



DIAMOND TESTING, LLC
P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
STC/Froetschner1dst2

Company Prolific Resources, LLC Lease & Well No. Froetschner No. 1
Elevation 2046 KB Formation Mississippi Osage Chert Effective Pay Ft. Ticket No. J3293
Date 9-23-14 Sec. 11 Twp. 22S Range 18W County Pawnee State Kansas
Test Approved By Robert T. (Bob) Stolze Diamond Representative John C. Riedl

Formation Test No. 2 Interval Tested from 4,104 ft. to 4,140 ft. Total Depth 4,140 ft.
Packer Depth 4,099 ft. Size 6 3/4 in. Packer Depth ft. Size in.
Packer Depth 4,104 ft. Size 6 3/4 in. Packer Depth ft. Size in.
Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 4,107 ft. Recorder Number 30046 Cap. 6,000 psi.
Bottom Recorder Depth (Outside) 4,137 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 4,048 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 36 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: Fair, 5 in. blow. No blow back during shut-in.
2nd Open: Weak, 3 1/2 in. blow. No blow back during shut-in.

Recovered 40 ft. of slightly gas cut drilling mud w/a few oil specks = .289900 bbls. (Grind out: 5%-gas; 95%-mud)

Recovered ft. of
Recovered ft. of
Recovered ft. of
Recovered ft. of
Recovered ft. of

Remarks Tool Sample Grind Out: 100%-mud

Time Set Packer(s) 5:30 A.M. Time Started off Bottom 9:30 A.M. Maximum Temperature 109°
Initial Hydrostatic Pressure.....(A) 2004 P.S.I.
Initial Flow Period.....Minutes 30 (B) 28 P.S.I. to (C) 25 P.S.I.
Initial Closed In Period.....Minutes 60 (D) 103 P.S.I.
Final Flow Period.....Minutes 60 (E) 24 P.S.I. to (F) 29 P.S.I.
Final Closed In Period.....Minutes 90 (G) 102 P.S.I.
Final Hydrostatic Pressure.....(H) 1976 P.S.I.

Diamond Testing General Report



John Riedl
TESTER
CELL: 620-793-0550

General Information

| | | | |
|------------------|------------------------|----------------|------------------------|
| Company Name | PROLIFIC RESOURCES LLC | Job Number | J3293 |
| Contact | DOUG PANNING | Representative | JOHN RIEDL |
| Well Name | FROETSCHNER #1 | Well Operator | PROLIFIC RESOURCES LLC |
| Unique Well ID | | Report Date | 2014/09/23 |
| Surface Location | S11/22S/18W | Prepared By | JOHN RIEDL |
| Field | | Qualified By | BOB STOLZLE |

Test Information

| | |
|-----------------|---------------------|
| Test Type | DST #2 CONVENTIONAL |
| Formation | MISS OSAGE CHERT |
| Well Fluid Type | |
| Test Purpose | |

| | | | |
|-----------------|------------|-----------------|----------|
| Start Test Date | 2014/09/23 | Start Test Time | 04:00:00 |
| Final Test Date | 2014/09/23 | Final Test Time | 11:15:00 |

Test Recovery

RECOVERY: 40' SLIGHTLY GAS CUT DRILLING MUD WITH A FEW OIL SPECKS

PROLIFIC RESOURCES LLC
DST #2 MISS OSAGE CHERT 4104-4140
Start Test Date: 2014/09/23
Final Test Date: 2014/09/23

FROETSCHNER #1
Formation: MISS OSAGE CHERT
Job Number: J3293

FROETSCHNER #1

