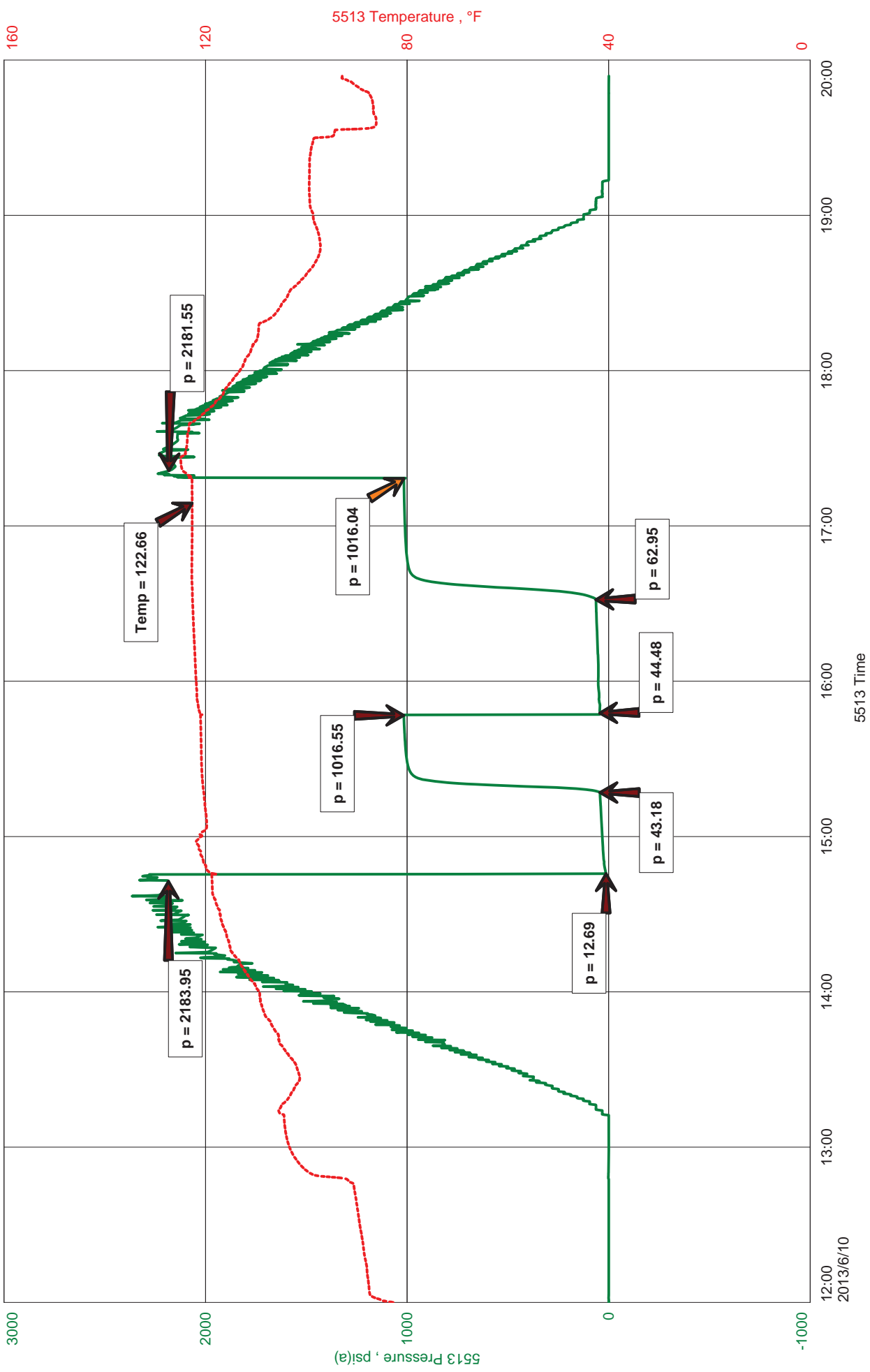


NEW GULF OPERATING LLC
DST #1 JOHNSON 4,482' - 4,570'
Start Test Date: 2013/06/10
Final Test Date: 2013/06/10

