



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
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ 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> <input type="checkbox"/> Other <i>(Specify)</i> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Bird Dog Oil, LLC
Well Name	PIONEER-ORTH 1-30
Doc ID	1137269

All Electric Logs Run

DIL
MR
BHS
Por
Sonic

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

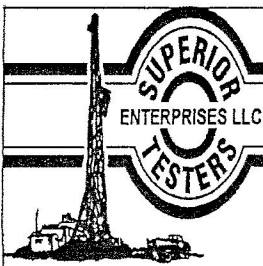
Phone 785-483-2025

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

No. 040

Cell 785-324-1041

Date	12-1-12	Sec.		Twp.		Range		County	Rice	State	Ks	On Location		Finish	11:20 AM
Lease	Pioneer Orth			Well No.	1-30			Location	Chase NW 2 N 1/4 E 1/4 S 10						
Contractor	Southwind 6							Owner	To Quality Oilwell Cementing, Inc.						
Type Job	Surface							You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.							
Hole Size	205 12 1/4		T.D.	12 1/4		305		Charge To	Bird Dog O-2						
Csg.	8 1/2		Depth	5 1/2		305		Street							
Tbg. Size								City	State						
Tool								City	State						
Cement Left in Csg.	15-20		Shoe Joint	The above was done to satisfaction and supervision of owner agent or contractor.											
Meas Line			Displace	18 1/2 BBL		Cement Amount Ordered		280 com 3+2 1/2 Flu							
EQUIPMENT															
Pumptrk	15	No.	Cementer	Dave		Common	280								
			Helper	Doug		Poz. Mix									
Bulktrk	14	No.	Driver			Gel.	7								
			Driver			Calcium	74								
Bulktrk		No.	Driver			Calcium									
			Driver			Calcium									
JOB SERVICES & REMARKS															
Remarks:								Hulls							
Rat Hole								Salt							
Mouse Hole								Flowseal	140#						
Centralizers								Kol-Seal							
Baskets								Mud CLR 48							
D/V or Port Collar								CFL-117 or CD110 CAF 38							
Lease Pioneer-Orth 1-30								Sand							
Rail Surface pipe broke cir								Handling	301						
Cement w/ 280 sk 1/2 flow								Mileage							
Cement Filled Cellar w/ 10 sk to pit								FLOAT EQUIPMENT							
Thanks								Guide Shoe							
								Centralizer							
								Baskets	1						
								AFU Inserts							
								Float Shoe							
								Latch Down	Swage						
								Pumptrk Charge	Surface						
								Mileage	26						
Tax															
Discount															
Total Charge															
X Signature <i>Wendy P. [Signature]</i>															



DRILL STEM TEST REPORT

TOOL DIAGRAM

Bird Dog Oil L.L.C

30-19-9 Rice

1801 Broadway ste # 450 Denver CO 80202

Pioneer-Orth 1-30

Job Ticket: 16984

DST#: 1

ATTN: Adam Kennedy

Test Start: 2012.12.06 @ 09:30:00

Tool Information

Drill Pipe:	Length: 3201.00 ft	Diameter: 3.80 inches	Volume: 44.90 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 44.90 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	29.00 ft			String Weight: Initial 49000.00 lb
Depth to Top Packer:	3200.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	48.00 ft			
Tool Length:	76.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

