



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: farr1-11DST1

TIME ON: 14:48
TIME OFF: 22:30

Company New Gulf Lease & Well No. Farr #1-11
Contractor Val Rig #4 Charge to New Gulf
Elevation 3122 KB Formation Lan A Effective Pay _____ Ft. Ticket No. S0461
Date 7-3-14 Sec. 11 Twp. 18 S Range 34 W County Scott State KANSAS
Test Approved By John Goldsmith Diamond Representative Jacob McCallie

Formation Test No. 1 Interval Tested from 4043 ft. to 4080 ft. Total Depth 4080 ft.

Packer Depth 4038 ft. Size 6 3/4 in. Packer depth -- ft. Size 6 3/4 in.

Packer Depth 4043 ft. Size 6 3/4 in. Packer depth -- ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4024 ft. Recorder Number 5515 Cap. 5,000 P.S.I.

Bottom Recorder Depth (Outside) 4046 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 55 Drill Collar Length 29 ft. I.D. 2 1/4 in.

Weight 8.9 Water Loss 7.2 cc. Weight Pipe Length -- ft. I.D. 2 7/8 in

Chlorides 4,400 P.P.M. Drill Pipe Length 3981 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 37 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 7 min **NOBB**

2nd Open: 1/2" Blow- Built to BB in 8 1/2 min **NOBB**

Recovered 71 ft. of HMCW 60% W 40% M (few oil specks)

Recovered 384 ft. of SLMCW 93% W 7% M (few oil specks)

Recovered 455 ft. of TOTAL FLUID

Recovered _____ ft. of _____

Recovered _____ ft. of PH: 7 Price Job _____

Recovered _____ ft. of RW: .19 @ 70 degrees F Other Charges _____

Remarks: Chlorides: 35,000 ppm Insurance _____

TOOL SAMPLE: 98% W 2% M (few oil specks) Total _____

Time Set Packer(s) 5:18 PM ^{A.M.}/_{P.M.} Time Started Off Bottom 7:48 PM ^{A.M.}/_{P.M.} Maximum Temperature 122

Initial Hydrostatic Pressure..... (A) 1907 P.S.I.

Initial Flow Period..... Minutes 30 (B) 33 P.S.I. to (C) 221 P.S.I.

Initial Closed In Period..... Minutes 45 (D) 1060 P.S.I.

Final Flow Period..... Minutes 30 (E) 227 P.S.I. to (F) 382 P.S.I.

Final Closed In Period..... Minutes 45 (G) 1053 P.S.I.

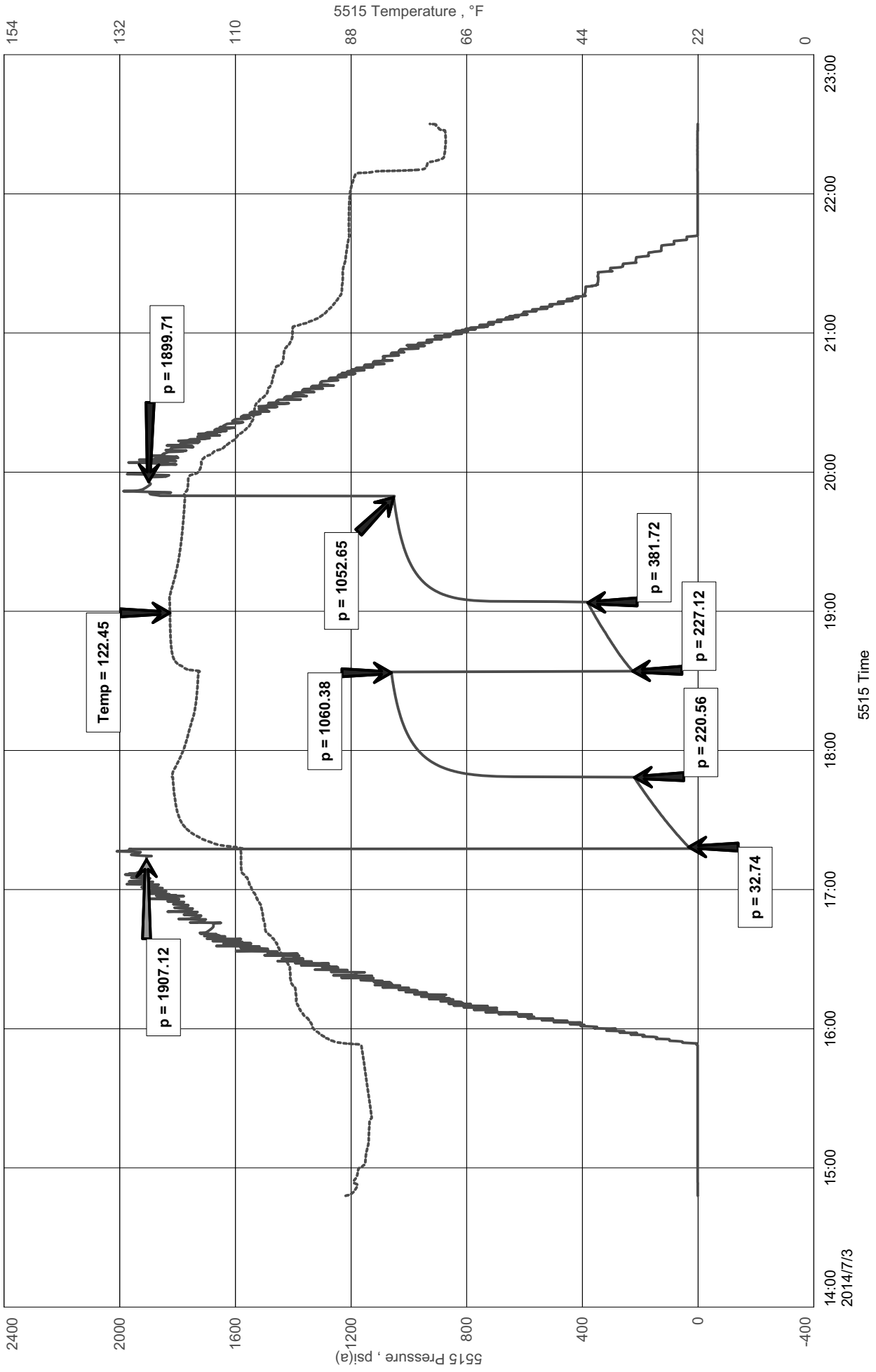
Final Hydrostatic Pressure..... (H) 1900 P.S.I.

