



DIAMOND TESTING
 P.O. Box 157
 HOISINGTON, KANSAS 67544
 (800) 542-7313
DRILL-STEM TEST TICKET
 FILE: denny2-11dst2

TIME ON: 06:42
 TIME OFF: 12:43

Company New Gulf Lease & Well No. Denny #2-11
 Contractor Val Rig #4 Charge to New Gulf
 Elevation 3021 KB Formation LKC "I-J" Effective Pay -- Ft. Ticket No. S0360
 Date 7-15-13 Sec. 11 Twp. 12 S Range 32 W County Logan State KANSAS
 Test Approved By John Goldsmith Diamond Representative Jacob McCallie

Formation Test No. 2 Interval Tested from 4203 ft. to 4254 ft. Total Depth 4254 ft.
 Packer Depth 4198 ft. Size 6 3/4 in. Packer depth -- ft. Size 6 3/4 in.
 Packer Depth 4203 ft. Size 6 3/4 in. Packer depth -- ft. Size 6 3/4 in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 4184 ft. Recorder Number 8471 Cap. 10,000 P.S.I.
 Bottom Recorder Depth (Outside) 4237 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 52 Drill Collar Length 30 ft. I.D. 2 1/4 in.
 Weight 9.3 Water Loss 7.2 cc. Weight Pipe Length -- ft. I.D. 2 7/8 in.
 Chlorides 3,300 P.P.M. Drill Pipe Length 4140 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 51 (20p) 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- Built to 1/2" in 30 min NOBB
 2nd Open: No Blow- No Build NOBB

Recovered <u>3</u> ft. of <u>OSM</u>	<u>100% M (scum oil)</u>
Recovered <u> </u> ft. of <u> </u>	<u> </u>
Recovered <u> </u> ft. of <u> </u>	<u> </u>
Recovered <u> </u> ft. of <u> </u>	<u> </u>
Recovered <u> </u> ft. of <u> </u>	<u> </u>
Recovered <u> </u> ft. of <u> </u>	<u> </u>
Remarks: <u> </u>	<u> </u>
Tool Sample: <u>1% O 99% M</u>	<u> </u>
	<u> </u>

Time Set Packer(s) 8:32 AM ^{A.M.}/_{P.M.} Time Started Off Bottom 10:32 AM ^{A.M.}/_{P.M.} Maximum Temperature 116

