



# Diamond Testing General Report

**JAKE  
FAHRENBRUCH - TESTER  
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## General Information

<b>Company Name</b>	FORESTAR PETRO. CORP.	<b>Well Name</b>	LCF #1-11
<b>Well Operator</b>	FORESTAR PETRO. CORP.	<b>Unique Well ID</b>	DST #3 CHEROKEE-JOHNSON 4496'-4580'
<b>Contact</b>	JACK RENFRO	<b>Surface Location</b>	SEC 11-17S-29W-LANE CO.-KS
<b>Site Contact</b>	MAC ARMSTRONG	<b>Test Unit</b>	#5
<b>Field</b>	NA	<b>Pool</b>	NA
<b>Well Type</b>	Vertical	<b>Job Number</b>	F244
<b>Prepared By</b>	JAKE FAHRENBRUCH	<b>Qualified By</b>	MAC ARMSTRONG

## Test Information

<b>Test Type</b>	BTM-HOLE W/J&J, SMPLE CHMBR, SH PKR	<b>Test Purpose</b>	Initial Test
<b>Formation</b>	CHEROKEE-JOHNSON 4496'-4580'	<b>Gauge Name</b>	INSIDE 5951
<b>Start Test Date</b>	2014/02/11	<b>Start Test Time</b>	15:42:00
<b>Final Test Date</b>	2014/02/12	<b>Final Test Time</b>	00:03:00

## Test Results

30 MINUTE INITIAL FLOW PERIOD: FAIRLY STRONG BLOW, B.O.B. IN 18 MINUTES.  
 45 MINUTE INITIAL SHUT-IN PERIOD: BLOW-BACK @ .5".  
 45 MINUTE FINAL FLOW PERIOD: FAIRLY STRONG BLOW, B.O.B. IN 13 MINUTES.  
 60 MINUTE FINAL SHUT-IN PERIOD: BLOW-BACK @ 3.5".

### RECOVERED:

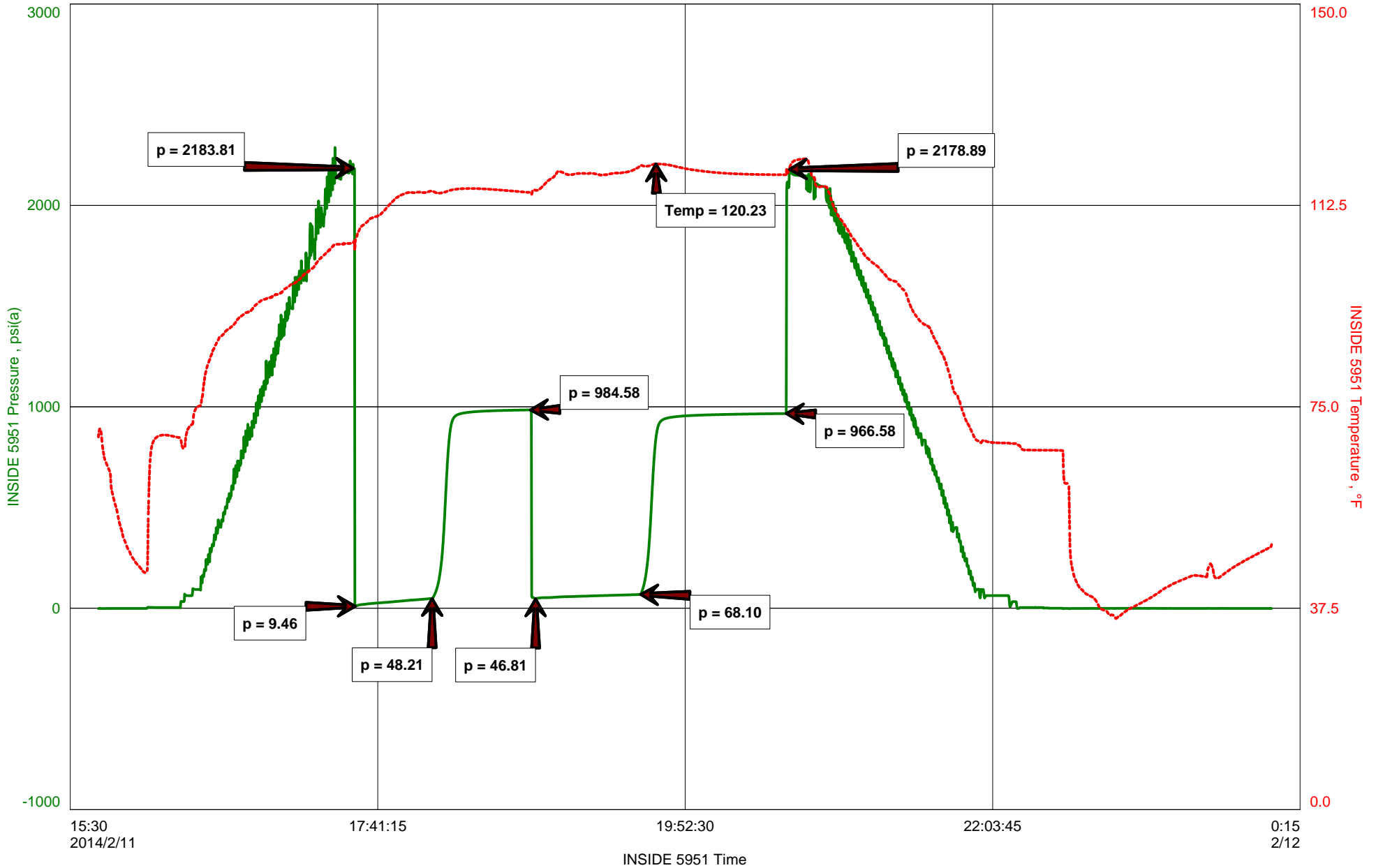
40' FREE OIL 100% OIL (.568 BBL OIL)  
 130' GCHMCO 10% GAS, 61% OIL, 29% MUD (.6835 BBL (~.417 BBL OIL))  
 -----  
 600' GAS IN PIPE  
 -----  
 TOTAL RECOVERED FLUID: 170' = 1.2515 BBL (~.985 BBL OIL)  
 -----  
 SAMPLE CHAMBER: SMCO, 93% OIL, 7% MUD @ 950 PSI  
 -----  
 BOTTOM-HOLE TEMP: 120 DEG F  
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 GRAVITY: 38.25 CORRECTED TO 60 DEG F

