



DIAMOND TESTING, LLC
P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
STC/SCREIBER3DST2

Company Richlan Drilling Lease & Well No. Schreiber No. 3
Elevation 1892 KB Formation Arbuckle Effective Pay _____ Ft. Ticket No. J3080
Date 1-30-13 Sec. 17 Twp. 16S Range 12W County Barton State Kansas
Test Approved By Robert A. (Bob) Schreiber Diamond Representative John C. Riedl

Formation Test No. 2 Interval Tested from 3,304 ft. to 3,352 ft. Total Depth 3,352 ft.
Packer Depth 3,299 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Packer Depth 3,304 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Depth of Selective Zone Set _____ ft.

Top Recorder Depth (Inside) 3,307 ft. Recorder Number 30046 Cap. 6,000 psi.
Bottom Recorder Depth (Outside) 3,349 ft. Recorder Number 11073 Cap. 4,000 psi.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ psi.

Drilling Contractor Southwind Drilling, Inc. - Rig 4 Drill Collar Length _____ ft I.D. _____ in.
Mud Type Chemical Viscosity 63 Weight Pipe Length _____ ft I.D. _____ in.
Weight 8.7 Water Loss 7.2 cc. Drill Pipe Length 3,284 ft I.D. 3 1/2 in.
Chlorides 6,000 P.P.M. Test Tool Length 20 ft Tool Size 3 1/2-IF in.
Jars: Make Sterling Serial Number Not Run Anchor Length 48 ft. Size 4 1/2-FH in.
Did Well Flow? No Reversed Out Yes 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 2 mins. Very weak blow back during shut-in.
2nd Open: Strong blow increasing. Off bottom of bucket in 2 mins. No blow back during shut-in.

Recovered 120 ft. of gas in pipe
Recovered 1,500 ft. of gassy oil = 21.345000 bbls. (Grind out: 10%-gas; 90%-oil) Gravity: 35
Recovered 1,500 ft. of TOTAL FLUID = 21.345000 bbls.
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____

Remarks _____

Time Set Packer(s) 8:20 A.M. Time Started off Bottom 11:05 A.M. Maximum Temperature 113°
Initial Hydrostatic Pressure.....(A) 1606 P.S.I.
Initial Flow Period.....Minutes 30 (B) 62 P.S.I. to (C) 333 P.S.I.
Initial Closed In Period.....Minutes 45 (D) 1034 P.S.I.
Final Flow Period.....Minutes 30 (E) 355 P.S.I. to (F) 543 P.S.I.
Final Closed In Period.....Minutes 60 (G) 1051 P.S.I.
Final Hydrostatic Pressure.....(H) 1591 P.S.I.

GENERAL INFORMATION

Client Information:

Company: RICHLAN DRILLING
Contact: RICHARD SCHREIBER
Phone: Fax: e-mail:

Site Information:

Contact: ROBERT SCHREIBER
Phone: Fax: e-mail:

Well Information:

Name: SCHREIBER #3
Operator: RICHLAN DRILLING
Location-Downhole:
Location-Surface: S17/16S/12W

Test Information:

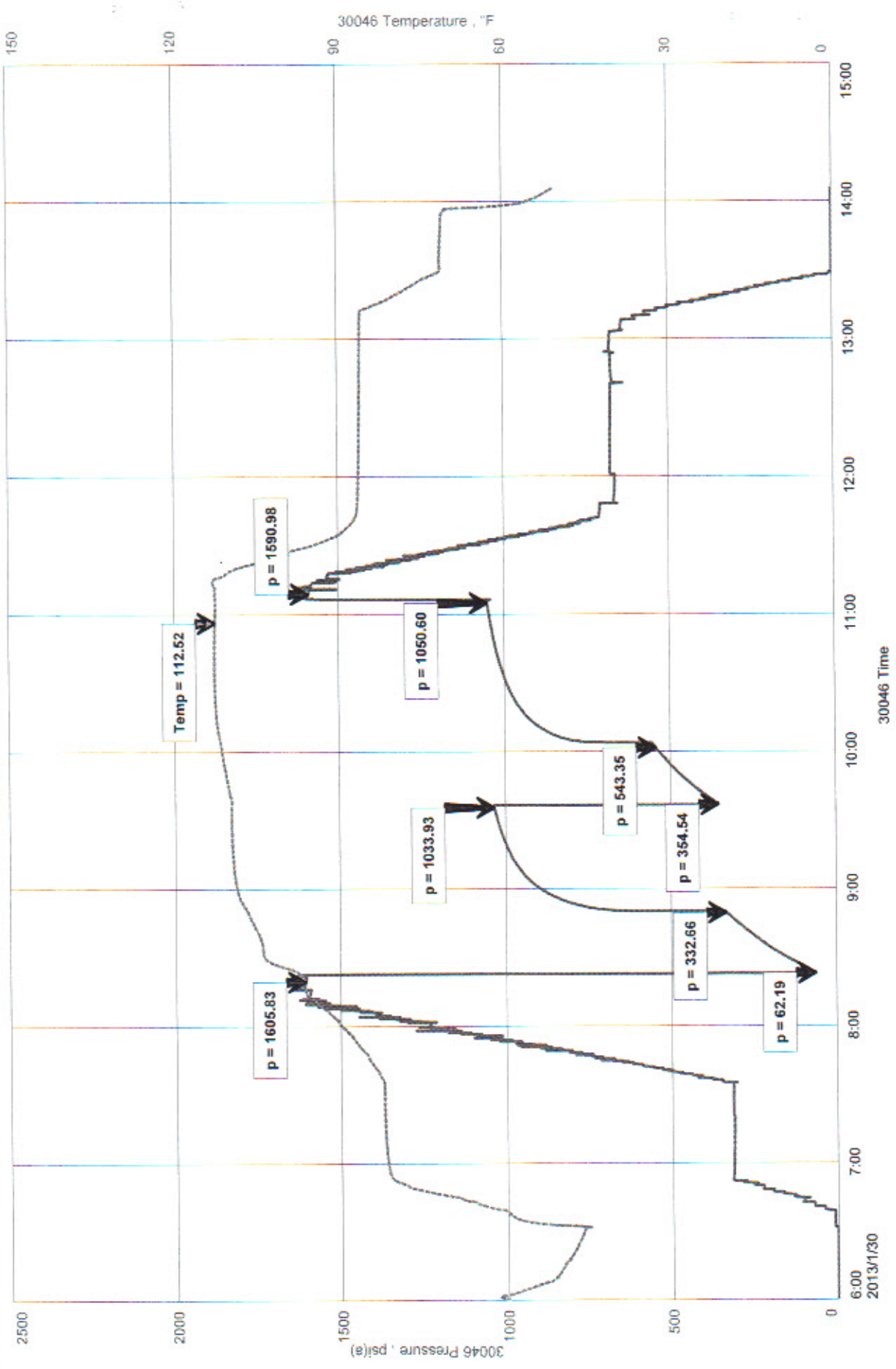
Company: DIAMOND TESTING
Representative: JOHN RIEDL
Supervisor: ROBERT SCHREIBER
Test Type: CONVENTIONAL Job Number: D1284
Test Unit:
Start Date: 2013/01/30 Start Time: 06:00:00
End Date: 2013/01/30 End Time: 14:00:00
Report Date: 2013/01/30 Prepared By: JOHN RIEDL
Remarks: Qualified By: ROBERT SCHREIBER

