



Diamond Testing General Report

**JAKE
FAHRENBRUCH - TESTER
Cell: (620) 282-8977**

P.O. Box 157
Hoisington KS 67544
Office: (800) 542-7313

General Information

Company Name Forestar Petroleum Corporation
Well Operator Forestar Petroleum Corporation
Contact Jack Renfro
Site Contact Mac Armstrong
Field NA
Well Type Vertical
Prepared By Jake Fahrenbruch

Well Name LCF #1-11
Unique Well ID DST #1 Lansing "L" -Marmaton 4250'-4380'
Surface Location Sec 11-17s-29w-Lane Co.-KS
Test Unit #5
Pool NA
Job Number F242
Qualified By Mac Armstrong

Test Information

Test Type BTM-HOLE (J&J W/SAMPLER & SHALE PKR)
Formation Lansing "L" - Marmaton 4250'-4380'
Start Test Date 2014/02/09
Final Test Date 2014/02/10

Test Purpose Initial Test
Gauge Name Inside 5951
Start Test Time 18:28:00
Final Test Time 04:05:00

Test Results

30 minute initial flow period: Weak blow, increased to 3" in bucket of diesel fuel.
60 minute initial shut-in period: No blow-back.
60 minute final flow period: Weak blow, increased to 2.75" in bucket of diesel fuel.
90 minute final shut-in period: No blow-back.

Recovered: 140' Drilling Mud, 100% mud

SAMPLER: 100% Drilling Mud @ 450 PSI

BOTTOM-HOLE TEMP: 115 DEG F

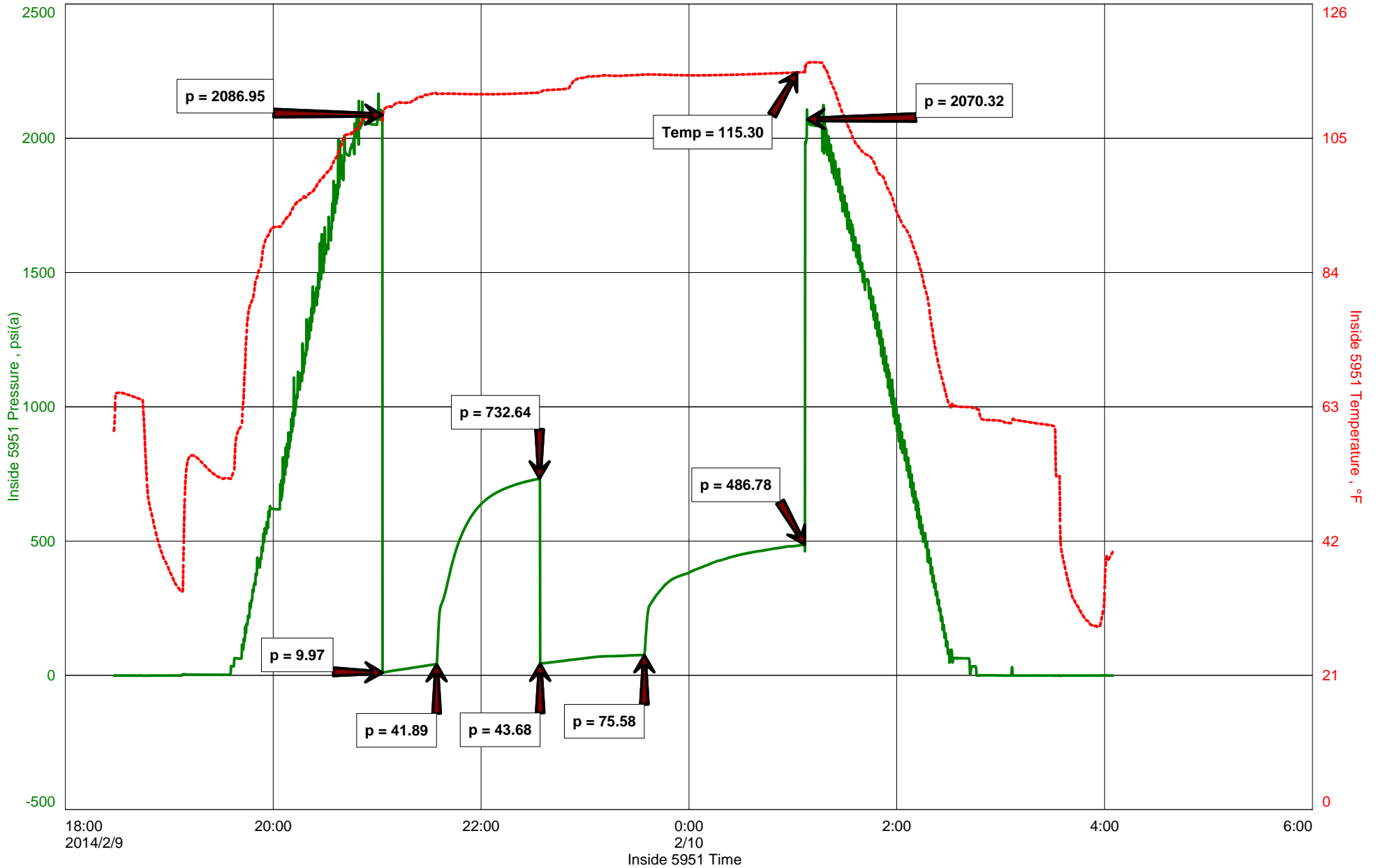
PRESSURES:
IHP: 2087
IFP: 10-42
ISIP: 733
FFP: 44-76
FSIP: 487
FHP: 2070

