



DIAMOND TESTING
 P.O. Box 157
 HOISINGTON, KANSAS 67544
 (800) 542-7313
DRILL-STEM TEST TICKET
 FILE: denny2-11dst4

TIME ON: 7-17 16:18
 TIME OFF: 7-18 00:49

Company New Gulf Lease & Well No. Denny #2-11
 Contractor Val Rig #4 Charge to New Gulf
 Elevation 3021 KB Formation Johnson #2 Effective Pay -- Ft. Ticket No. S0362
 Date 7-17-13 Sec. 11 Twp. 12 S Range 32 W County Logan State KANSAS
 Test Approved By John Goldsmith Diamond Representative Jacob McCallie

Formation Test No. 4 Interval Tested from 4532 ft. to 4610 ft. Total Depth 4633 ft.

Packer Depth 4527 ft. Size 6 3/4 in. Packer depth 4610 ft. Size 6 3/4 in.

Packer Depth 4532 ft. Size 6 3/4 in. Packer depth -- ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4513 ft. Recorder Number 8471 Cap. 10,000 P.S.I.

Bottom Recorder Depth (Outside) 4601 ft. Recorder Number 5965 Cap. 5,000 P.S.I.

Below Straddle Recorder Depth 4630 ft. Recorder Number 30035 Cap. 5,700 P.S.I.

Mud Type CHEMICAL Viscosity 55 Drill Collar Length 30 ft. I.D. 2 1/4 in.

Weight 9.3 Water Loss 8.8 cc. Weight Pipe Length -- ft. I.D. 2 7/8 in

Chlorides 3,000 P.P.M. Drill Pipe Length 4469 ft. I.D. 3 1/2 in

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

Did Well Flow? NO Reversed Out NO Anchor Length 78 (63dp) ft. Size 4 1/2-FH in

Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Tail Pipe: 23' Surface Choke Size 1 in. Bottom Choke Size 5/8 in

Blow: 1st Open: 1/4" Blow- Built to BB in 20 3/4 min 1/2" BB

2nd Open: 1" Blow- Built to BB in 18 min 1" BB

Recovered 126 ft. of HMCO 60% O 40% M

Recovered 189 ft. of HMCO 55% O 45% M

Recovered 315 ft. of TOTAL FLUID

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: _____

Tool Sample: 48% O 52% M

Time Set Packer(s) 6:42 PM ^{A.M.}/_{P.M.} Time Started Off Bottom 9:42 PM ^{A.M.}/_{P.M.} Maximum Temperature 124

Initial Hydrostatic Pressure..... (A) 2178 P.S.I.

Initial Flow Period..... Minutes 30 (B) 13 P.S.I. to (C) 77 P.S.I.

Initial Closed In Period..... Minutes 45 (D) 1061 P.S.I.

Final Flow Period..... Minutes 45 (E) 80 P.S.I. to (F) 141 P.S.I.

Final Closed In Period..... Minutes 60 (G) 1023 P.S.I.

Final Hydrostatic Pressure..... (H) 2166 P.S.I.