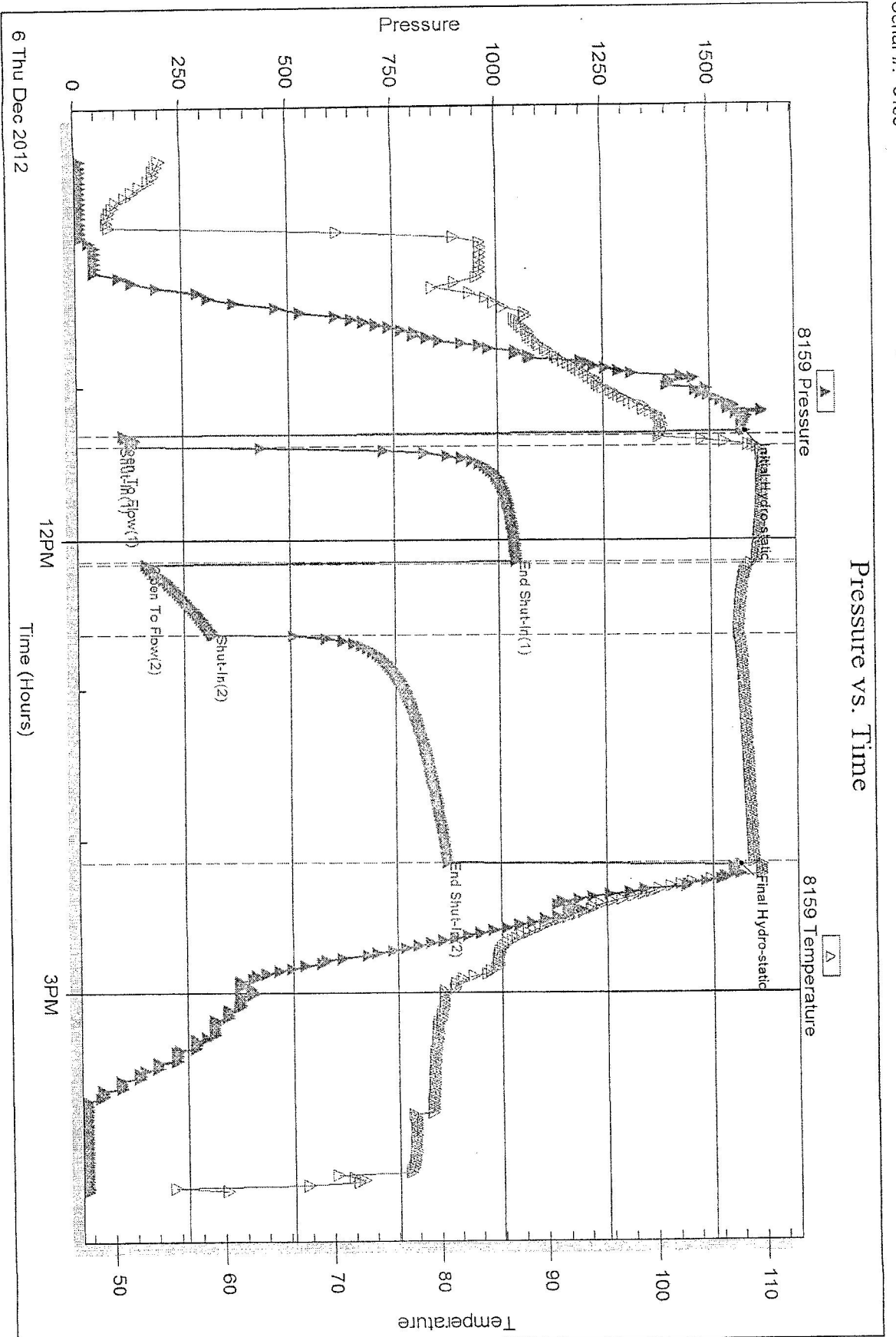
Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut-In Tool	5.00			3177.00	
Hydrolic Tool	5.00			3182.00	
Jars	6.00			3188.00	
Safety Joint	2.00			3190.00	
Packer	5.00			3195.00	28.00 Bottom Of Top Packer
Packer	5.00			3200.00	
Anchor	43.00			3243.00	
Recorder	1.00	6731	Inside	3244.00	
Recorder	1.00	8159	Outside	3245.00	
Bullnose	3.00			3248.00	48.00 Bottom Packers & Anchor
Total Tool Length:	76.00				

