



**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: farr1-11DST3

TIME ON: 08:23  
TIME OFF: 17:01

Company New Gulf Lease & Well No. Farr #1-11  
Contractor Val Rig #4 Charge to New Gulf  
Elevation 3122 KB Formation Altamont "A" Effective Pay \_\_\_\_\_ Ft. Ticket No. S0463  
Date 7-6-14 Sec. 11 Twp. 18 S Range 34 W County Scott State KANSAS  
Test Approved By John Goldsmith Diamond Representative Jacob McCallie

Formation Test No. 3 Interval Tested from 4470 ft. to 4550 ft. Total Depth 4550 ft.

Packer Depth 4465 ft. Size 6 3/4 in. Packer depth -- ft. Size 6 3/4 in.

Packer Depth 4470 ft. Size 6 3/4 in. Packer depth -- ft. Size 6 3/4 in.

Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 4451 ft. Recorder Number 5515 Cap. 5,000 P.S.I.

Bottom Recorder Depth (Outside) 4536 ft. Recorder Number 5586 Cap. 5,000 P.S.I.

Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type Chem Viscosity 52 Drill Collar Length 29 ft. I.D. 2 1/4 in.

Weight 9.4 Water Loss 10 cc. Weight Pipe Length -- ft. I.D. 2 7/8 in.

Chlorides 8,000 P.P.M. Drill Pipe Length 4408 ft. I.D. 3 1/2 in.

Jars: Make STERLING Serial Number 4 Test Tool Length 33 ft. Tool Size 3 1/2-IF in.

Did Well Flow? No Reversed Out No Anchor Length 80 (16.5A) ft. Size 4 1/2-FH in.

Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: 1" Blow- Built to BB in 6 min 10" BB

2nd Open: 1" Blow- Built to BB in 6 min BBBB

Recovered 1575 ft. of GIP

Recovered 25 ft. of HMCO 70% O 30% M

Recovered 441 ft. of CO 100% O GRAVITY: 26 @ 60 degrees F

Recovered 315 ft. of HOCM 42% O 58% M

Recovered 781 ft. of TOTAL FLUID

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Remarks: \_\_\_\_\_

TOOL SAMPLE: 62% O 38% M

Time Set Packer(s) 10:43 AM <sup>A.M.</sup>/<sub>P.M.</sub> Time Started Off Bottom 1:43 PM <sup>A.M.</sup>/<sub>P.M.</sub> Maximum Temperature 127

Initial Hydrostatic Pressure..... (A) 2147 P.S.I.

Initial Flow Period..... Minutes 30 (B) 25 P.S.I. to (C) 164 P.S.I.

Initial Closed In Period..... Minutes 45 (D) 1221 P.S.I.

Final Flow Period..... Minutes 45 (E) 173 P.S.I. to (F) 316 P.S.I.

Final Closed In Period..... Minutes 60 (G) 1207 P.S.I.

Final Hydrostatic Pressure..... (H) 2146 P.S.I.