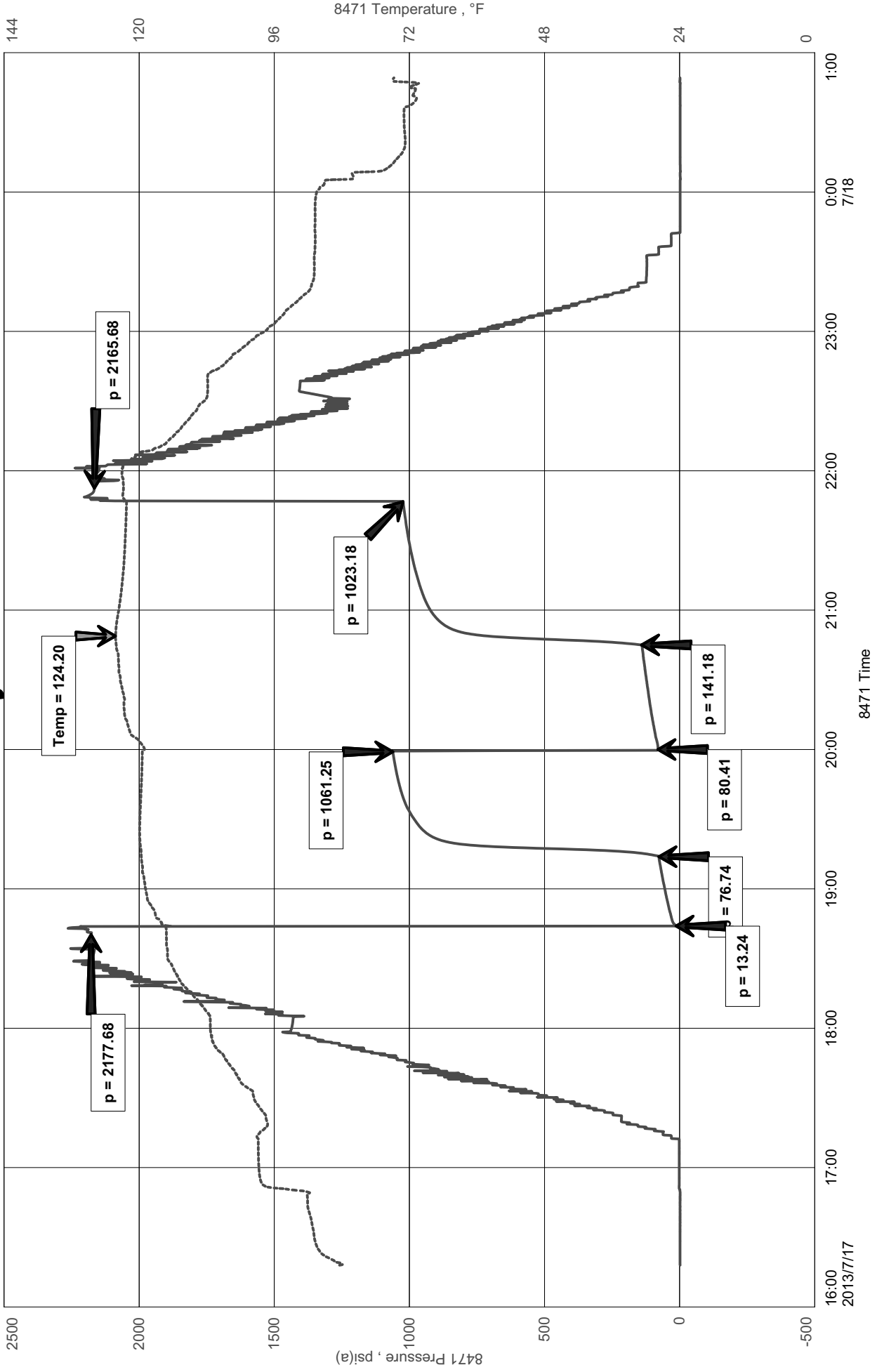
Price Job
Other Charges
Insurance
Total

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.

New Gulf
DST #4 Johnson #2 4532-4610 TD 4633 Straddle
Start Test Date: 2013/07/17
Final Test Date: 2013/07/18

