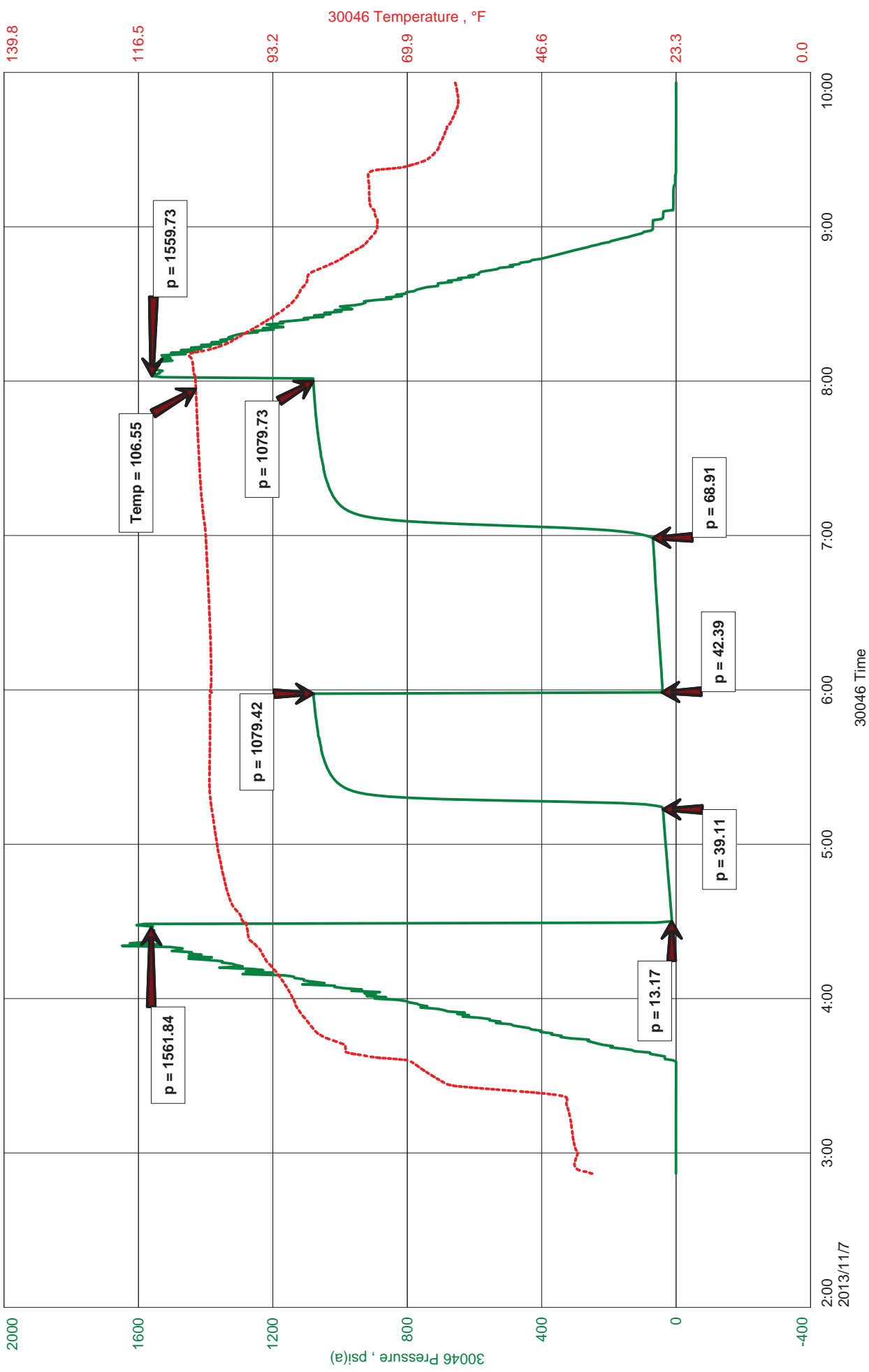


RJM CO
DST #5 BASIL SAND 3,282' - 3,325'
Start Test Date: 2013/11/07
Final Test Date: 2013/11/07

