



DIAMOND TESTING
 P.O. Box 157
HOISINGTON, KANSAS 67544
 (800) 542-7313
DRILL-STEM TEST TICKET
 FILE: denny2-11dst3

TIME ON: 7-16 22:20
 TIME OFF: 7-17 05:27

Company New Gulf Lease & Well No. Denny #2-11
 Contractor Val Rig #4 Charge to New Gulf
 Elevation 3021 KB Formation Johnson Effective Pay -- Ft. Ticket No. S0361
 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. 3 Interval Tested from 4518 ft. to 4588 ft. Total Depth 4588 ft.

Packer Depth 4513 ft. Size 6 3/4 in. Packer depth -- ft. Size 6 3/4 in.

Packer Depth 4518 ft. Size 6 3/4 in. Packer depth -- ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4499 ft. Recorder Number 8471 Cap. 10,000 P.S.I.

Bottom Recorder Depth (Outside) 4553 ft. Recorder Number 5965 Cap. 5,000 P.S.I.

Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 56 Drill Collar Length 30 ft. I.D. 2 1/4 in.

Weight 9.3 Water Loss 8.0 cc. Weight Pipe Length -- ft. I.D. 2 7/8 in.

Chlorides 2,500 P.P.M. Drill Pipe Length 4455 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 70 (38.5p) 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: WSB- Died in 18 min NOBB

2nd Open: No Blow- No Build NOBB

Recovered 2 ft. of Mud 100% M

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: _____

Tool Sample: 100% M (few oil specks) Total _____

Time Set Packer(s) 12:40 AM A.M. P.M. Time Started Off Bottom 2:40 AM A.M. P.M. Maximum Temperature 120

Initial Hydrostatic Pressure..... (A) 2237 P.S.I.

Initial Flow Period..... Minutes 30 (B) 8 P.S.I. to (C) 10 P.S.I.

Initial Closed In Period..... Minutes 30 (D) 20 P.S.I.

Final Flow Period..... Minutes 30 (E) 10 P.S.I. to (F) 10 P.S.I.

Final Closed In Period..... Minutes 30 (G) 18 P.S.I.

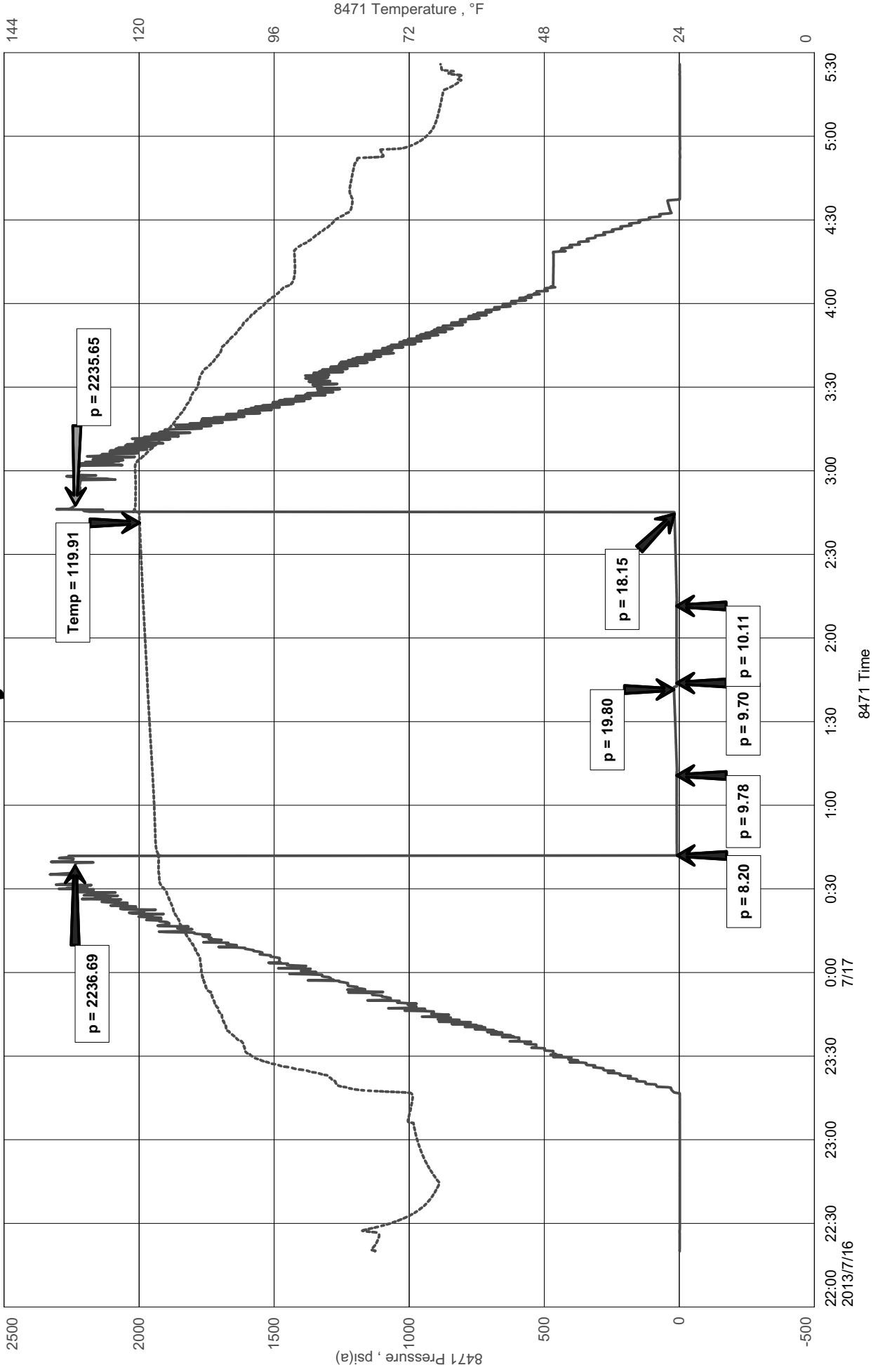
Final Hydrostatic Pressure..... (H) 2236 P.S.I.

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 #3 Johnson 4518-4588'
Start Test Date: 2013/07/16
Final Test Date: 2013/07/17

Denny #2-11
Formation: DST #3 Johnson 4518-4588'
Pool: Wildcat
Job Number: S0361

Denny #2-11



Diamond Testing

General information Report

General Information

Company Name New Gulf

Contact	Jim Henkle	Job Number	S0361
Well Name	Denny #2-11	Representative	Jacob McCallie
Unique Well ID	DST #3 Johnson 4518-4588'	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 #3 Johnson 4518-4588'		
Well Fluid Type	01 Oil	Start Test Time	22:20:00
		Final Test Time	05:27:00
Start Test Date	2013/07/16		
Final Test Date	2013/07/17		
Gauge Name	8471		
Gauge Serial Number			

Test Results

RECOVERED:
2' MUD 100% M

TOOL SAMPLE:
100% M (few oil specks)