Serial #: 8159

Bird Dog Oil L.L.C

Pioneer-Orth 1-30

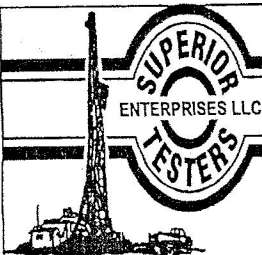
DST Test Number: 1



Superior Testers Enterprises LLC

Ref. No: 16984

Printed: 2012.12.09 @ 19:33:00



DRILL STEM TEST REPORT

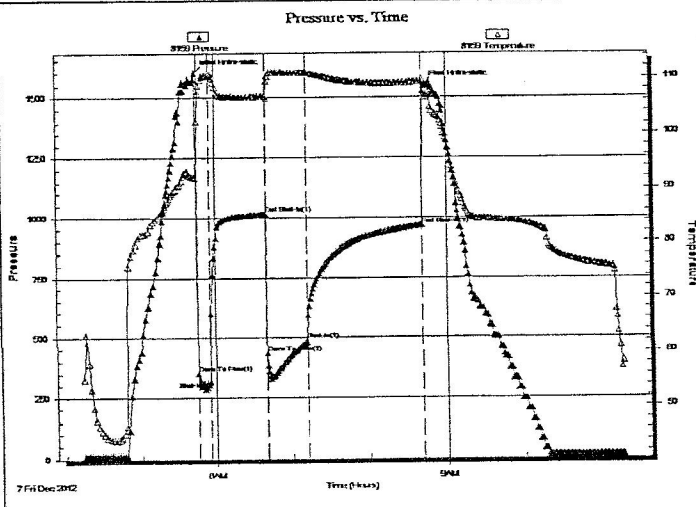
Bird Dog Oil L.L.C 30-19-9 Rice
 1801 Broadway ste # 450 Denver CO 80202 Pioneer-Orth 1-30
 A TTN: Adam Kennedy Job Ticket: 16985 DST#: 2
Test Start: 2012.12.07 @ 04:13:00

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 05:45:30
 Time Test Ended: 11:17:30
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Jon Strong
 Unit No: 3320-Great Bend- 50
 Interval: 3248.00 ft (KB) To 3258.00 ft (KB) (TVD)
 Reference Elevations: 1732.00 ft (KB)
 Total Depth: 3258.00 ft (KB) (TVD) 1724.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Poor KB to GR/CF: 8.00 ft

Serial #: 8159
 Press@RunDepth: 968.01 psia @ ft (KB) Capacity: 5000.00 psia
 Start Date: 2012.12.07 End Date: 2012.12.07 Last Calib.: 2012.12.07
 Start Time: 04:14:00 End Time: 11:17:30 Time On Btm: 2012.12.07 @ 05:44:30
 Time Off Btm: 2012.12.07 @ 08:43:30

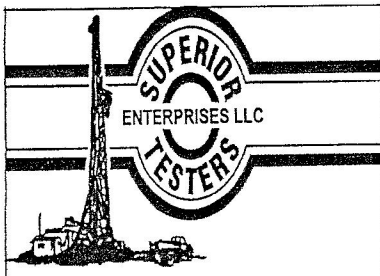
TEST COMMENT: 1st Opening 10 minutes- Strong Blow built bottom of bucket in 1 minute tool chased 6 feet to bottom
 1st Shut-in 45 minutes- No Blow Back
 2nd Opening 30 minutes- Strong Blow built bottom of bucket in 1 minute
 2nd Shut-in 90 minutes- No Blow Back



PRESSURE SUMMARY			
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1601.78	92.00	Initial Hydro-static
1	350.87	102.33	Open To Flow (1)
11	318.56	110.39	Shut-in(1)
56	1016.30	106.69	End Shut-In(1)
56	436.36	106.34	Open To Flow (2)
88	485.16	110.90	Shut-In(2)
177	968.01	109.32	End Shut-In(2)
179	1547.80	106.98	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
60.00	Muddy oil cut w ater-	0.84
0.00	Oil- 20% Mud-10% Water- 70%	0.00
300.00	Muddy oil 5%mud 95%oil	4.21
900.00	Clean gassy oil 5%gas 95%oil	12.62
0.00	60 feet gas in pipe	0.00
0.00	Chlorides 27000 resistivity .25@ 65 degr	0.00

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

Bird Dog Oil L.L.C

30-19-9 Rice

1801 Broadway ste # 450 Denver CO 80202

Pioneer-Orth 1-30

Job Ticket: 16985

DST#: 2

ATTN: Adam Kennedy

Test Start: 2012.12.07 @ 04:13:00

Tool Information

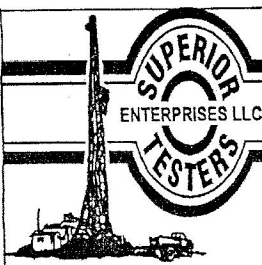
Drill Pipe: Length: 3232.00 ft Diameter: 3.80 inches Volume: 45.34 bbl
 Heavy Wt. Pipe: Length: 0.00 ft Diameter: 0.00 inches Volume: 0.00 bbl
 Drill Collar: Length: 0.00 ft Diameter: 0.00 inches Volume: 0.00 bbl
 Total Volume: 45.34 bbl