RAYMOND STAUDINGER #1
Formation: DST #5 BASIL SAND 3,282' - 3,325'

RAYMOND STAUDINGER #1





DIAMOND TESTING
JOHN RIEDL - TESTER
CELL 620-793-0550

General Information

Company Name	RJM CO	Job Number	
Contact	BRAD MILLER	Test Unit	
Well Name	RAYMOND STAUDINGER #1	Report Date	2013/11/07
Unique Well ID	DST #5 BASIL SAND 3,282' - 3,325'	Prepared By	ROGER D. FRIEDLY
Surface Location	SEC 6-10S-12W BARTON CO., KS	Qualified By	WYATT
Field	WILDCAT		
Well Type	Vertical		

Test Information

Test Type	CONVENTIONAL
Formation	DST #5 BASIL SAND 3,282' - 3,325'
Well Fluid Type	06 Water
Test Purpose (AEUB)	Initial Test

Start Test Date	2013/11/07	Start Test Time	02:52:00
Final Test Date	2013/11/07	Final Test Time	09:56:00

Gauge Name 30046

Remarks

RECOVERED:	200'	GAS IN PIPE
	77'	CLEAN OIL 39 GRAVITY @ 60 deg.
	72'	G&OCM 10% GAS, 20% OIL, 70% MUD
	149'	TOTAL FLUID

TOOL SAMPLE: 10% GAS, 35% OIL, 55% MUD



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313

TIME ON: 02:52
TIME OFF: 09:56

DRILL-STEM TEST TICKET
FILE: STC/Raymondstaudinger1dst5

Company RJM COMPANY Lease & Well No. RAYMOND STAUDINGER #1
Contractor ROYAL DRILLING RIG 2 Charge to RJM COMPANY
Elevation 1,878 KB Formation BASIL SAND Effective Pay _____ Ft. Ticket No. _____
Date 11/07/13 Sec. 6 Twp. 16 S Range 12 W County BARTON State KANSAS
Test Approved By WYATT URBAN Diamond Representative ROGER D. FRIEDLY

Formation Test No. 5 Interval Tested from 3,282 ft. to 3,325 ft. Total Depth 3,325 ft.
Packer Depth 3,277 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 3,282 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3,283 ft. Recorder Number 30046 Cap. 6000 P.S.I.
Bottom Recorder Depth (Outside) 3,322 ft. Recorder Number 13498 Cap. 3925 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 46 Drill Collar Length 0 ft. I.D. 2 1/4 in.
Weight 9.2 Water Loss 8.8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 3,000 P.P.M. Drill Pipe Length 3,262 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number NOT REQUESTED Test Tool Length 20 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 43 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: WEAK 1/4" BLOW INCREASING TO BOTTOM OF BUCKET 43 MIN NO BB
2nd Open: WEAK SURFACE BLOW INCREASING TO BOTTOM OF BUCKET IN 55 MIN. NO BB

Recovered 200 ft. of GAS IN PIPE
Recovered 77 ft. of CLEAN OIL 39 GRAVITY @ 60 deg.
Recovered 72 ft. of G&OCM 10% GAS, 20% OIL, 60% MUD
Recovered 149 ft. of TOTAL FLUID

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: <u>TOOL SAMPLE GRINDOUT (10% GAS, 35% OIL, 55% MUD)</u>	Insurance
	Total

Time Set Packer(s) 4:27 A.M. A.M. P.M. Time Started Off Bottom 7:57 A.M. A.M. P.M. Maximum Temperature 107

Initial Hydrostatic Pressure..... (A) 1,562 P.S.I.
Initial Flow Period..... Minutes 45 (B) 13 P.S.I. to (C) 39 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 1,079 P.S.I.
Final Flow Period..... Minutes 60 (E) 42 P.S.I. to (F) 69 P.S.I.
Final Closed In Period..... Minutes 60 (G) 1,080 P.S.I.
Final Hydrostatic Pressure..... (H) 1,560 P.S.I.

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.