### PRESSURES:

IHP: 2184  
 IFP: 9-48  
 ISIP: 985  
 FFP: 47-68  
 FSIP: 967  
 FHP: 2179

THANKS!

# LCF #1-11





**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: LCF1DST3

TIME ON: 3:42 pm  
TIME OFF: 12:03 am 2-12

Company FORESTAR PETROLEUM CORPORATION Lease & Well No. LCF #1-11  
Contractor WW DRLG. RIG #8 Charge to FORESTAR PETRO. CORP.  
Elevation 2794' KB Formation CHEROKEE-JOHNSON Effective Pay \_\_\_\_\_ Ft. Ticket No. F244  
Date 2-11-12 TUES Sec. 11 Twp. \_\_\_\_\_ 17 S Range \_\_\_\_\_ 29 W County LANE State KANSAS  
Test Approved By MAC ARMSTRONG Diamond Representative JAKE FAHRENBRUCH

Formation Test No. THREE Interval Tested from 4496 ft. to 4580 ft. Total Depth 4580 ft.  
Packer Depth 4490 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Packer Depth 4496\*SHALE\* ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 4470 ft. Recorder Number 5951 Cap. 5,000 P.S.I.  
Bottom Recorder Depth (Outside) 4565 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 48 (1# LCM) Drill Collar Length 125 ft. I.D. 2 1/4 in.  
Weight 9.2 Water Loss 6.0 cc. Weight Pipe Length \_\_\_\_\_ ft. I.D. 2 7/8 in.  
Chlorides 2400 P.P.M. Drill Pipe Length 4334 ft. I.D. 3 1/2 in.

Jars: Make STERLING Serial Number \_\_\_\_\_ #5 (J&J, SAMPLER, SHALE PACKER) Test Tool Length 37 ft. Tool Size 3 1/2-IF in.  
Did Well Flow? NO Reversed Out NO Anchor Length 84 ft. Size 4 1/2-FH in.  
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. <sup>18"PERF(3"TOP,15"BTM)</sup> Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: FAIRLY STRONG BLOW, B.O.B. IN 18 MINUTES. BLOW-BACK @ .5"  
2nd Open: FAIRLY STRONG BLOW, B.O.B. IN 13 MINUTES. BLOW-BACK @ 3.5"

Recovered 40 ft. of FREE OIL 100% OIL (.568 BBL OIL)  
Recovered 130 ft. of GCHMCO 10 % GAS, 61% OIL, 29% MUD(.6835 BBL (~.417 BBL OIL))  
Recovered \_\_\_\_\_ ft. of SAMPLE CHAMBER: SMCO, 93% OIL, 7% MUD @ 950 PSI  
Recovered \_\_\_\_\_ ft. of TOTAL RECOVERED FLUID: 170' = 1.2515 BBL (~.985 BBL OIL)

Recovered _____ ft. of <u>GRAVITY: 38.25 CORRECTED TO 60 DEG F</u>	Price Job
Recovered _____ ft. of <u>600' GAS IN PIPE</u>	TEST: \$1,225.00 Other Charges
Remarks: _____	JARS, SAFETY-JOINT, SAMPLE CHAMBER, SHALE PACKER: \$775.00 Insurance
	55 MILES ROUND TRIP FOR DST #3: \$77.00
	TOTAL FOR DST #3: \$2,077.00 Total

Time Set Packer(s) 5:32 PM A.M. P.M. Time Started Off Bottom 8:32 PM A.M. P.M. Maximum Temperature 120 DEG F

Initial Hydrostatic Pressure..... (A) 2184 P.S.I.  
Initial Flow Period..... Minutes 30 (B) 9 P.S.I. to (C) 48 P.S.I.  
Initial Closed In Period..... Minutes 45 (D) 985 P.S.I.  
Final Flow Period..... Minutes 45 (E) 47 P.S.I. to (F) 68 P.S.I.  
Final Closed In Period..... Minutes 60 (G) 967 P.S.I.  
Final Hydrostatic Pressure..... (H) 2179 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.