Drill Pipe Above KB: 12.00 ft
 Depth to Top Packer: 3248.00 ft
 Depth to Bottom Packer: ft
 Interval between Packers: 10.00 ft
 Tool Length: 38.00 ft
 Number of Packers: 2 Diameter: 6.75 inches

Tool Comments: Tool chased 6 feet to bottom/

Tool Weight: 1000.00 lb
 Weight set on Packer: 20000.00 lb
 Weight to Pull Loose: 70000.00 lb
 Tool Chased 6.00 ft
 String Weight: Initial 50000.00 lb
 Final 54000.00 lb

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut-In Tool	5.00			3225.00	
Hydrolic Tool	5.00			3230.00	
Jars	6.00			3236.00	
Safety Joint	2.00			3238.00	
Packer	5.00			3243.00	28.00 Bottom Of Top Packer
Packer	5.00			3248.00	
Anchor	5.00			3253.00	
Recorder	1.00	6731	Inside	3254.00	
Recorder	1.00	8159	Outside	3255.00	
Bullnose	3.00			3258.00	10.00 Bottom Packers & Anchor
Total Tool Length:	38.00				



DRILL STEM TEST REPORT

FLUID SUMMARY

Bird Dog Oil L.L.C

30-19-9 Rice

1801 Broadway ste # 450 Denver CO 80202

Pioneer-Orth 1-30

Job Ticket: 16985

DST#: 2

ATTN: Adam Kennedy

Test Start: 2012.12.07 @ 04:13:00

Mud and Cushion Information

Mud Type: Gel Chem
 Mud Weight: 9.00 lb/gal
 Viscosity: 49.00 sec/qt
 Water Loss: 7.98 in³
 Resistivity: ohm.m
 Salinity: 6700.00 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
60.00	Muddy oil cut water-	0.842
0.00	Oil- 20% Mud-10% Water- 70%	0.000
300.00	Muddy oil 5%mud 95%oil	4.208
900.00	Clean gassy oil 5%gas 95%oil	12.625
0.00	60 feet gas in pipe	0.000
0.00	Chlorides 27000 resistivity .25@ 65 degr	0.000
0.00	Gravity Oil 44	0.000

Total Length: 1260.00 ft Total Volume: 17.675 bbl

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

Laboratory Name: Laboratory Location:

