



DIAMOND TESTING

P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
STC 30046.D1099

Company New Gulf Operating, LLC Lease & Well No. Zimmerman No. 1-15

Elevation 2979 KB Formation Lansing/Kansas City "I" & "J" Effective Pay -- Ft. Ticket No. J2895

Date 3-4-12 Sec. 15 Twp. 12S Range 32W County Logan State Kansas

Test Approved By Stephen P. Murphy Diamond Representative John C. Riedl

Formation Test No. 1 Interval Tested from 4,158 ft. to 4,210 ft. Total Depth 4,210 ft.

Packer Depth 4,153 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 4,158 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 4,161 ft. Recorder Number 30046 Cap. 6,000 psi

Bottom Recorder Depth (Outside) 4,207 ft. Recorder Number 11073 Cap. 4,000 psi

Below Straddle Recorder Depth ft. Recorder Number Cap. psi

Drilling Contractor Val Energy, Inc. - Rig 4 Drill Collar Length -- ft. I.D. -- in.

Mud Type Chemical Viscosity 53 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.1 Water Loss 7.3 cc. Drill Pipe Length 4,132 ft. I.D. 3 1/2 in.

Chlorides 2,500 P.P.M. Test Tool Length 26 ft. Tool Size 3 1/2 - IF in.

Jars: Make Sterling Serial Number 2 Anchor Length 52 ft. Size 4 1/2 - FH in.

Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 - XH in.

Blow: 1st Open: N/A
2nd Open: N/A

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks Hit bridge approximately 2,500 ft. off bottom. Couldn't get through. Came back out of hole.

Time Set Packer(s) -- A.M. P.M. Time Started Off Bottom -- A.M. P.M. Maximum Temperature 101°

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

Initial Flow Period Minutes 0 (B) -- P.S.I. to (C) -- P.S.I.

Initial Closed In Period Minutes 0 (D) -- P.S.I.

Final Flow Period Minutes 0 (E) -- P.S.I. to (F) -- P.S.I.

Final Closed In Period Minutes 0 (G) -- P.S.I.

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

GENERAL INFORMATION

Client Information:

Company: NEW GULF OPERATING LLC

Contact: JOE BAKER

Phone: Fax: e-mail:

Site Information:

Contact: STEVE MURPHY

Phone: Fax: e-mail:

Well Information:

Name: ZIMMERMAN 1-15

Operator: NEW GULF OPERATING LLC

Location-Downhole:

Location-Surface: S15/12S/32W

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: STEVE MURPHY

Test Type: CONVENTIONAL Job Number: D1099

Test Unit:

Start Date: 2012/03/04 Start Time: 01:30:00

End Date: 2012/03/04 End Time: 05:30:00

Report Date: 2012/03/04 Prepared By: JOHN RIEDL

Qualified By: STEVE MURPHY

Remarks:

MISRUN? COULDN'T GET TOOL TO BOTTOM

NEW GULF OPERATING LLC
Start Test Date: 2012/03/04
Final Test Date: 2012/03/04

ZIMMERMAN 1-15

ZIMMERMAN 1-15
Formation: LKC "I,J"
Job Number: D1099

