



DRILL STEM TEST REPORT

Prepared For: **FALCON EXPLORATION INC.**

125 NORTH MARKET SUITE 1252

ATTN: DAVE WILLIAMS

CHESTER-REXFORD 1-35

35-27S-30W GRAY

Start Date: 2015.10.20 @ 13:58:00

End Date: 2015.10.20 @ 20:10:00

Job Ticket #: 01243 DST #: 5

Eagle Testers
1309 Patton Road Great Bend, Kansas 67530
620-791-7394

Printed: 2015.10.20 @ 20:23:41



DRILL STEM TEST REPORT

FALCON EXPLORATION INC.
 125 NORTH MARKET SUITE 1252
 ATTN: DAVE WILLIAMS

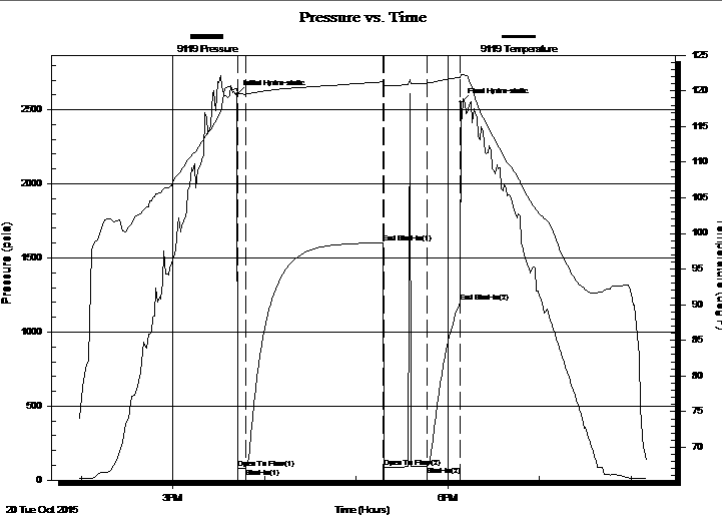
35-27S-30W GRAY
CHESTER-REXFORD 1-35
 Job Ticket: 01243 **DST#: 5**
 Test Start: 2015.10.20 @ 13:58:00

GENERAL INFORMATION:

Formation: **MISSISSIPPI -ST LOUI**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 15:42:00
 Time Test Ended: 20:10:00
 Test Type: Conventional Bottom Hole (Initial)
 Tester: GENE BUDIG
 Unit No: 1
 Interval: **5150.00 ft (KB) To 5152.00 ft (KB) (TVD)**
 Reference Elevations: 2805.00 ft (KB)
 Total Depth: 5251.00 ft (KB) (TVD)
 2792.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 KB to GR/CF: 13.00 ft

Serial #: 9119 Inside
 Press@RunDepth: 1203.05 psia @ 5246.39 ft (KB) Capacity: 5000.00 psia
 Start Date: 2015.10.20 End Date: 2015.10.20 Last Calib.: 2015.10.20
 Start Time: 13:58:00 End Time: 20:10:30 Time On Btm: 2015.10.20 @ 15:42:00
 Time Off Btm: 2015.10.20 @ 18:08:30

TEST COMMENT: 1ST OPENING 5 MINUTES-VERY WEAK SURFACE BLOW THROUGH OUT
 1ST SHUT-IN 90 MINUTES-NO BLOW BACK
 2ND OPENING 30 MINUTES-NO BLOW-FLUSHED TOOL-GOOD SURGE -NO HELP
 2ND SHUT-IN 20 MINUTES-NO BLOW BACK



PRESSURE SUMMARY			
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2603.14	120.29	Initial Hydro-static
1	80.17	119.61	Open To Flow (1)
6	82.47	119.54	Shut-In(1)
96	1602.42	121.26	End Shut-In(1)
96	85.53	120.85	Open To Flow (2)
124	95.73	121.07	Shut-In(2)
146	1203.05	121.89	End Shut-In(2)
147	2548.09	122.30	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
30.00	DRILLING MUD	0.15