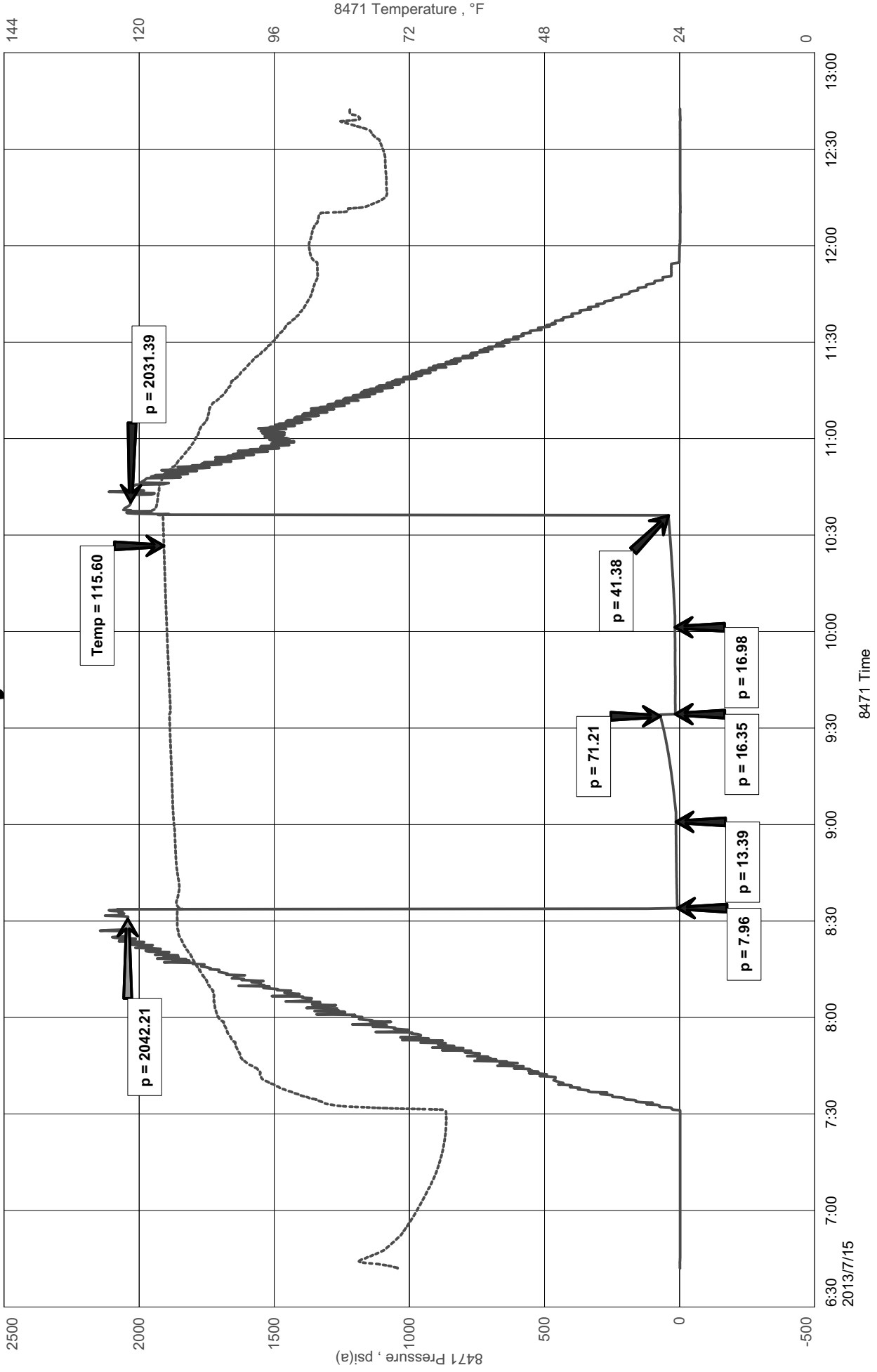
Initial Hydrostatic Pressure..... (A) 2042 P.S.I.
 Initial Flow Period..... Minutes 30 (B) 8 P.S.I. to (C) 13 P.S.I.
 Initial Closed In Period..... Minutes 30 (D) 71 P.S.I.
 Final Flow Period..... Minutes 30 (E) 16 P.S.I. to (F) 17 P.S.I.
 Final Closed In Period..... Minutes 30 (G) 41 P.S.I.
 Final Hydrostatic Pressure..... (H) 2031 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 #2 LKC "I-J" 4203-4254'
Start Test Date: 2013/07/15
Final Test Date: 2013/07/15

Denny #2-11
Formation: DST #2 LKC "I-J" 4203-4254'
Pool: Wildcat
Job Number: S0360

Denny #2-11



Diamond Testing

General information Report

General Information

Company Name New Gulf

Contact	Jim Henkle	Job Number	S0360
Well Name	Denny #2-11	Representative	Jacob McCallie
Unique Well ID	DST #2 LKC "I-J" 4203-4254'	Well Operator	New Gulf
Surface Location	SEC 11-12S-32W Logan County	Report Date	2013/07/15
Well License Number		Prepared By	Jacob McCallie
Field	Wildcat		
Well Type	Vertical		

Test Type	Drill Stem Test		
Formation	DST #2 LKC "I-J" 4203-4254'		
Well Fluid Type	01 Oil	Start Test Time	06:42:00
		Final Test Time	12:43:00
Start Test Date	2013/07/15		
Final Test Date	2013/07/15		
Gauge Name	8471		
Gauge Serial Number			

Test Results

RECOVERED:
3' OSM 100% M (scum oil)

TOOL SAMPLE:
1% O 99% M