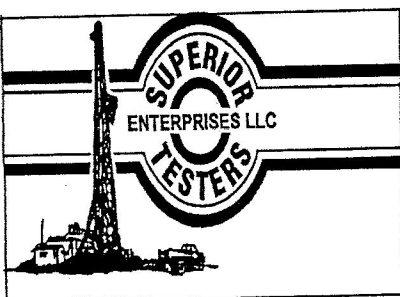
23-19s-10w-Rice
Pioneer-Schubert
 Job Ticket: 17557 DST#: 2
 Test Start: 2013.03.11 @ 03:05:00

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

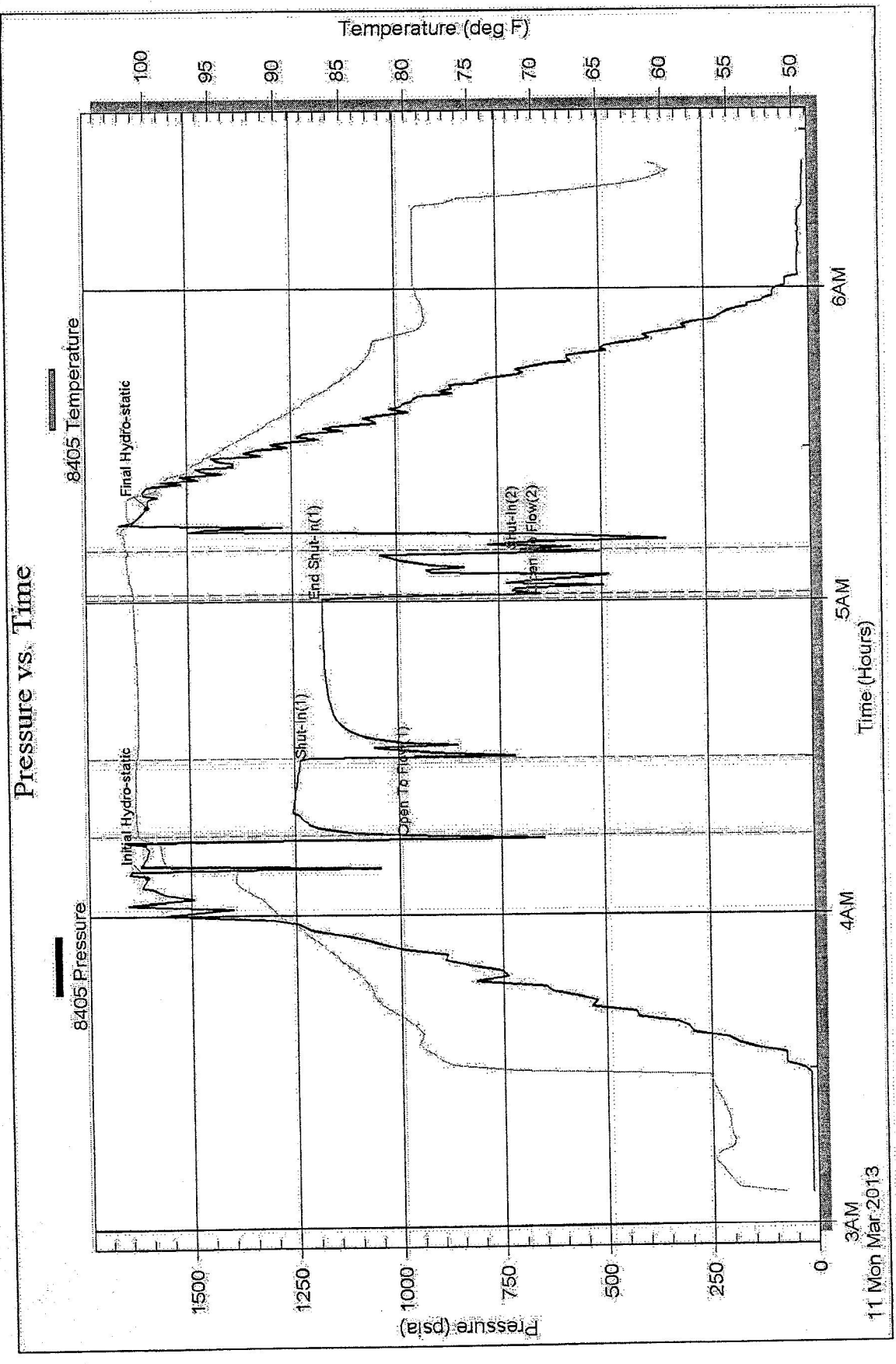
Roneef Schubert

Bird Dog Oil, LLC

Inside

Serial #: 8405

Pressure vs. Time



Printed: 2013.03.11 @ 18:48:38

Ref. No: 17557

Superior Testers Enterprises LLO

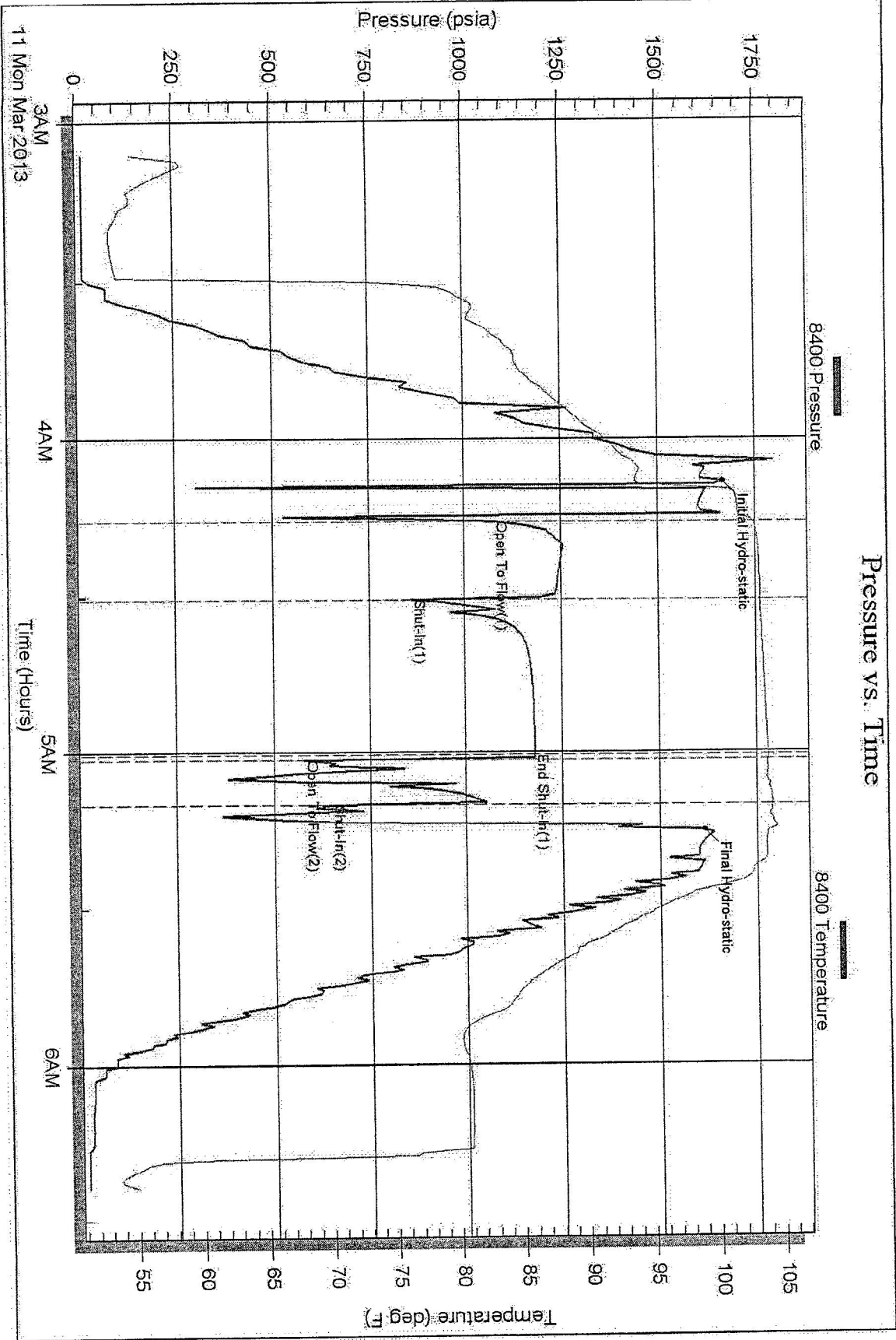
Serial #: 8400

Outside: Bird Dog Oil, LLC

Pioneer Schubert

DST Test Number 2

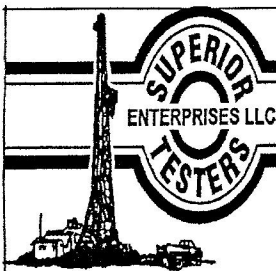
Pressure vs. Time



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

