



# DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

STC 30046.D723

Company Prolific Resources, LLC Lease & Well No. Hammeke No. 3

Elevation 1804 KB Formation Arbuckle Effective Pay -- Ft. Ticket No. J2518

Date 4-01-10 Sec. 8 Twp. 22S Range 11W County Stafford State Kansas

Test Approved By Jeffrey A. Burk Diamond Representative John C. Riedl

Formation Test No. 3 Interval Tested from 3,603 ft. to 3,612 ft. Total Depth 3,612 ft.

Packer Depth 3,598 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 3,603 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set          ft.

Top Recorder Depth (Inside) 3,606 ft. Recorder Number 30046 Cap. 6,000 psi

Bottom Recorder Depth (Outside) 3,609 ft. Recorder Number 11017 Cap. 4,000 psi

Below Straddle Recorder Depth          ft. Recorder Number          Cap.          psi

Drilling Contractor Petromark Drilling, LLC - Rig 2 Drill Collar Length 120 ft. I.D. 2 1/4 in.

Mud Type Chemical Viscosity 54 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.3 Water Loss 10.4 cc. Drill Pipe Length 3,463 ft. I.D. 3 1/2 in.

Chlorides 7,800 P.P.M. Test Tool Length 20 ft. Tool Size 3 1/2 - IF in.

Jars: Make Sterling Serial Number Not Run Anchor Length 9 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: Strong blow. Off bottom of bucket in 11 mins. No blow back during shut-in.

2nd Open: Strong blow. Off bottom of bucket in 17 mins. Weak blow back during shut-in.

Recovered 1,200 ft. of gas in pipe

Recovered 80 ft. of mud & gas cut oil = .579800 bbls. (Grind out: 10%-mud; 15%-gas; 75%-oil)

Recovered 60 ft. of oil & mud cut water = .295200 bbls. (Grind out: 15%-oil; 15%-mud; 70%-water)

Recovered 140 ft. of TOTAL FLUID = .875000 bbls.

Recovered          ft. of         

Remarks

Time Set Packer(s) 3:25 A.M. Time Started Off Bottom 6:40 P.M. Maximum Temperature 109°

Initial Hydrostatic Pressure ..... (A) 1759 P.S.I.

Initial Flow Period ..... Minutes 30 (B) 28 P.S.I. to (C) 51 P.S.I.

Initial Closed In Period ..... Minutes 45 (D) 1109 P.S.I.

Final Flow Period ..... Minutes 60 (E) 59 P.S.I. to (F) 78 P.S.I.

Final Closed In Period ..... Minutes 60 (G) 1105 P.S.I.

Final Hydrostatic Pressure ..... (H) 1719 P.S.I.

## GENERAL INFORMATION

### Client Information:

Company: PROLIFIC RESOURCES  
Contact: DARRELLWILLINGER  
Phone:                      Fax:                      e-mail:

### Site Information:

Contact: JEFF BURK  
Phone:                      Fax:                      e-mail:

### Well Information:

Name: HAMMEKE #3  
Operator: PROLIFIC RESOURCES  
Location-Downhole:  
Location-Surface: S8/22S/11W STAFFORD

### Test Information:

Company: DIAMOND TESTING  
Representative: JOHN RIEDL  
Supervisor: JEFF BURK  
Test Type: CONVENTIONAL                      Job Number: D723  
Test Unit:  
Start Date: 2010/04/01                      Start Time: 03:25:00  
End Date: 2010/04/01                      End Time: 08:30:00  
Report Date: 2010/04/01                      Prepared By: JOHN RIEDL

### Remarks:

Qualified By: JEFF BURK

RECOVERY: 1200' GAS IN PIPE, 80' GAS+MUD CUT OIL, 60' OIL+MUD CUT WATER

HAMMEKE #3  
Formation: ARBUCKLE  
Job Number: D723

# HAMMEKE #3

PROLIFIC RESOURCES  
Start Test Date: 2010/04/01  
Final Test Date: 2010/04/01

