

DIAMOND TESTING, LLC
 P.O. Box 157
HOISINGTON, KANSAS 67544
 (620) 653-7550 • (800) 542-7313
 BARB4BDST1

Company Charles N. Griffin Lease & Well No. Barbara No. 4-B
 Elevation 1568 KB Formation Simpson Sand Effective Pay Ft. Ticket No. F376
 Date 2-10-15 Sec. 16 Twp. 32S Range 12W County Barber State Kansas
 Test Approved By Bruce A. Reed Diamond Representative Jake Fahrenbruch

Formation Test No. 1 Interval Tested from 4,714 ft. to 4,764 ft. Total Depth 4,764 ft.
 Packer Depth 4,709 ft. Size 6 3/4 in. Packer Depth ft. Size in.
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 Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 4,692 ft. Recorder Number 5951 Cap. 5,000 psi.
 Bottom Recorder Depth (Outside) 4,717 ft. Recorder Number 5584 Cap. 5,000 psi.
 Below Straddle Recorder Depth ft. Recorder Number Cap. psi.

Drilling Contractor Maverick Drilling, LLC - Rig 106 Drill Collar Length ft I.D. in.
 Mud Type Chemical Viscosity 52 Weight Pipe Length ft I.D. in.
 Weight 9.2 Water Loss 8.8 cc. Drill Pipe Length 4,681 ft I.D. 3 1/2 in.
 Chlorides 4,000 P.P.M. Test Tool Length 33 ft Tool Size 3 1/2-IF in.
 Jars: Make Sterling Serial Number 5 Anchor Length 50 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: Surface blow increasing to 3/4 in. No blow back during shut-in.
 2nd Open: No blow. No blow back during shut-in.

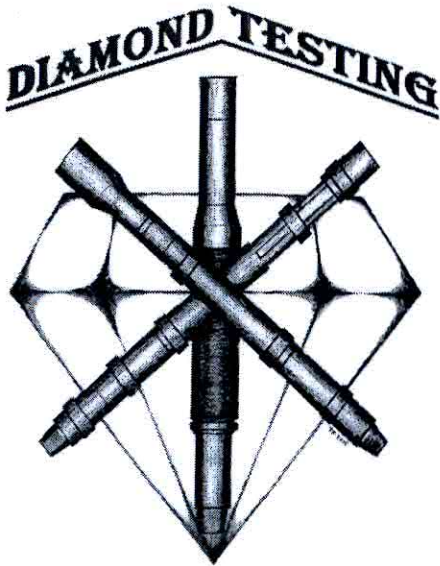
Recovered 5 ft. of drilling mud = .071150 bbls. (Grind out: 100%-mud)
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of
 Remarks

Time Set Packer(s) 11:15 P.M. Time Started off Bottom 1:15 A.M. Maximum Temperature 121°
 Initial Hydrostatic Pressure.....(A) 2316 P.S.I.
 Initial Flow Period.....Minutes 30 (B) 10 P.S.I. to (C) 12 P.S.I.
 Initial Closed In Period.....Minutes 30 (D) 26 P.S.I.
 Final Flow Period.....Minutes 30 (E) 13 P.S.I. to (F) 13 P.S.I.
 Final Closed In Period.....Minutes 30 (G) 18 P.S.I.
 Final Hydrostatic Pressure.....(H) 2315 P.S.I.

DIAMOND TESTING GENERAL REPORT

Jake Fahrenbruch, Tester

Cell: (620) 282-8977 / Office: (800) 542-7313



TEST INFORMATION

Well Name	Barbara #4-B
Company Name	Charles N. Griffin
Formation	Simpson Sand 4714'-4764'
Test Type	Bottom-Hole DST w/Jars & S. Jnt.
Surface Location	Sec 16-32s-12w-Barber Co.-KS
KB Elevation (SL)	1568.000
Gauge Name	5951
Start Test Date	2015/02/10
Start Test Time	20:40:00
Final Test Date	2015/02/11
Final Test Time	04:11:00
Job Number	F376
Contact	Charles Griffin
Site Contact	Bruce Reed