RECOVERY: 120' GAS IN PIPE, 1500' GAS CUT OIL

SCHREIBER #3
Formation: ARBUCKLE DST#2
Job Number: D1284

RICHLAN DRILLING
Start Test Date: 2013/01/30
Final Test Date: 2013/01/30

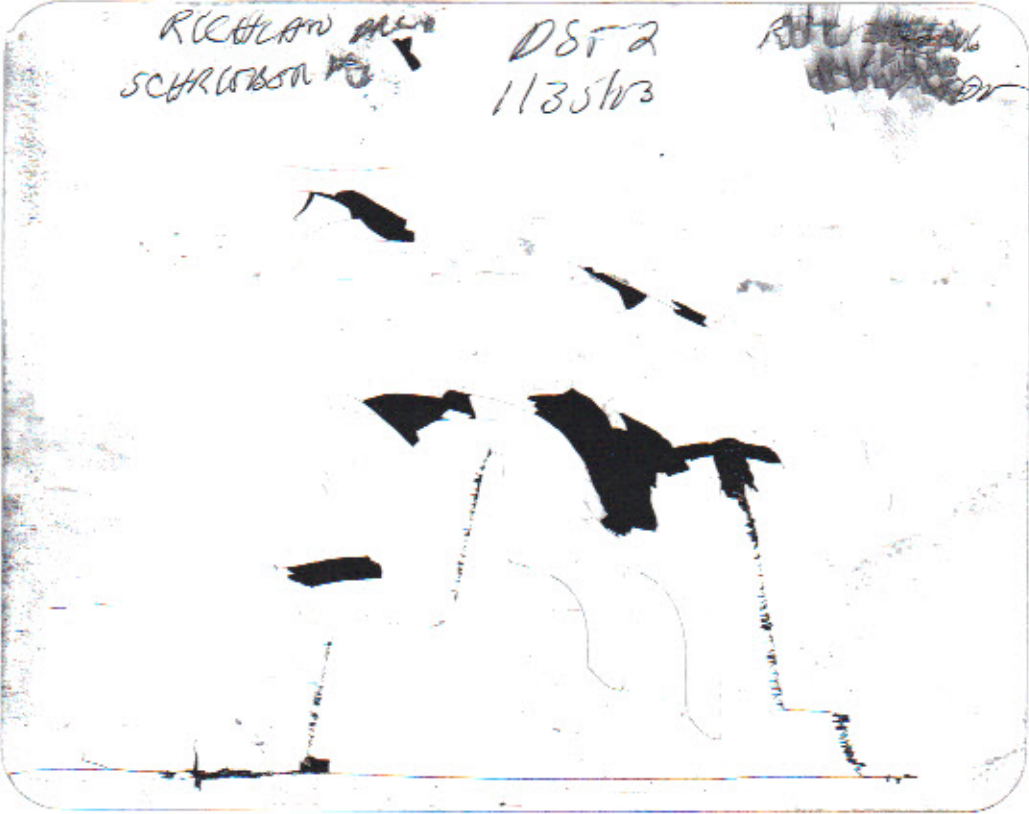
SCHREIBER #3



RICHARD
SCHROEDER

DST 2
1135103

RICHARD
SCHROEDER





DIAMOND TESTING, LLC
P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
STC/SCREIBER3DST1

Company Richlan Drilling Lease & Well No. Schreiber No. 3
Elevation 1892 KB Formation Toronto Effective Pay _____ Ft. Ticket No. J3079
Date 1-29-13 Sec. 17 Twp. 16S Range 12W County Barton State Kansas
Test Approved By Robert A. (Bob) Schreiber Diamond Representative John C. Riedl

Formation Test No. 1 Interval Tested from 2,996 ft. to 3,087 ft. Total Depth 3,087 ft.
Packer Depth 2,991 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Packer Depth 2,996 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Depth of Selective Zone Set _____ ft.

Top Recorder Depth (Inside) 2,999 ft. Recorder Number 30046 Cap. 6,000 psi.
Bottom Recorder Depth (Outside) 3,084 ft. Recorder Number 11073 Cap. 4,000 psi.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ psi.

Drilling Contractor Southwind Drilling, Inc. - Rig 4 Drill Collar Length _____ ft I.D. _____ in.
Mud Type Chemical Viscosity 63 Weight Pipe Length _____ ft I.D. _____ in.
Weight 8.7 Water Loss 7.2 cc. Drill Pipe Length 2,976 ft I.D. 3 1/2 in.
Chlorides 3,000 P.P.M. Test Tool Length 20 ft Tool Size 3 1/2-IF in.
Jars: Make Sterling Serial Number Not Run Anchor Length 91 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: Weak blow. Died in 8 mins. No blow back during shut-in.
2nd Open: No blow. No blow back during shut-in.

Recovered 5 ft. of drilling mud = .071150 bbls.
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____

Remarks _____

Time Set Packer(s) 4:50 A.M. Time Started off Bottom 6:20 A.M. Maximum Temperature 98°
Initial Hydrostatic Pressure.....(A) 1428 P.S.I.
Initial Flow Period.....Minutes 30 (B) 13 P.S.I. to (C) 16 P.S.I.
Initial Closed In Period.....Minutes 30 (D) 690 P.S.I.
Final Flow Period.....Minutes 15 (E) 17 P.S.I. to (F) 19 P.S.I.
Final Closed In Period.....Minutes 15 (G) 292 P.S.I.
Final Hydrostatic Pressure.....(H) 1398 P.S.I.