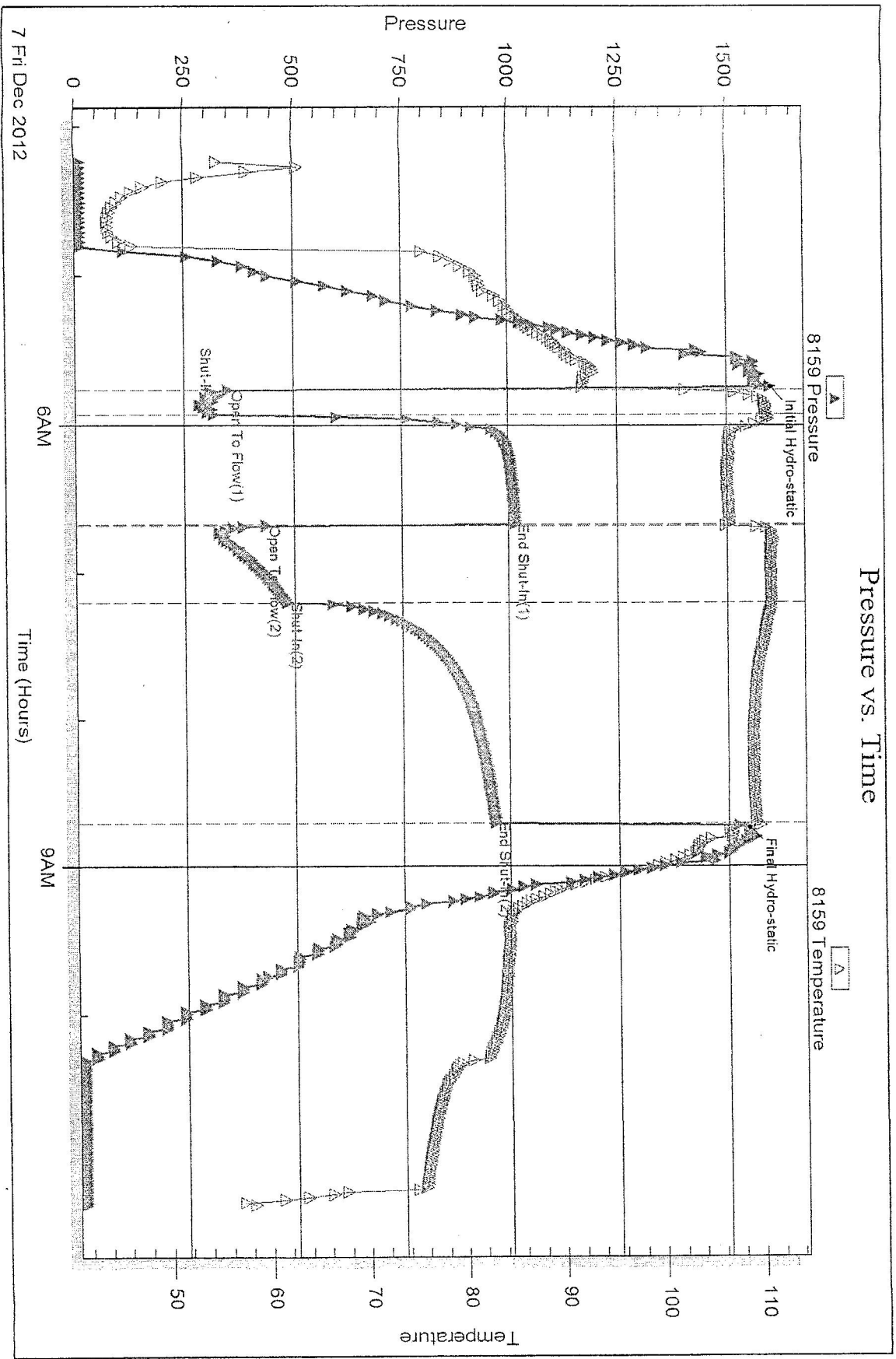
Recovery Comments: Chlorids- 27000, RW-.25 and Gravity- 44

Serial #: 8159

Bird Dog Oil L.L.C

Pioneer-Orth 1-30

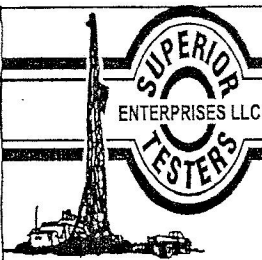
DST Test Number: 2



Superior Testers Enterprises LLC

Ref. No: 16985

Printed: 2012.12.09 @ 19:33:15



DRILL STEM TEST REPORT

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

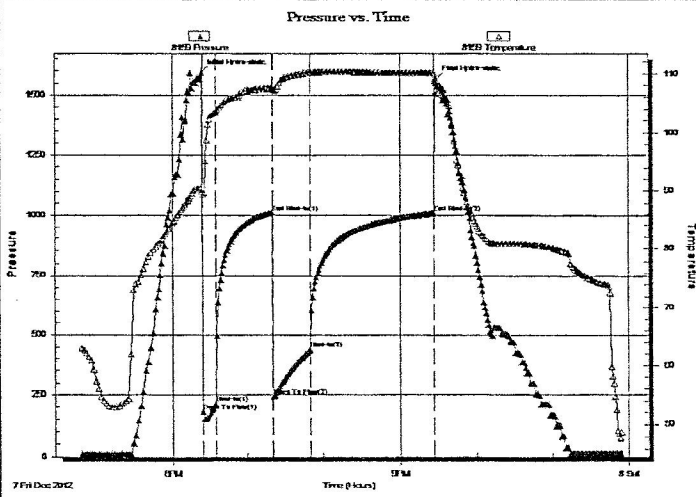
30-19-9 Rice
 Pioneer-Orth 1-30
 Job Ticket: 16986 DST#: 3
 Test Start: 2012.12.07 @ 16:45:00

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 18:24:00
 Time Test Ended: 23:54:00
 Interval: 3258.00 ft (KB) To 3268.00 ft (KB) (TVD)
 Total Depth: 3258.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Jon Strong
 Unit No: 3320 Great Bend- 50
 Reference Elevations: 1732.00 ft (KB)
 1724.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8159 Outside
 Press@RunDepth: 1011.07 psia @ 3265.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2012.12.07 End Date: 2012.12.07 Last Calib.: 2012.12.08
 Start Time: 16:46:00 End Time: 23:54:30 Time On Btm: 2012.12.07 @ 18:23:30
 Time Off Btm: 2012.12.07 @ 21:28:00