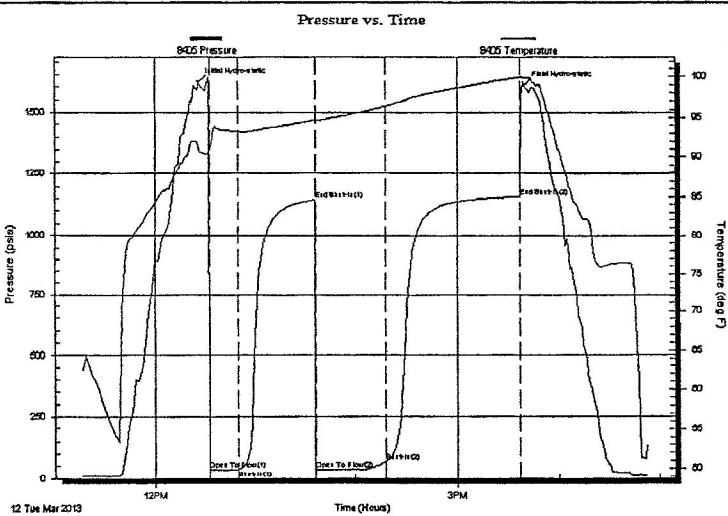
23-19s-10w-Rice
Pioneer-Schubert
 Job Ticket: 17558 DST#: 3
 Test Start: 2013.03.12 @ 11:15:00

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

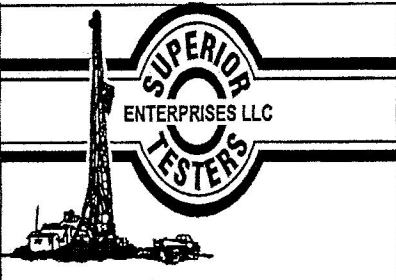
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1617.74	90.89	Initial Hydro-static
7	34.15	91.14	Open To Flow (1)
24	34.18	93.15	Shut-In(1)
70	1145.43	94.61	End Shut-In(1)
71	34.82	94.59	Open To Flow (2)
112	68.98	96.39	Shut-In(2)
191	1160.45	99.95	End Shut-In(2)
193	1606.55	99.86	Final Hydro-static

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

