



**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: RCTT2DST4

TIME ON: 1120  
TIME OFF: 1945

Company NEW GULF OPERATING LLC Lease & Well No. RACETTE #2  
Contractor VAL RIG 4 Charge to NEW GULF OPERATING LLC  
Elevation 3031 KB Formation "J" ZONE Effective Pay \_\_\_\_\_ Ft. Ticket No. M580  
Date 11/19/2013 Sec. 10 Twp. \_\_\_\_\_ 12 S Range \_\_\_\_\_ 32 W County LOGAN State KANSAS  
Test Approved By JOHN GOLDSMITH Diamond Representative MIKE COCHRAN

Formation Test No. 4 Interval Tested from 4240 ft. to 4264 ft. Total Depth 4264 ft.  
Packer Depth 4235 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.  
Packer Depth 4240 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set \_\_\_\_\_  
Top Recorder Depth (Inside) 4222 ft. Recorder Number 0063 Cap. 6,000 P.S.I.  
Bottom Recorder Depth (Outside) 4261 ft. Recorder Number 6884 Cap. 6,275 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 9.0 Water Loss 6.4 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.  
Chlorides 2,700 P.P.M. Drill Pipe Length 4179 ft. I.D. 3 1/2 in.  
Jars: Make STERLING Serial Number 1 Test Tool Length 32 ft. Tool Size 3 1/2-IF in.  
Did Well Flow? NO Reversed Out NO Anchor Length 24 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: SSB, BOB 3 MIN (10" BB)  
2nd Open: SSB, BOB 5 1/4 MIN (BOB BB 9 1/2 MIN)

Recovered 2808 ft. of GIP GRAVITY: 38.4 @ 60°  
Recovered 460 ft. of GO 5% GAS, 95% OIL  
Recovered 170 ft. of GHOCM 6% GAS, 60% OIL, 34% MUD (141' DP, 29' DC)  
Recovered 630 ft. of TOTAL FLUID

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
TOOL SAMPLE: <u>100% GASSY OIL</u>	Total

Time Set Packer(s) 1:30 P.M. A.M. P.M. Time Started Off Bottom 4:30 P.M. A.M. P.M. Maximum Temperature 127°F

Initial Hydrostatic Pressure..... (A) 2046 P.S.I.  
Initial Flow Period..... Minutes 30 (B) 39 P.S.I. to (C) 119 P.S.I.  
Initial Closed In Period..... Minutes 45 (D) 1303 P.S.I.  
Final Flow Period..... Minutes 45 (E) 133 P.S.I. to (F) 240 P.S.I.  
Final Closed In Period..... Minutes 60 (G) 1274 P.S.I.  
Final Hydrostatic Pressure..... (H) 2037 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.

# DIAMOND TESTING

## Pressure Survey Report

### General Information

Company Name	NEW GULF OPERATING LLC	Job Number	M580
Well Name	RACETTE #2	Representative	MIKE COCHRAN
Unique Well ID	DST#4 4240-4264 "J" ZONE	Well Operator	NEW GULF OPERATING LLC
Surface Location	SEC.10-12S-32W LOGAN CO.KS.	Report Date	2013/11/19
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	JOHN GOLDSMITH
		Test Unit	NO. 1

### Test Information

Test Type	CONVENTIONAL		
Formation	DST#4 4240-4264 "J" ZONE		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2013/11/19	Start Test Time	11:20:00
Final Test Date	2013/11/19	Final Test Time	17:45:00
		Well Fluid Type	01 Oil
Gauge Name	0063		
Gauge Serial Number			

### Test Results

Remarks RECOVERED:  
2808 GIP  
460' GO 5% GAS, 95% OIL  
170' GHOCM 6% GAS, 60% OIL, 34% MUD (141' DP, 29' DC)  
630' TOTAL FLUID

GRAVITY: 38.4 @ 60 DEG

TOOL SAMPLE: 100% GASSY OIL

NEW GULF OPERATING LLC  
DST#4 4240-4264 "J" ZONE  
Start Test Date: 2013/11/19  
Final Test Date: 2013/11/19

RACETTE #2  
Formation: DST#4 4240-4264 "J" ZONE  
Pool: WILDCAT  
Job Number: M580

# RACETTE #2