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



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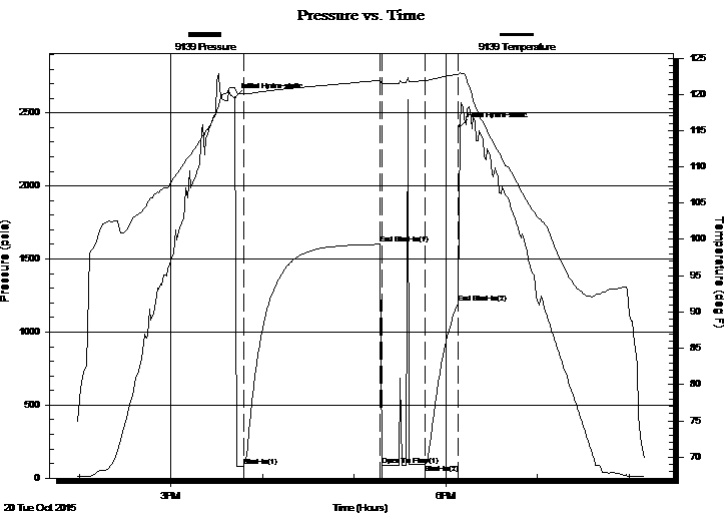
35-27S-30W GRAY
CHESTER-REXFORD 1-35
 Job Ticket: 01243 **DST#: 5**
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 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: GENE BUDIG
 Unit No: 1
 Reference Elevations: 2805.00 ft (KB)
 2792.00 ft (CF)
 KB to GR/CF: 13.00 ft

Serial #: 9139 Outside
 Press@RunDepth: 1201.61 psia @ 5246.39 ft (KB) Capacity: 5000.00 psia
 Start Date: 2015.10.20 End Date: 2015.10.20 Last Calib.: 2015.10.20
 Start Time: 13:58:00 End Time: 20:10:30 Time On Btm: 2015.10.20 @ 15:42:00
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 2ND OPENING 30 MINUTES-NO BLOW-FLUSHED TOOL-GOOD SURGE -NO HELP
 2ND SHUT-IN 20 MINUTES-NO BLOW BACK



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2602.90	120.97	Initial Hydro-static
6	82.56	120.05	Shut-In(1)
95	1600.53	121.92	End Shut-In(1)
96	86.46	121.52	Open To Flow (1)
125	94.57	121.89	Shut-In(2)
147	1201.61	122.74	End Shut-In(2)
147	2408.35	123.01	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	DRILLING MUD	0.15

Gas Rates

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



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TOOL DIAGRAM

FALCON EXPLORATION INC.
 125 NORTH MARKET SUITE 1252
 ATTN: DAVE WILLIAMS

35-27S-30W GRAY
CHESTER-REXFORD 1-35
 Job Ticket: 01243 **DST#: 5**
 Test Start: 2015.10.20 @ 13:58:00

Tool Information

Drill Pipe:	Length: 5067.00 ft	Diameter: 3.80 inches	Volume: 71.08 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 60.00 ft	Diameter: 2.25 inches	Volume: 0.30 bbl	Weight to Pull Loose: 84000.00 lb
			Total Volume: 71.38 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial 72000.00 lb
Depth to Top Packer:	5150.00 ft			Final 72000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	101.39 ft			
Tool Length:	130.39 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			5126.00	
Hydraulic tool	5.00			5131.00	
Jars	7.00			5138.00	
Safety Joint	2.00		Fluid	5140.00	
Top Packer	5.00			5145.00	
Packer	5.00			5150.00	29.00 Bottom Of Top Packer
Anchor	6.00			5156.00	
Change Over Sub	0.75			5156.75	
Drill Pipe	63.89			5220.64	
Change Over Sub	0.75			5221.39	
Anchor	25.00			5246.39	
Recorder	0.00	9119	Inside	5246.39	
Recorder	0.00	9139	Outside	5246.39	
Bullnose	5.00			5251.39	101.39 Anchor Tool

Total Tool Length: 130.39



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FLUID SUMMARY

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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: 59.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.40 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psia		
Salinity: 2400.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	DRILLING MUD	0.148

Total Length: 30.00 ft Total Volume: 0.148 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