TEST COMMENT: 1st Opening 10 Minutes- Strong Blow built bottom of bucket in 2 minutes
 1st Shut-in 45 minutes- 1" Blow Back
 2nd Opening 30 minutes- Strong blow built bottom of bucket in 2 minutes
 2nd Shut-in 90 minutes- 5" blow back



PRESSURE SUMMARY

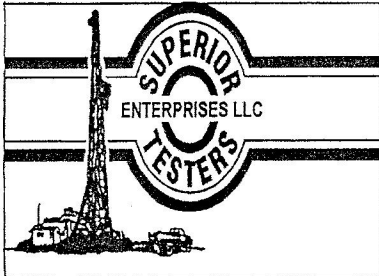
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1593.31	89.96	Initial Hydro-static
1	180.66	89.50	Open To Flow (1)
12	215.98	103.44	Shut-In(1)
56	1014.11	107.49	End Shut-In(1)
57	242.13	107.37	Open To Flow (2)
87	441.01	110.22	Shut-In(2)
183	1011.07	110.10	End Shut-In(2)
185	1562.50	109.30	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
720.00	10% Gas 40%Oil 10%Mud 40%Water	10.10
0.00	Gassy Mud Oil cut Water	0.00
334.00	Clean Gassy Oil	4.69
0.00	10% Gas 90% Oil	0.00
0.00	120 Gas In Pipe	0.00
0.00	Chlorides 20,000 resistivity .5 @ 60 deg	0.00

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

Bird Dog Oil L.L.C

30-19-9 Rice

1801 Broadway ste # 450 Denver CO 80202

Pioneer-Orth 1-30

Job Ticket: 16986

DST#: 3

ATTN: Adam Kennedy

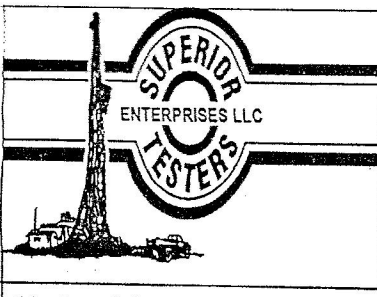
Test Start: 2012.12.07 @ 16:45:00

Tool Information

Drill Pipe:	Length: 3235.00 ft	Diameter: 3.80 inches	Volume: 45.38 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	55000.00 lb
			<u>Total Volume: 45.38 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial	50000.00 lb
Depth to Top Packer:	3258.00 ft			Final	55000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	10.00 ft				
Tool Length:	38.00 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			3235.00	
Hydrolic Tool	5.00			3240.00	
Jars	6.00			3246.00	
Safety Joint	2.00			3248.00	
Packer	5.00			3253.00	28.00 Bottom Of Top Packer
Packer	5.00			3258.00	
Anchor	5.00			3263.00	
Recorder	1.00	6731	Inside	3264.00	
Recorder	1.00	8159	Outside	3265.00	
Bullnose	3.00			3268.00	10.00 Bottom Packers & Anchor
Total Tool Length:	38.00				



DRILL STEM TEST REPORT

FLUID SUMMARY

Bird Dog Oil L.L.C
 1801 Broadway ste # 450 Denver CO 80202
 ATTN: Adam Kennedy

30-19-9 Rice
Pioneer-Orth 1-30
 Job Ticket: 16986 DST#: 3
 Test Start: 2012.12.07 @ 16:45:00

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: 50.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.20 in*	Gas Cushion Type:		
Resistivity: 0.50 ohm.m	Gas Cushion Pressure: psia		
Salinity: 7500.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
720.00	10% Gas 40%Oil 10%Mud 40%Water	10.100
0.00	Gassy Mud Oil cut Water	0.000
334.00	Clean Gassy Oil	4.685
0.00	10% Gas 90% Oil	0.000
0.00	120 Gas in Pipe	0.000
0.00	Chlorides 20,000 resistivity .5 @ 60 deg	0.000
0.00	Gravity oil 44	0.000