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

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

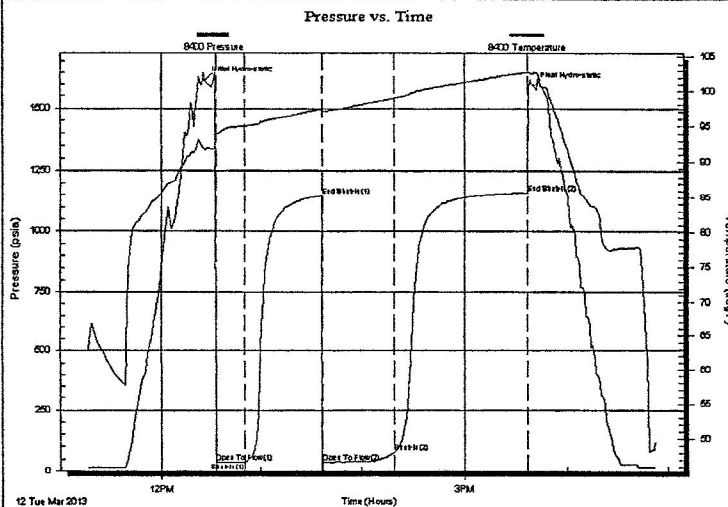
Start Time: 11:15:00

End Time: 16:52:30

Time On Btm: 2013.03.12 @ 12:26:30

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

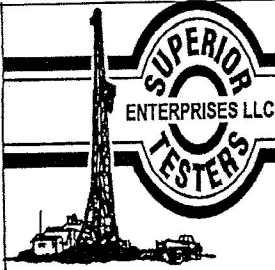
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1618.27	91.63	Initial Hydro-static
7	37.12	93.81	Open To Flow (1)
24	36.80	95.05	Shut-In(1)
70	1146.19	97.28	End Shut-In(1)
71	37.60	96.98	Open To Flow (2)
113	77.34	98.92	Shut-In(2)
191	1160.84	102.69	End Shut-In(2)
194	1594.48	102.58	Final Hydro-static

