



DIAMOND TESTING, LLC
P.O. Box 157
HOISINGTON, KANSAS 67544
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STC/Froetschner1dst3

Company Prolific Resources, LLC Lease & Well No. Froetschner No. 1
Elevation 2046 KB Formation Viola Effective Pay _____ Ft. Ticket No. J3294
Date 9-23-14 Sec. 11 Twp. 22S Range 18W County Pawnee State Kansas
Test Approved By Robert T. (Bob) Stolzle Diamond Representative John C. Riedl

Formation Test No. 3 Interval Tested from 4,141 ft. to 4,180 ft. Total Depth 4,180 ft.
Packer Depth 4,136 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Packer Depth 4,141 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Depth of Selective Zone Set _____ ft.

Top Recorder Depth (Inside) 4,144 ft. Recorder Number 30046 Cap. 6,000 psi.
Bottom Recorder Depth (Outside) 4,177 ft. Recorder Number 13498 Cap. 6,000 psi.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ psi.

Drilling Contractor Murfin Drilling Company, Inc. - Rig 16 Drill Collar Length 30 ft I.D. 2 1/4 in.
Mud Type Chemical Viscosity 49 Weight Pipe Length _____ ft I.D. _____ in.
Weight 9.1 Water Loss 9.2 cc. Drill Pipe Length 4,085 ft I.D. 3 1/2 in.
Chlorides 5,000 P.P.M. Test Tool Length 26 ft Tool Size 3 1/2-IF in.
Jars: Make Sterling Serial Number 1 Anchor Length 39 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 increasing. Off bottom of bucket in 5 mins. Weak blow back during shut-in.

2nd Open: Strong blow increasing. Off bottom of bucket in 17 mins. No blow back during shut-in.

Recovered 560 ft. of gas in pipe
Recovered 50 ft. of gas & oil cut watery mud = .711500 bbls. (Grind out: 15%-gas; 5%-oil; 80%-mud)
Recovered 60 ft. of mud cut water = .574500 bbls. (Grind out: 80%-water; 20%-mud) Chlorides: 65,000 Ppm
Recovered 110 ft. of TOTAL FLUID = 1.286000 bbls.
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Remarks Tool Sample Grind Out: 100%-water

Time Set Packer(s) 6:40 P.M. Time Started off Bottom 10:40 P.M. Maximum Temperature 116°
Initial Hydrostatic Pressure.....(A) 2023 P.S.I.
Initial Flow Period.....Minutes 30 (B) 31 P.S.I. to (C) 40 P.S.I.
Initial Closed In Period.....Minutes 60 (D) 1140 P.S.I.
Final Flow Period.....Minutes 60 (E) 43 P.S.I. to (F) 71 P.S.I.
Final Closed In Period.....Minutes 90 (G) 1129 P.S.I.
Final Hydrostatic Pressure.....(H) 1984 P.S.I.

Diamond Testing General Report



John Riedl
TESTER
CELL: 620-793-0550

General Information

Company Name	PROLIFIC RESOURCES LLC	Job Number	J3294
Contact	DOUG PANNING	Representative	JOHN RIEDL
Well Name	FROETSCHNER #1	Well Operator	PROLIFIC RESOURCES LLC
Unique Well ID		Report Date	2014/09/24
Surface Location	S11/22S/18W	Prepared By	JOHN RIEDL
Field		Qualified By	BOB STOLZLE

Test Information

Test Type	DST #3 CONVENTIONAL
Formation	VIOLA
Well Fluid Type	
Test Purpose	

Start Test Date	2014/09/23	Start Test Time	17:30:00
Final Test Date	2014/09/24	Final Test Time	01:00:00

Test Recovery

RECOVERY: 560' GAS IN PIPE
 50' GAS AND OIL CUT WATERY MUD
 60' MUD CUT WATER CHLORIDES: 65,000 PPM
 110' TOTAL FLUID

FROETSCHNER #1
Formation: VIOLA
Job Number: J3294

PROLIFIC RESOURCES LLC
DST #3 VIOLA 4141-4180
Start Test Date: 2014/09/23
Final Test Date: 2014/09/24

FROETSCHNER #1