Total Length: 1054.00 ft Total Volume: 14.785 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: Chlorides 20,000 resistivity .5 @60 degrees /Gravity oil 44

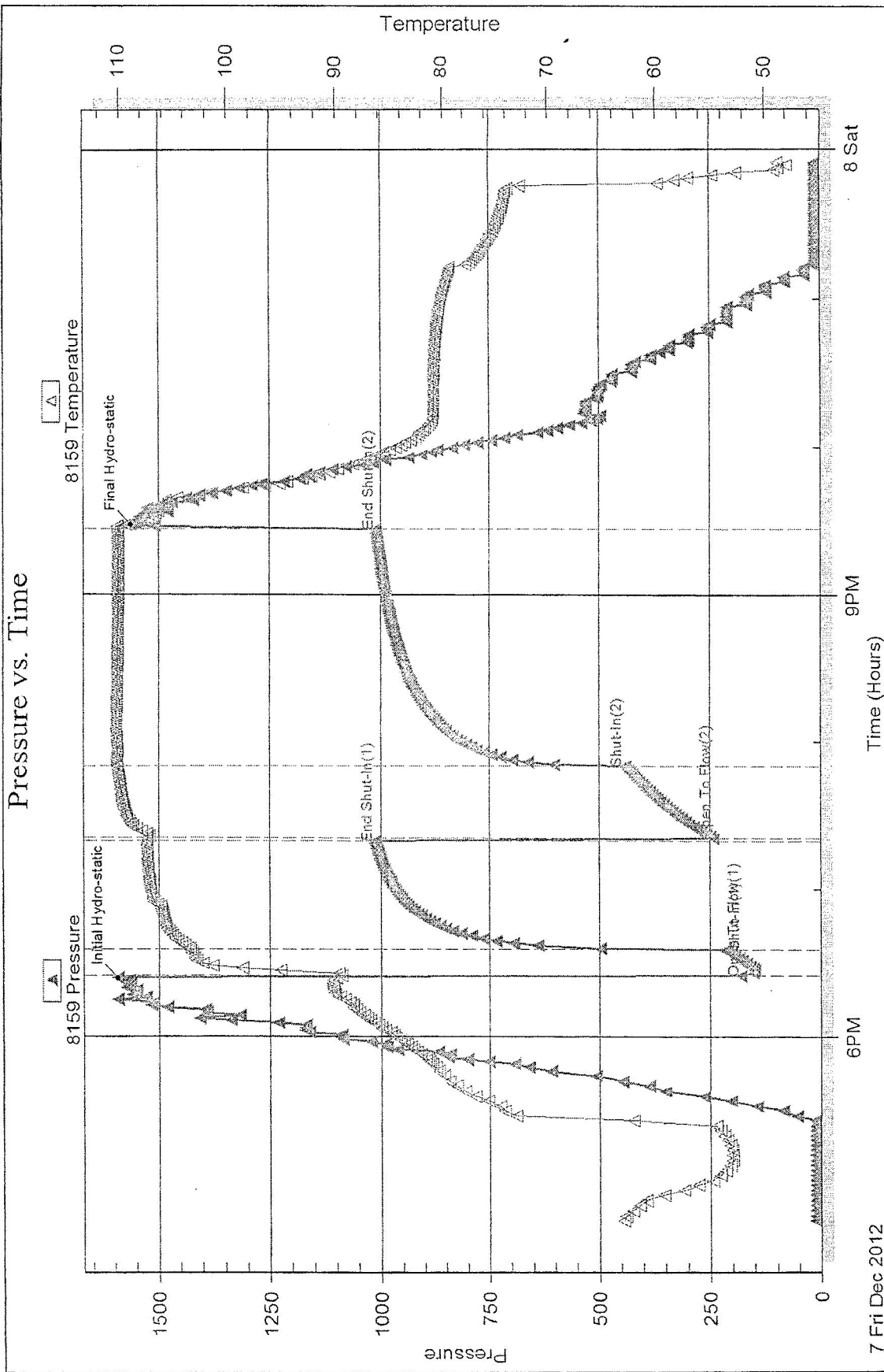
DST Test Number: 3

Pioneer-Orth 1-30

Outside Bird Dog Oil L.L.C

Serial #: 8159

Pressure vs. Time



Printed: 2012.12.09 @ 19:33:31

Ref. No: 16986

Superior Testers Enterprises LLC