TEST RESULTS

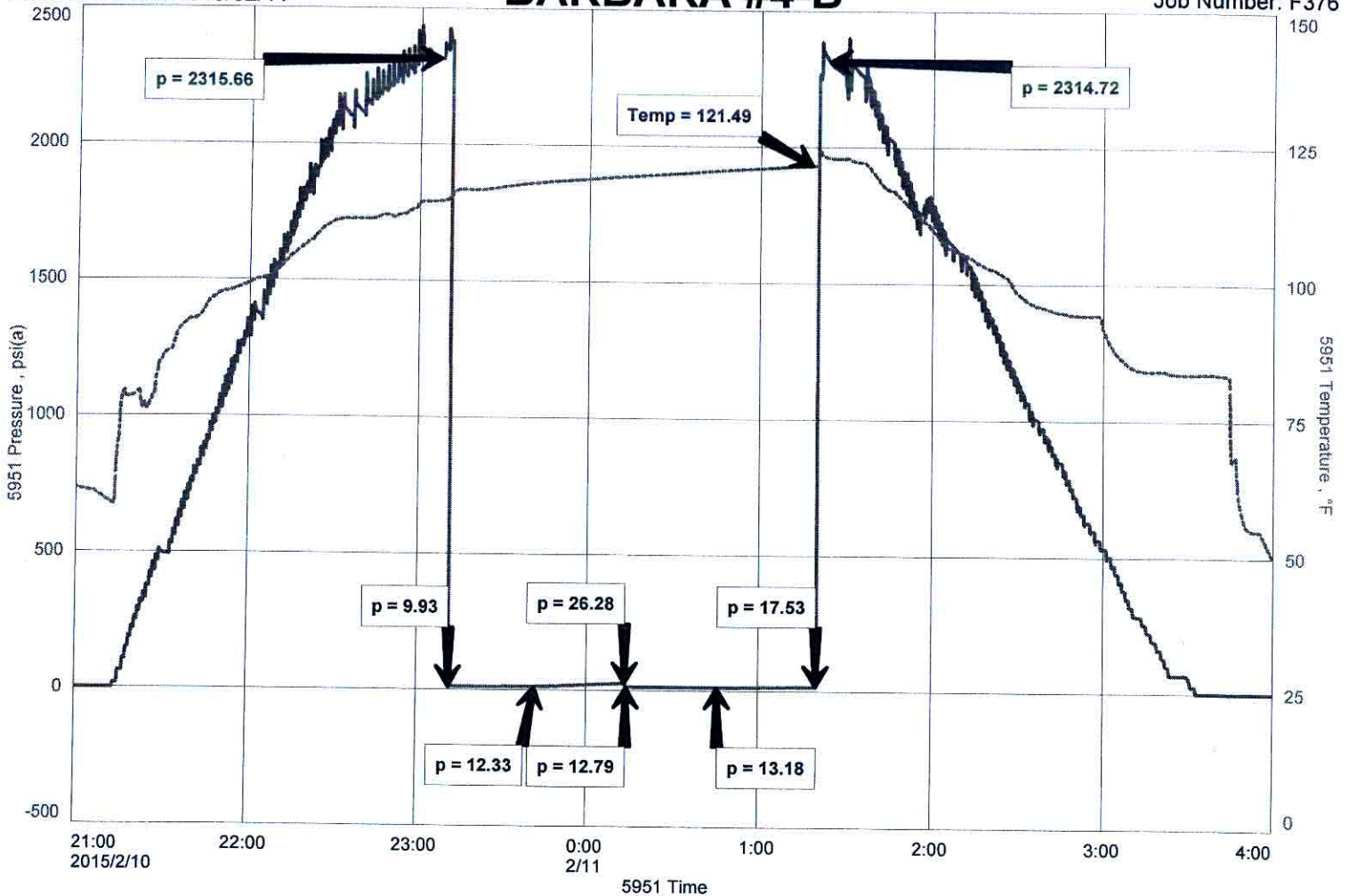
Initial flow, Surface blow, increased to .75"
Final flow, No blow

Recovered 5' of Drilling Mud, 100% mud

Charles N. Griffin
DST #1 Simpson Sand 4714'-4764'
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Formation: Simpson Sand 4714'-4764'
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BARBARA #4-B



Charles N. Griffin

DST #1 Simpson Sand 4714'-4764'

Start Test Date: 2015/02/10

Final Test Date: 2015/02/11

Barbara #4-B

Formation: Simpson Sand 4714'-4764'

Job Number: F376

BARBARA #4-B