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

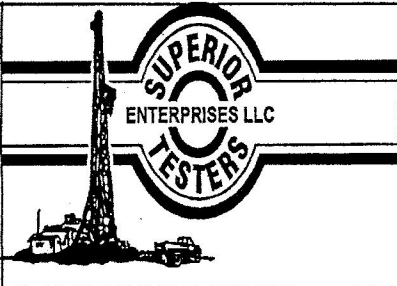
ATTN: Adam Kennedy

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

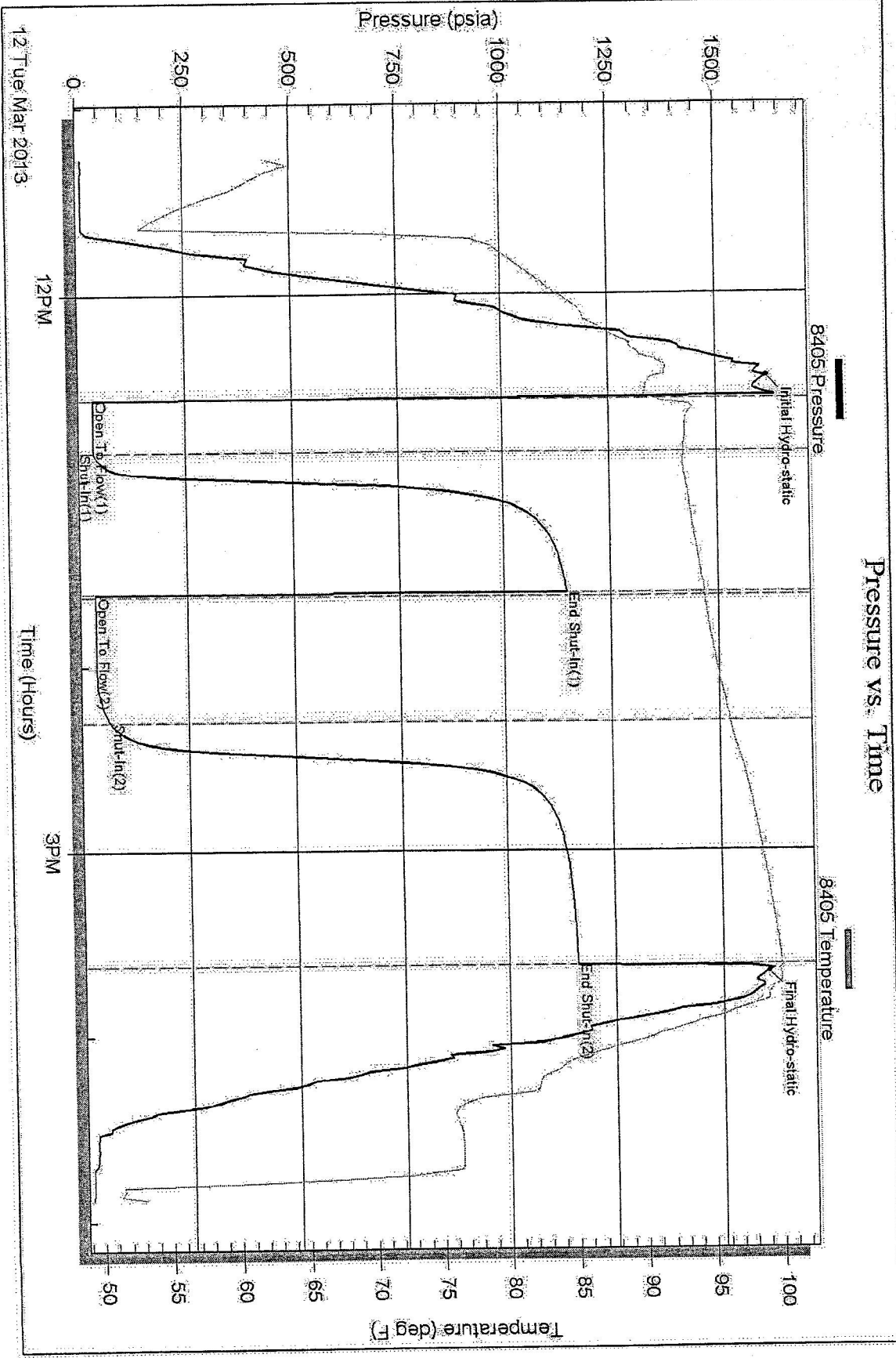
Inside

Bird Dog Oil, LLC

Rohrer-Schubert

DST Test Number: 3

Pressure vs. Time



Superior Testers Enterprises, LLC

Ref. No: 17658

Printed: 2013.03.12 @ 05:08:40

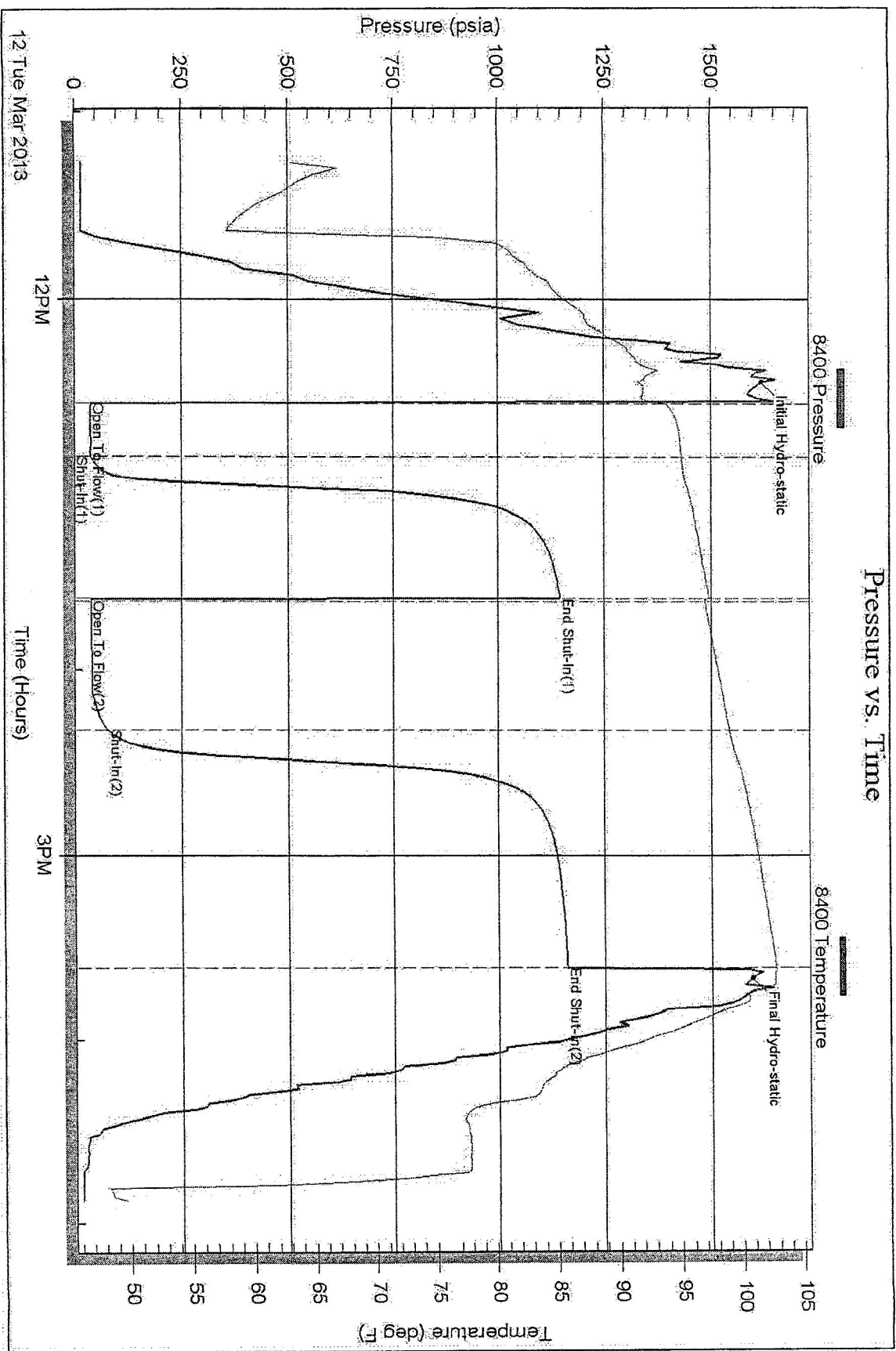
Serial #: 8400

Outside Bird Dog Oil, LLC

Pioneer Schubert

DST Test Number: 3

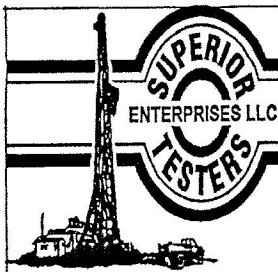
Pressure vs. Time



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

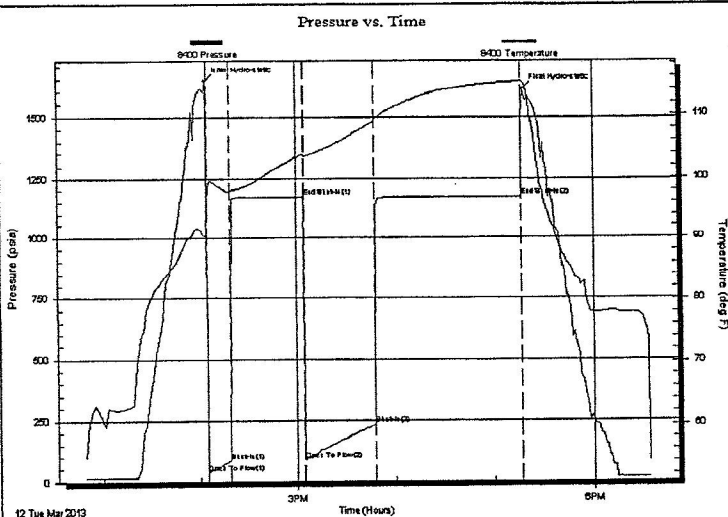
23-19s-10w-Rice
Pioneer-Schubert