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.

New Gulf
DST #1 Lans A 4043-4080'
Start Test Date: 2014/07/03
Final Test Date: 2014/07/03

Farr #1-11
Formation: DST #1 Lans A 4043-4080'
Pool: WC
Job Number: S0461

Farr #1-11



Diamond Testing LLC

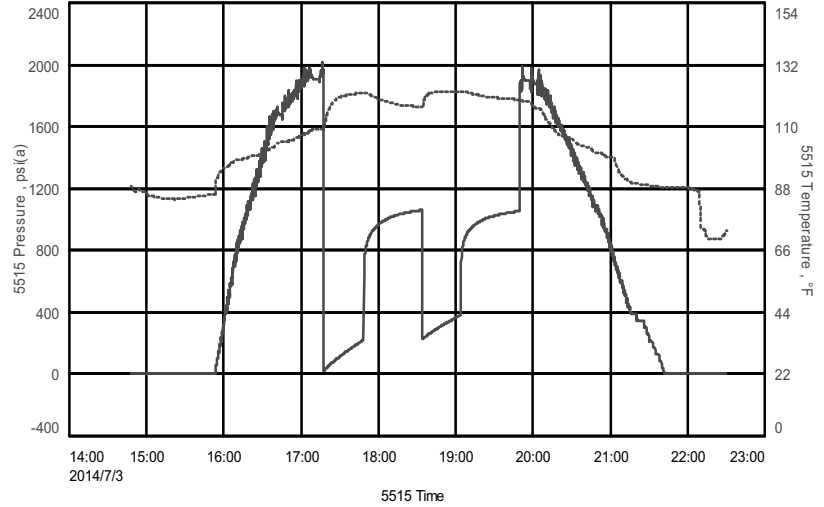
General Information Report

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 #1 Lans A 4043-4080'
Surface Location SEC 11-18S-34W Scott County
Field Prime Pork
Well Type Vertical
Test Type Drill Stem Test
Formation DST #1 Lans A 4043-4080'
Well Fluid Type 06 Water
Start Test Date 2014/07/03
Start Test Time 14:48:00
Final Test Date 2014/07/03
Final Test Time 22:30:00
Job Number S0461
Representative Jacob McCallie
Report Date 2014/07/03
Qualified By John Goldsmith

Farr #1-11



Test Results

RECOVERY:

71'	HMCW	60% W 40% M	(few oil specks)
384'	SLMCW	93% W 7% M	(few oil specks)
455'	TOTAL FLUID		

PH: 7

RW: .19 @ 70 degrees F
Chlorides: 35,000 PPM

TOOL SAMPLE: 98% W 2% M