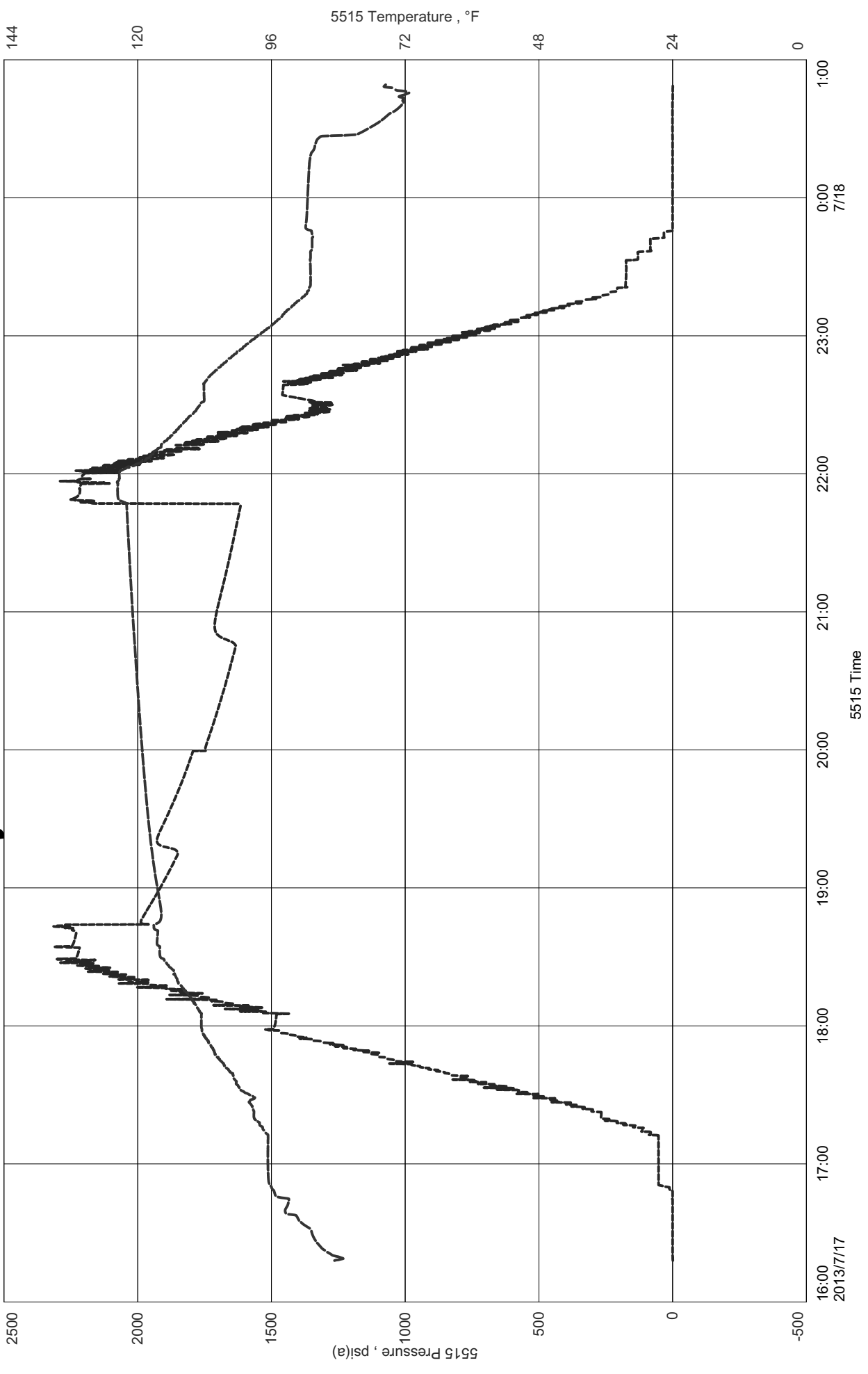
Denny #2-11
Formation: DST #4 Johnson #2 4532-4610 TD 4633 Straddle
Pool: Wildcat
Job Number: S0362

Denny #2-11



New Gulf
 DST #4 Johnson #2 4532-4610 TD 4633 Straddle
 Start Test Date: 2013/07/17
 Final Test Date: 2013/07/18
 Denny #2-11
 Formation: DST #4 Johnson #2 4532-4610 TD 4633 Straddle
 Pool: Wildcat
 Job Number: S0362

Denny #2-11 Below Straddle



Diamond Testing

General information Report

General Information

Company Name New Gulf

Contact	Jim Henkle	Job Number	S0362
Well Name	Denny #2-11	Representative	Jacob McCallie
Unique Well ID	DST #4 Johnson #2 4532-4610 TD 4633 Straddle	Well Operator	New Gulf
Surface Location	SEC 11-12S-32W Logan County	Report Date	2013/07/17
Well License Number		Prepared By	Jacob McCallie
Field	Wildcat		
Well Type	Vertical		

Test Type	Drill Stem Test		
Formation	DST #4 Johnson #2 4532-4610 TD 4633 Straddle		
Well Fluid Type	01 Oil	Start Test Time	16:18:00
		Final Test Time	00:49:00
Start Test Date	2013/07/17		
Final Test Date	2013/07/18		
Gauge Name	8471		
Gauge Serial Number			

Test Results

RECOVERED:

126'	HMCO	60% O 40% M
189'	HMCO	55% O 45% M
315'	TOTAL FLUID	

TOOL SAMPLE:

48% O 52% M