 Job Ticket: 17559 DST#:4
 Test Start: 2013.03.12 @ 12:48:00

GENERAL INFORMATION:

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

Serial #: 8400 Outside
 Press@RunDepth: 235.30 psia @ 3293.00 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 @ 17:17:30

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

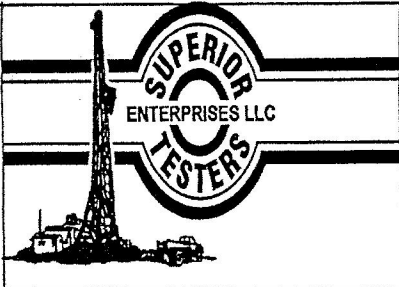
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1642.35	90.09	Initial Hydro-static
1	34.67	96.40	Open To Flow (1)
15	86.56	97.55	Shut-In(1)
60	1173.07	103.72	End Shut-In(1)
61	89.10	103.40	Open To Flow (2)
104	235.30	109.00	Shut-In(2)
192	1172.91	115.15	End Shut-In(2)
193	1608.63	115.08	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
4.00	Clean oil 100%	0.06
11.00	Oil cut muddy w ater.	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

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

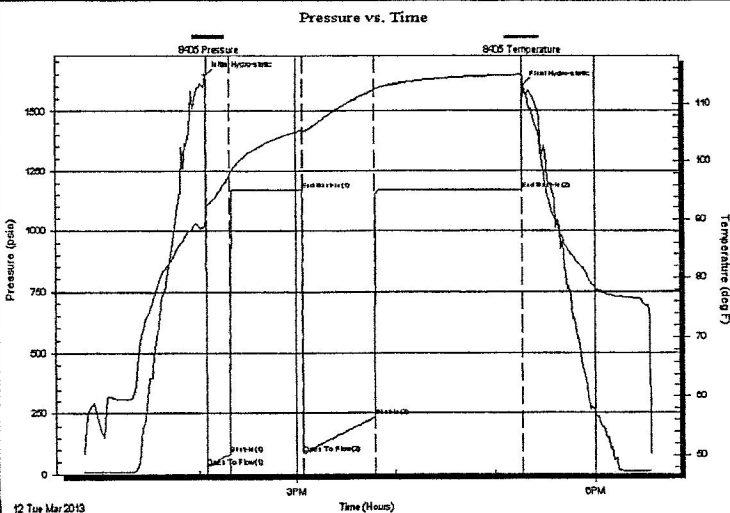
23-19s-10w-Rice
Pioneer-Schubert
 Job Ticket: 17559 DST#: 4
 Test Start: 2013.03.12 @ 12:48:00

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

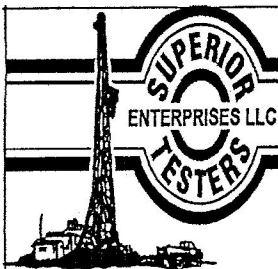
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1646.35	89.78	Initial Hydro-static
1	33.58	91.70	Open To Flow (1)
15	83.32	97.60	Shut-In(1)
60	1173.64	105.47	End Shut-In(1)
60	86.70	105.03	Open To Flow (2)
104	234.36	112.17	Shut-In(2)
192	1173.12	114.76	End Shut-In(2)
193	1602.41	114.56	Final Hydro-static