Thanks

Forestar Petroleum Corporation
DST #1 Lansing "L" -Marmaton 4250'-4380'
Start Test Date: 2014/02/09
Final Test Date: 2014/02/10

LCF #1-11
Formation: Lansing "L" - Marmaton 4250'-4380'
Pool: NA
Job Number: F242

LCF #1-11





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: LCF1DST1

TIME ON: 6:28 PM
TIME OFF: 4:05 AM 2-10-14

Company Forestar Petroleum Corporation Lease & Well No. LCF #1-11
Contractor WW Drlg. Rig #8 Charge to Forestar Petroleum Corporation
Elevation 2794' KB Formation Lansing "L" - Marmaton Effective Pay _____ Ft. Ticket No. F242
Date 2-9-14 SUN Sec. 11 Twp. _____ 17 S Range _____ 29 W County _____ Lane _____ State KANSAS
Test Approved By Mac Armstrong Diamond Representative Jake Fahrenbruch

Formation Test No. ONE Interval Tested from 4250 ft. to 4380 ft. Total Depth 4380 ft.
Packer Depth 4244 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 4250*SHALE* ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4227 ft. Recorder Number 5951 Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 4251 ft. Recorder Number 5584 Cap. 5,000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chemical Viscosity 54 (1# LCM) Drill Collar Length 125 ft. I.D. 2 1/4 in.
Weight 9.2 Water Loss 6.4 cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
Chlorides 2400 P.P.M. Drill Pipe Length 4088 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number #5 J&J.Sampler, Shale PKR Test Tool Length 37 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 130 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. ^{33"PERF(5TOP,28"BTM)} Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: Weak blow, increased to 3" in bucket of diesel fuel. No blow-back.

2nd Open: Weak blow, increased to 2.75" in bucket of diesel fuel. No blow-back.

| | |
|--|-----------------|
| Recovered <u>140</u> ft. of <u>Drilling Mud</u> | <u>100% mud</u> |
| Recovered _____ ft. of <u>SAMPLER: 100% Drilling Mud @ 450 PSI</u> | |
| Recovered _____ ft. of _____ | |
| Recovered _____ ft. of _____ | |
| Recovered _____ ft. of _____ | Price Job |
| Recovered _____ ft. of _____ | Other Charges |
| Remarks: <u>Jars, Safety Joint, Sample Chamber, Shale Packer</u> | Insurance |
| <u>330 miles round trip for DST #1</u> | |
| | Total |

Time Set Packer(s) 9:04 PM 2-9 ^{A.M.} P.M. Time Started Off Bottom 1:04 AM 2-10 ^{A.M.} P.M. Maximum Temperature 115 Deg F

Initial Hydrostatic Pressure..... (A) 2087 P.S.I.
Initial Flow Period..... Minutes 30 (B) 10 P.S.I. to (C) 42 P.S.I.
Initial Closed In Period..... Minutes 60 (D) 733 P.S.I.
Final Flow Period..... Minutes 60 (E) 44 P.S.I. to (F) 76 P.S.I.
Final Closed In Period..... Minutes 90 (G) 487 P.S.I.
Final Hydrostatic Pressure..... (H) 2070 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.