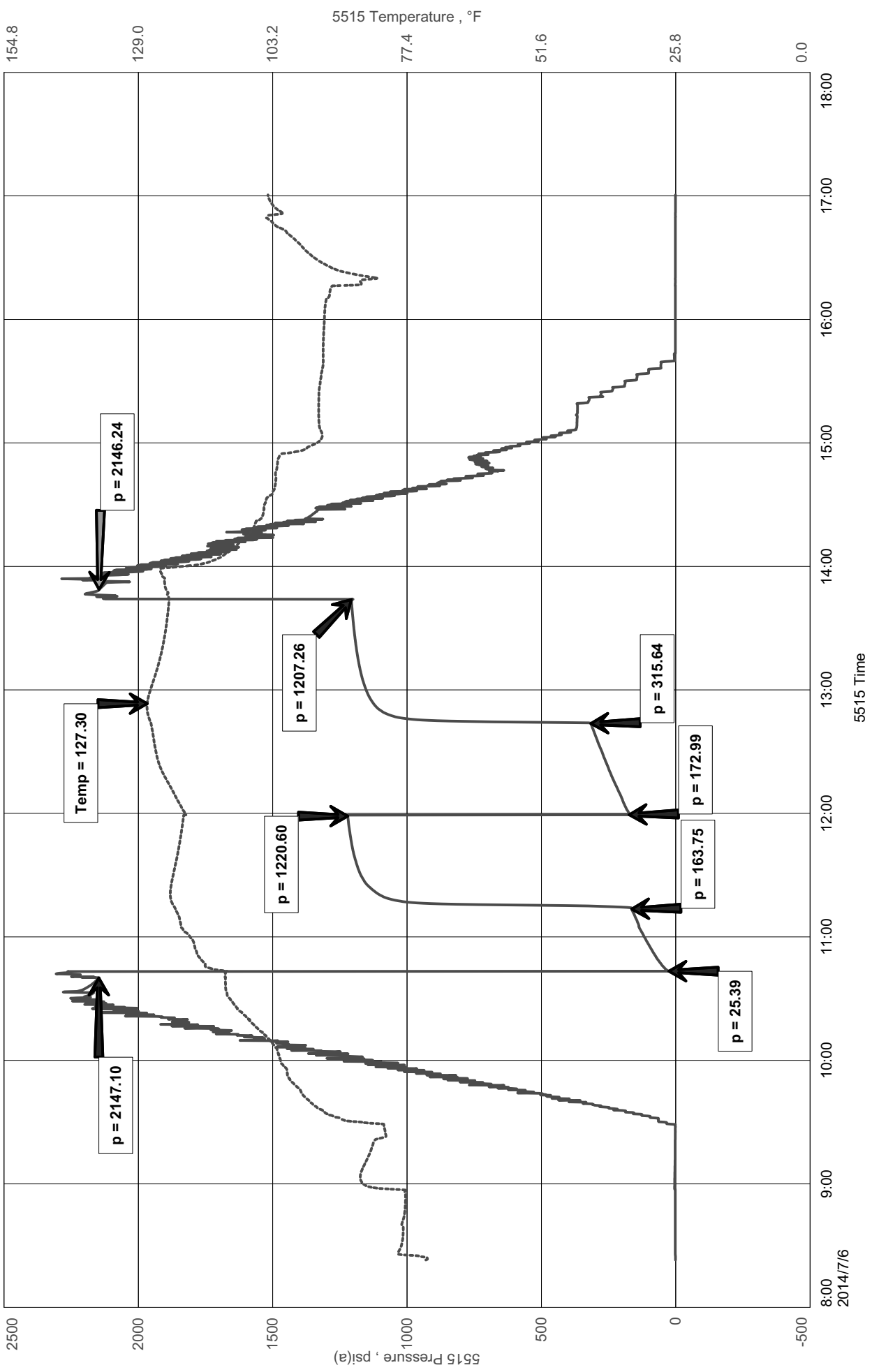
Price Job
Other Charges
Insurance
Total

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.

Farr #1-11  
 Formation: DST #3 Altamont "A" 4470-4550'  
 Pool: WC  
 Job Number: S0463

New Gulf  
 DST #3 Altamont "A" 4470-4550'  
 Start Test Date: 2014/07/06  
 Final Test Date: 2014/07/06

# Farr #1-11



# Diamond Testing LLC

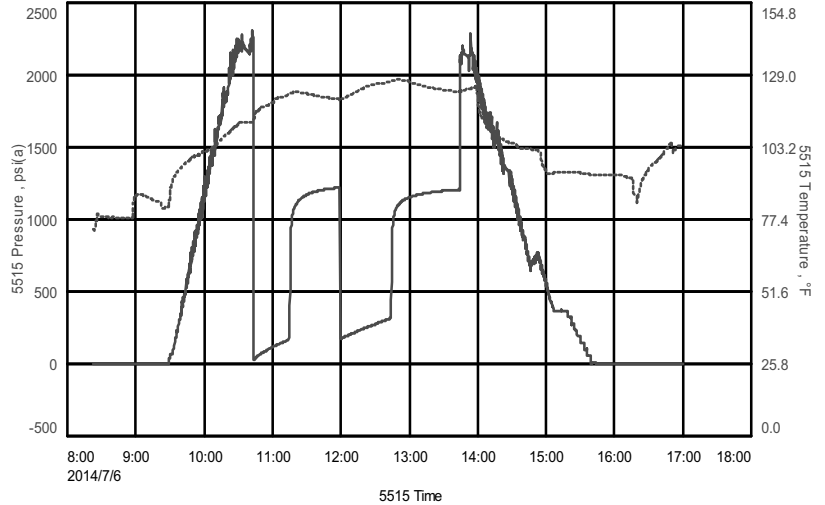
## General Information Report

Jacob McCallie  
620-617-7116  
mccallie.dtlc@gmail.com

### General Information

Company Name	New Gulf	Contact	Jim Henkle
Well Name	Farr #1-11	Unique Well ID	DST #3 Altamont "A" 4470-4550'
Surface Location	SEC 11-18S-34W	Field	Scott County Prime Pork
Well Type	Vertical	Test Type	Drill Stem Test
Formation	DST #3 Altamont "A" 4470-4550'	Well Fluid Type	01 Oil
Start Test Date	2014/07/06	Start Test Time	08:23:00
Final Test Date	2014/07/06	Final Test Time	17:01:00
Job Number	S0463	Representative	Jacob McCallie
Report Date	2014/07/06	Qualified By	John Goldsmith

### Farr #1-11



### Test Results

#### RECOVERY:

1575'	GIP	
25'	HMCO	70% O 30% M
441'	CO	100% O
315'	HOCM	42% O 58% M
781'	TOTAL FLUID	

GRAVITY: 26 @ 60 degrees F

#### TOOL SAMPLE:

62% O 38% M