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

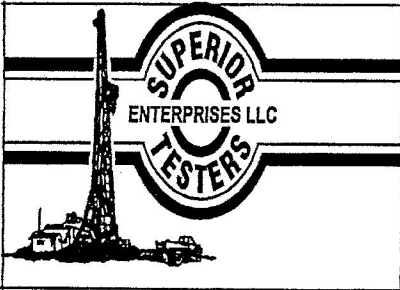
23-19s-10w-Rice
Pioneer-Schubert
 Job Ticket: 17559 DST#: 4
 Test Start: 2013.03.12 @ 12:48:00

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

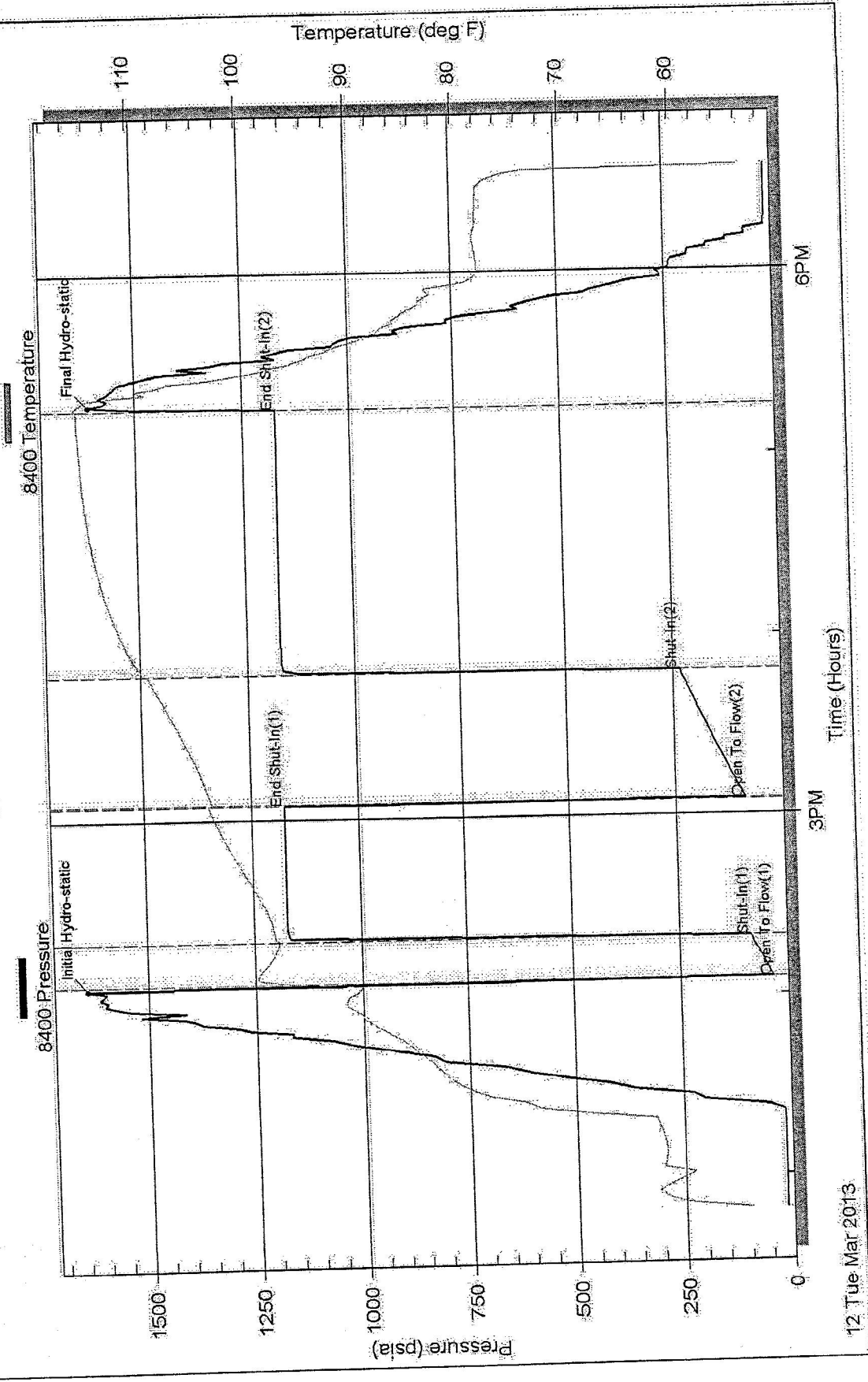