ROSIE #1-22
Formation: DST #1 JOHNSON 4,482' - 4,570'
Job Number: BO12

ROSIE #1-22





ROGER D. FRIEDLY

CELL # 620-793-2043

General Information

Company Name	NEW GULF OPERATING LLC	Job Number	BO12
Contact	JOE BAKER	Representative	BOB HAMEL
Well Name	ROSIE #1-22	Well Operator	NEW GULF OPERATING LLC
Unique Well ID	DST #1 JOHNSON 4,482' - 4,570'	Prepared By	ROGER D. FRIEDLY
Surface Location	SEC 22-12S-32W LOGAN CO., KS	Qualified By	ZEB STEWART
Field		Test Unit	NO. 6
Well Type	Vertical		

Test Information

Test Type	CONVENTIONAL	Representative	BOB HAMEL
Formation	DST #1 JOHNSON 4,482' - 4,570'	Well Operator	NEW GULF OPERATING LLC
Well Fluid Type	01 Oil	Report Date	2013/06/10
Test Purpose (AEUB)	Initial Test	Prepared By	ROGER D. FRIEDLY
Start Test Date	2013/06/10	Start Test Time	12:00:00
Final Test Date	2013/06/10	Final Test Time	19:54:00

Test Results

RECOVERED:	20'	GAS IN PIPE
	5'	CLEAN OIL 25.6 GRAVITY @ 60 deg.
	45'	SLTOCM 1% OIL, 99% MUD
	62'	W&OCM 14% OIL, 6% WTR, 80% MUD
	112'	TOTAL FLUID

TOOL SAMPLE: 2% OIL, 13% WTR, 85% MUD

CHLORIDES:	6,000 pPM
ph:	9.0
rw:	.56 @ 78 deg



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: ROSIE1-22DST1

TIME ON: 12:00
TIME OFF: 19:54

Company NEW GULF OPERATING LLC Lease & Well No. ROSIE #1-22
Contractor VAL RIG 4 Charge to NEW GULF OPERATING LLC
Elevation 2,941 KB Formation JOHNSON Effective Pay _____ Ft. Ticket No. B009
Date 6-10-2013 Sec. 22 Twp. _____ 12 S Range _____ 32 W County LOGAN State KANSAS
Test Approved By ZEB STEWART Diamond Representative BOB HAMEL

Formation Test No. 1 Interval Tested from 4,482 ft. to 4,570 ft. Total Depth 4,570 ft.
Packer Depth 4,477 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 3,381 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4,463 ft. Recorder Number 5513 Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 4,567 ft. Recorder Number 13386 Cap. 4,950 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 56 Drill Collar Length 28 ft. I.D. 2 1/4 in.
Weight 9.5 Water Loss 6.4 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 2,000 P.P.M. Drill Pipe Length 4,421 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number N/A Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 88 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. ^{62' DP IN ANCHOR} Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: WEAK 1/4" BLOW INCREASING TO 3 1/4" (NObb)
2nd Open: WEAK SURFACE BLOW AFTE4 15 MIN INCREASING TO 1" (NObb)

Recovered <u>20</u> ft. of <u>GAS IN PIPE</u>		
Recovered <u>5</u> ft. of <u>CLEAN OIL 25.6 GRAVITY @ 60 deg.</u>		
Recovered <u>45</u> ft. of <u>SLTOCM 1% OIL, 99% MUD</u>		
Recovered <u>62</u> ft. of <u>W&OCM 14% OIL, 6% WTR, 80% MUD</u>		
Recovered <u>112</u> ft. of <u>TOTAL FLUID</u>	<u>CHLORIDES 6,000 Ppm</u>	Price Job
Recovered _____ ft. of _____	<u>PH 9.0</u>	Other Charges
Remarks: _____	<u>RW .65 @ 78 deg.</u>	Insurance
<u>TOOL SAMPLE:2% OIL, 13% WTR, 85% MUD</u>		Total

Time Set Packer(s) 2:45 P.M. ^{A.M.} P.M. Time Started Off Bottom 5:15 P.M. ^{A.M.} P.M. Maximum Temperature 123

Initial Hydrostatic Pressure..... (A) 2,184 P.S.I.
Initial Flow Period..... Minutes 30 (B) 13 P.S.I. to (C) 43 P.S.I.
Initial Closed In Period..... Minutes 30 (D) 1,017 P.S.I.
Final Flow Period..... Minutes 45 (E) 44 P.S.I. to (F) 63 P.S.I.
Final Closed In Period..... Minutes 45 (G) 1,016 P.S.I.
Final Hydrostatic Pressure..... (H) 2,182 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.