



Diamond Testing General Report

**JAKE
FAHRENBRUCH - TESTER
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P.O. Box 157
Hoisington KS 67544
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General Information

Company Name	Falcon Exploration, Inc.	Well Name	Giles Land #1-29 (NW)
Well Operator	Falcon Exploration, Inc.	Unique Well ID	DST #1 Mississippian 5208'-5250'
Contact	Cynde Wolfe	Surface Location	Sec 29-30s-21w-Clark Co.-KS
Site Contact	Mac Armstrong	Test Unit	#5
Field	Wildcat	Pool	Wildcat
Well Type	Vertical	Job Number	F136
Prepared By	Jake Fahrenbruch	Qualified By	Mac Armstrong

Test Information

Test Type	Conventional Bottom-Hole	Test Purpose	Initial Test
Formation	Mississippian 5208'-5250'	Gauge Name	0062
Start Test Date	2013/06/11	Start Test Time	00:11:00
Final Test Date	2013/06/11	Final Test Time	11:34:00

Test Results

5 min initial flow: B.O.B. in 20 seconds, G.T.S. 2.5 minutes.
 90 min initial shut-in: Bled off 15 minutes, no blowback.
 120 min final flow: B.O.B. immediately, Gauge gas.
 150 min final shut-in: Bled off 20 minutes, no blowback.

Recovered: 80' Drilling Mud 100% mud
 Tool Sample: Drilling mud w/trace oil show
 Bottom-Hole Temp: 123 Deg F

Pressures:
 IHP: 2469
 IFP: 727-440
 ISIP: 1644
 FFP: 417-265
 FSIP: 1280
 FHP: 2468



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: gilesland1-29nwdst1

TIME ON: 00:11
TIME OFF: 11:34

Company Falcon Exploration, Inc. Lease & Well No. Giles Land #1-29 (NW)
Contractor Val Energy, Rig #1 Charge to Falcon Exploration, Inc.
Elevation 2335' KB Formation Mississippian Effective Pay _____ Ft. Ticket No. F136
Date 6.11.2013 Sec. 29 Twp. 30 S Range 21 W County Clark State KANSAS
Test Approved By Mac Armstrong Diamond Representative Jake Fahrenbruch

Formation Test No. 1 Interval Tested from 5208 ft. to 5250 ft. Total Depth 5250 ft.
Packer Depth 5203 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 5208 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 5187 ft. Recorder Number 0062 Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 5247 ft. Recorder Number 11033 Cap. 5,150 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chemical Viscosity 56 Drill Collar Length _____ ft. I.D. 2 1/4 in.
Weight 9.2+ Water Loss 10.4 cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
Chlorides 5300 P.P.M. Drill Pipe Length 5175 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number #5 (J&J) Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
Did Well Flow? G.T.S. Reversed Out NO Anchor Length 42 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. 8' perf in anchor Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: B.O.B. 20 seconds. G.T.S. 2.5 minutes. No blowback.
2nd Open: B.O.B. immediately. Guage gas. No blowback.

Recovered 80 ft. of Drilling Mud 100% mud
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: <u>Tool Sample: Drilling mud w/trace oil show</u>	Insurance
_____	Total

Time Set Packer(s) 03:17 A.M. P.M. Time Started Off Bottom 09:22 A.M. P.M. Maximum Temperature 123 Deg F

Initial Hydrostatic Pressure..... (A) 2469 P.S.I.
Initial Flow Period..... Minutes 5 (B) 727 P.S.I. to (C) 440 P.S.I.
Initial Closed In Period..... Minutes 90 (D) 1644 P.S.I.
Final Flow Period..... Minutes 120 (E) 417 P.S.I. to (F) 265 P.S.I.
Final Closed In Period..... Minutes 150 (G) 1280 P.S.I.
Final Hydrostatic Pressure..... (H) 2468 P.S.I.

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

Giles Land #1-29 (NW)

