



DIAMOND TESTING, LLC
P.O. Box 157
HOISINGTON, KANSAS 67544
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STC/Froetschner1dst1

Company Prolific Resources, LLC Lease & Well No. Froetschner No. 1
Elevation 2046 KB Formation Cherokee Sandstone Effective Pay _____ Ft. Ticket No. J3292
Date 9-22-14 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. 1 Interval Tested from 4,054 ft. to 4,080 ft. Total Depth 4,080 ft.
Packer Depth 4,049 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Packer Depth 4,054 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Depth of Selective Zone Set _____ ft.

Top Recorder Depth (Inside) 4,057 ft. Recorder Number 30046 Cap. 6,000 psi.
Bottom Recorder Depth (Outside) 4,077 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 52 Weight Pipe Length _____ ft I.D. _____ in.
Weight 9.1 Water Loss 8.0 cc. Drill Pipe Length 3,998 ft I.D. 3 1/2 in.
Chlorides 4,300 P.P.M. Test Tool Length 26 ft Tool Size 3 1/2-IF in.
Jars: Make Sterling Serial Number 1 Anchor Length 26 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. Gas to surface in 2 mins. Gauged 754 MCF/D up to 907 MCF/D at end. No blow back during shut-in.

2nd Open: Strong blow. Gas to surface throughout. Gauged 907 MCF/D up to 1012 MCF/D at end. No blow back during shut-in.

Recovered 1 ft. of drilling mud = .004920 bbls.

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks Tool Sample Grind Out: 100%-mud

Gas sample taken on 2nd flow.

Time Set Packer(s) 1:30 P.M. Time Started off Bottom 3:45 P.M. Maximum Temperature 99°
Initial Hydrostatic Pressure.....(A) 1979 P.S.I.
Initial Flow Period.....Minutes 15 (B) 188 P.S.I. to (C) 196 P.S.I.
Initial Closed In Period.....Minutes 30 (D) 1297 P.S.I.
Final Flow Period.....Minutes 30 (E) 198 P.S.I. to (F) 201 P.S.I.
Final Closed In Period.....Minutes 60 (G) 1271 P.S.I.
Final Hydrostatic Pressure.....(H) 1941 P.S.I.

Diamond Testing General Report



John Riedl
TESTER
CELL: 620-793-0550

General Information

Company Name	PROLIFIC RESOURCES LLC	Job Number	J3292
Contact	DOUG PANNING	Representative	JOHN RIEDL
Well Name	FROETSCHNER #1	Well Operator	PROLIFIC RESOURCES LLC
Unique Well ID		Report Date	2014/09/22
Surface Location	S11/22S/18W	Prepared By	JOHN RIEDL
Field		Qualified By	BOB STOLZLE

Test Information

Test Type	DST #1 CONVENTIONAL
Formation	CHEROKEE SANDSTONE
Well Fluid Type	
Test Purpose	

Start Test Date	2014/09/22	Start Test Time	11:30:00
Final Test Date	2014/09/22	Final Test Time	17:10:00

Test Recovery

RECOVERY: 1' DRILLING MUD

GAS TO SURFACE. GAUGED 1012 MCF/D

PROLIFIC RESOURCES LLC
DST #1 CHEROKEE SANDSTONE 4054-4080
Start Test Date: 2014/09/22
Final Test Date: 2014/09/22

FROETSCHNER #1
Formation: CHEROKEE SANDSTONE
Job Number: J3292

FROETSCHNER #1

