



DIAMOND TESTING

P.O. Box 157
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STC 30046.D1100

Page 1 of 2 Pages

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. J2896
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. 2 Interval Tested from 4,158ft. 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: Weak blow. Dead in 3 mins. No blow back during shut-in.
2nd Open: No blow. Flushed tool & received a weak surge. No blow back during shut-in.

Recovered 10 ft. of drilling mud = .142300 bbls.
Recovered ft. of
Recovered ft. of
Recovered ft. of
Recovered ft. of
Remarks

Time Set Packer(s) 1:45 ~~XXX~~ P.M. Time Started Off Bottom 3:25 ~~XXX~~ P.M. Maximum Temperature 110°
Initial Hydrostatic Pressure (A) 2000 P.S.I.
Initial Flow Period Minutes 10 (B) 30 P.S.I. to (C) 31 P.S.I.
Initial Closed In Period Minutes 30 (D) 1261 P.S.I.
Final Flow Period Minutes 15 (E) 31 P.S.I. to (F) 35 P.S.I.
Final Closed In Period Minutes 45 (G) 1319 P.S.I.
Final Hydrostatic Pressure (H) 1977 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: D1100
Test Unit:
Start Date: 2012/03/04 Start Time: 11:30:00
End Date: 2012/03/04 End Time: 17:20:00
Report Date: 2012/03/04 Prepared By: JOHN RIEDL

Remarks:

Qualified By: STEVE MURPHY

RECOVERY: 10' DRILLING MUD

ZIMMERMAN 1-15
Formation: LKC "I,J"
Job Number: D1100

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

ZIMMERMAN 1-15