Pioneer Schubert

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

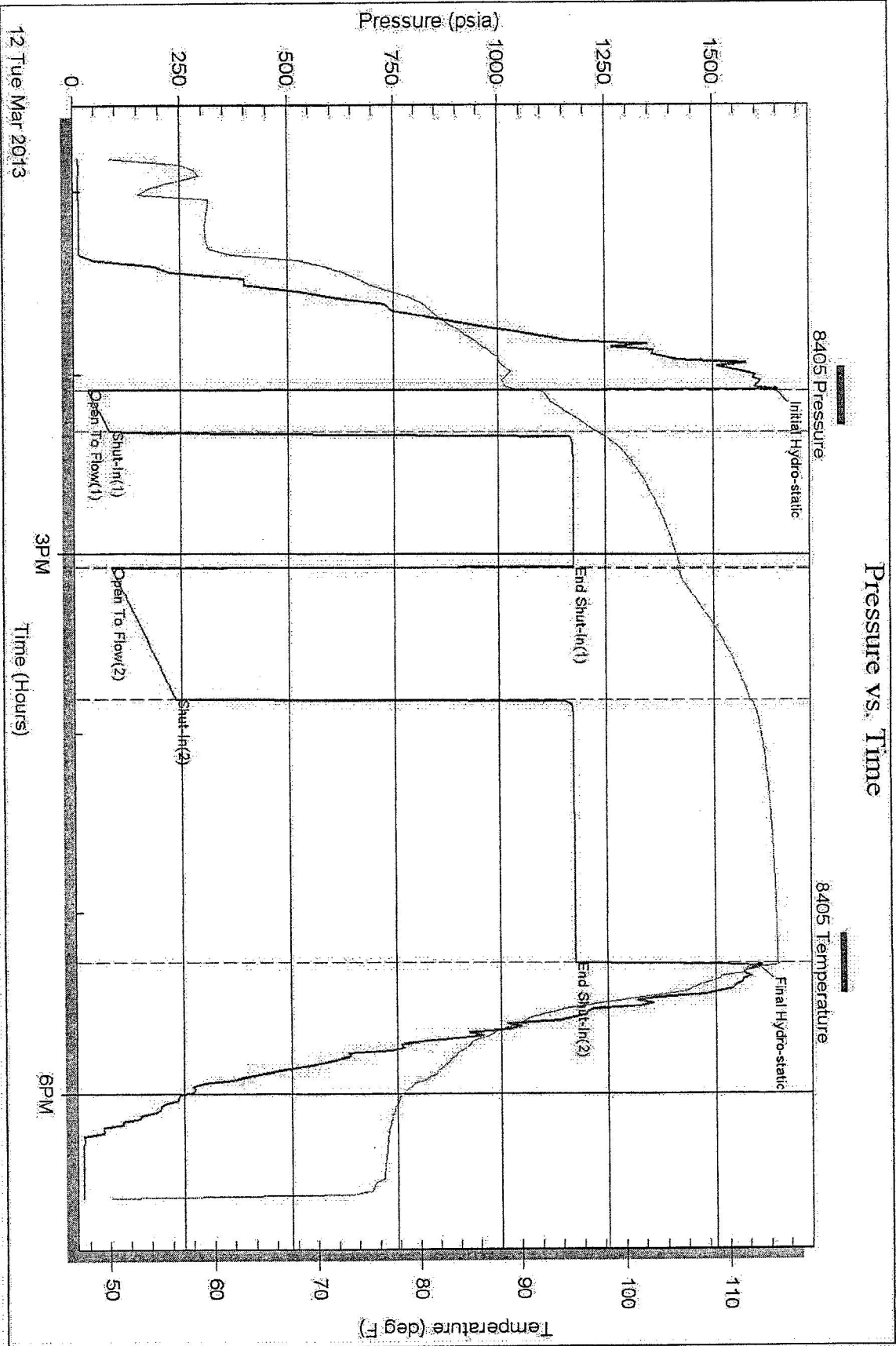
Inside

Bird Dog Oil, LLC

Pioneer-Schubert

DST Test Number: 4

Pressure vs. Time



12 Tue Mar 2013

Superior Testers Enterprises, LLC

Ref. No: 17559

Printed: 2013.03.12 @ 18:53:50