



# DIAMOND TESTING, LLC

TESTER : ANDY CARREIRA  
CELL # 620-617-7202

## General Information

Company Name	NEW GULF OPERATING LLC	Contact	JIM HENKLE	Job Number	A060
Well Name	KGB 1-21	Representative	ANDY CARREIRA	Well Operator	NEW GULF OPERATING LLC
Unique Well ID	DST1 ALTAMONT "A" 4358-4386	Report Date	2014/06/19	Prepared By	ANDY CARREIRA
Surface Location	SEC 21-14S-34W LOGAN CNTY,KS	Field	WILDCAT	Well Type	Vertical

## Test Information

Test Type	CONVENTIONAL
Formation	DST1 ALTAMONT "A" 4358-4386
Well Fluid Type	01 Oil
Test Purpose	Initial Test

Start Test Date	2014/06/19	Start Test Time	20:05:00
Final Test Date	2014/06/20	Final Test Time	04:51:00

Gauge Name	5585
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## Test Results

RECOVERY:	670' GIP	
	650' CGO 10%G, 90%O	
	120' MCGO 20%G, 50%O, 30%M	
	770' TOTAL FLUID	GRAVITY: 35 @ 60 deg

TOOL SAMPLE: 100% OIL



**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: KGB 1-21 DST1

TIME ON: 20:05  
TIME OFF: 04:51

Company NEW GULF OPERATING LLC. Lease & Well No. KGB 1-21  
Contractor VAL 4 Charge to NEW GULF OPERATING LLC  
Elevation 3091 KB Formation ALTAMONT "A" Effective Pay \_\_\_\_\_ Ft. Ticket No. A060  
Date 6-19 14 Sec. 21 Twp. 14 S Range 34 W County LOGAN State KANSAS  
Test Approved By JOHN GOLDSMITH Diamond Representative ANDY CARREIRA

Formation Test No. 1 Interval Tested from 4358 ft. to 4386 ft. Total Depth 4386 ft.  
Packer Depth 4353 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Packer Depth 4358 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 4339 ft. Recorder Number 5585 Cap. 5000 P.S.I.  
Bottom Recorder Depth (Outside) 4358 ft. Recorder Number 8471 Cap. 10000 P.S.I.  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type CHEMICAL Viscosity 54 Drill Collar Length 30 ft. I.D. 2 1/4 in.  
Weight .2 Water Loss 9.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.  
Chlorides 5000 P.P.M. Drill Pipe Length 4295 ft. I.D. 3 1/2 in.  
Jars: Make STERLING Serial Number 09 Test Tool Length 33 ft. Tool Size 3 1/2-IF in.  
Did Well Flow? NO Reversed Out NO Anchor Length 28 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: BOB IN 4 MIN. (7"bb)  
2nd Open: BOB IN 2 MIN.

Recovered 670 ft. of GIP  
Recovered 650 ft. of CGO 10%G, 90%O  
Recovered 120 ft. of MCGO 20%G, 50%O, 30%M  
Recovered 770 ft. of TOTAL FLUID GRAVITY: 35 @ 60 deg

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

Time Set Packer(s) 10:40 PM A.M. P.M. Time Started Off Bottom 1:40 AM A.M. P.M. Maximum Temperature 121

Initial Hydrostatic Pressure..... (A) 2083 P.S.I.  
Initial Flow Period..... Minutes 30 (B) 35 P.S.I. to (C) 164 P.S.I.  
Initial Closed In Period..... Minutes 45 (D) 1019 P.S.I.  
Final Flow Period..... Minutes 45 (E) 174 P.S.I. to (F) 286 P.S.I.  
Final Closed In Period..... Minutes 60 (G) 822 P.S.I.  
Final Hydrostatic Pressure..... (H) 2046 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.