GENERAL INFORMATION

Client Information:

Company: RICHLAN DRILLING

Contact: RICHARD SCHREIBER

Phone: Fax: e-mail:

Site Information:

Contact: ROBERT SCHREIBER

Phone: Fax: e-mail:

Well Information:

Name: SCHREIBER #3

Operator: RICHLAN DRILLING

Location-Downhole:

Location-Surface: S17/16S/12W

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: ROBERT SCHREIBER

Test Type: CONVENTIONAL Job Number: D1283

Test Unit:

Start Date: 2013/01/29 Start Time: 03:00:00

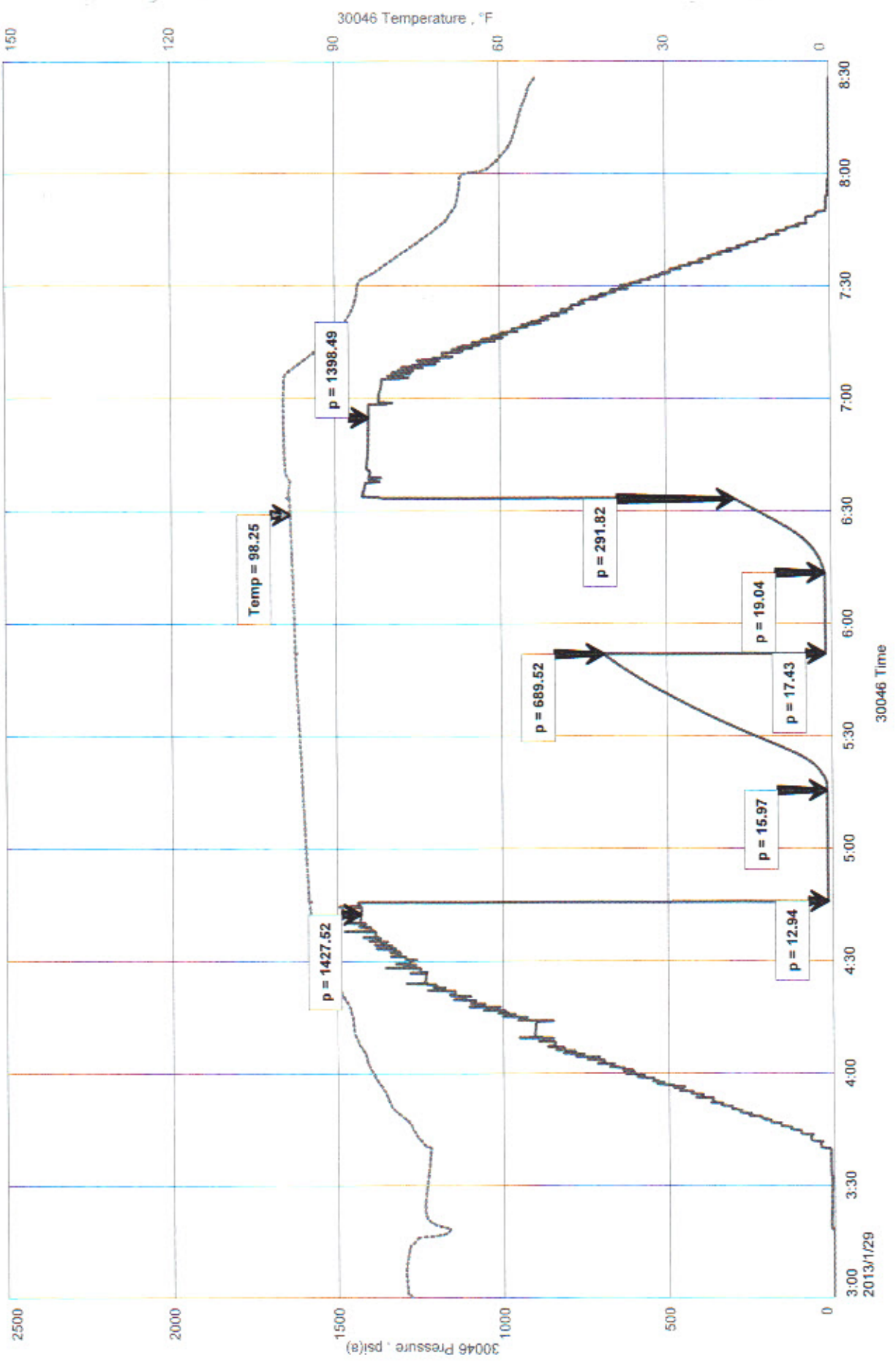
End Date: 2013/01/29 End Time: 08:30:00

Report Date: 2013/01/29 Prepared By: JOHN RIEDL

Remarks: Qualified By: ROBERT SCHREIBER

RECOVERY: 5' DRILLING MUD

SCHREIBER #3



RICHLAND DRILL DST 1
SCHRIEBER #3 1129A3

RSC11023
OUTSIDE

