



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: miessler2dst1

TIME ON: 11:19
TIME OFF: 18:57

Company Prolific Resources LLC Lease & Well No. Miessler #2
Contractor Petromark Rig #2 Charge to Prolific Resources LLC
Elevation 1740 GL Formation Lan "F" Effective Pay -- Ft. Ticket No. S0414
Date 11-25-13 Sec. 19 Twp. 20 S Range 10 W County Rice State KANSAS
Test Approved By Jeff Burk Diamond Representative Jacob McCallie

Formation Test No. 1 Interval Tested from 3087 ft. to 3105 ft. Total Depth 3105 ft.
Packer Depth 3082 ft. Size 6 3/4 in. Packer depth -- ft. Size 6 3/4 in.
Packer Depth 3087 ft. Size 6 3/4 in. Packer depth -- ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3068 ft. Recorder Number 5515 Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 3090 ft. Recorder Number 5586 Cap. 5,000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 52 Drill Collar Length 117 ft. I.D. 2 1/4 in.
Weight 9.3 Water Loss 8.8 cc. Weight Pipe Length -- ft. I.D. 2 7/8 in.
Chlorides 5,000 P.P.M. Drill Pipe Length 2937 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number 3 Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 18 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: 2 1/2" Blow- Built to BB in 2 1/4 min BBBB
2nd Open: 2" Blow- Built to BB in 2 1/4 min BBBB

Recovered <u>776</u> ft. of <u>GIP</u>	
Recovered <u>25</u> ft. of <u>CO</u> <u>100% O</u> GRAVITY: <u>41 @ 60 degrees F</u>	
Recovered <u>129</u> ft. of <u>SLOGC&MCW</u> <u>25% G 2% O 38% W 35% M</u>	
Recovered <u>930</u> ft. of <u>SLMCW</u> <u>97% W 3% M</u>	
Recovered <u>1084</u> ft. of <u>TOTAL FLUID</u>	Price Job
Recovered _____ ft. of <u>PH: 7</u> <u>RW: .28 @ 52 degrees F</u>	Other Charges
Remarks: <u>CHLORIDES: 33,000 ppm</u>	Insurance
<u>Diesel in Bucket</u>	
<u>Tool Sample: 1% O 97% W 2% M</u>	Total

Time Set Packer(s) 1:16 PM ^{A.M.}/_{P.M.} Time Started Off Bottom 4:01 PM ^{A.M.}/_{P.M.} Maximum Temperature 105

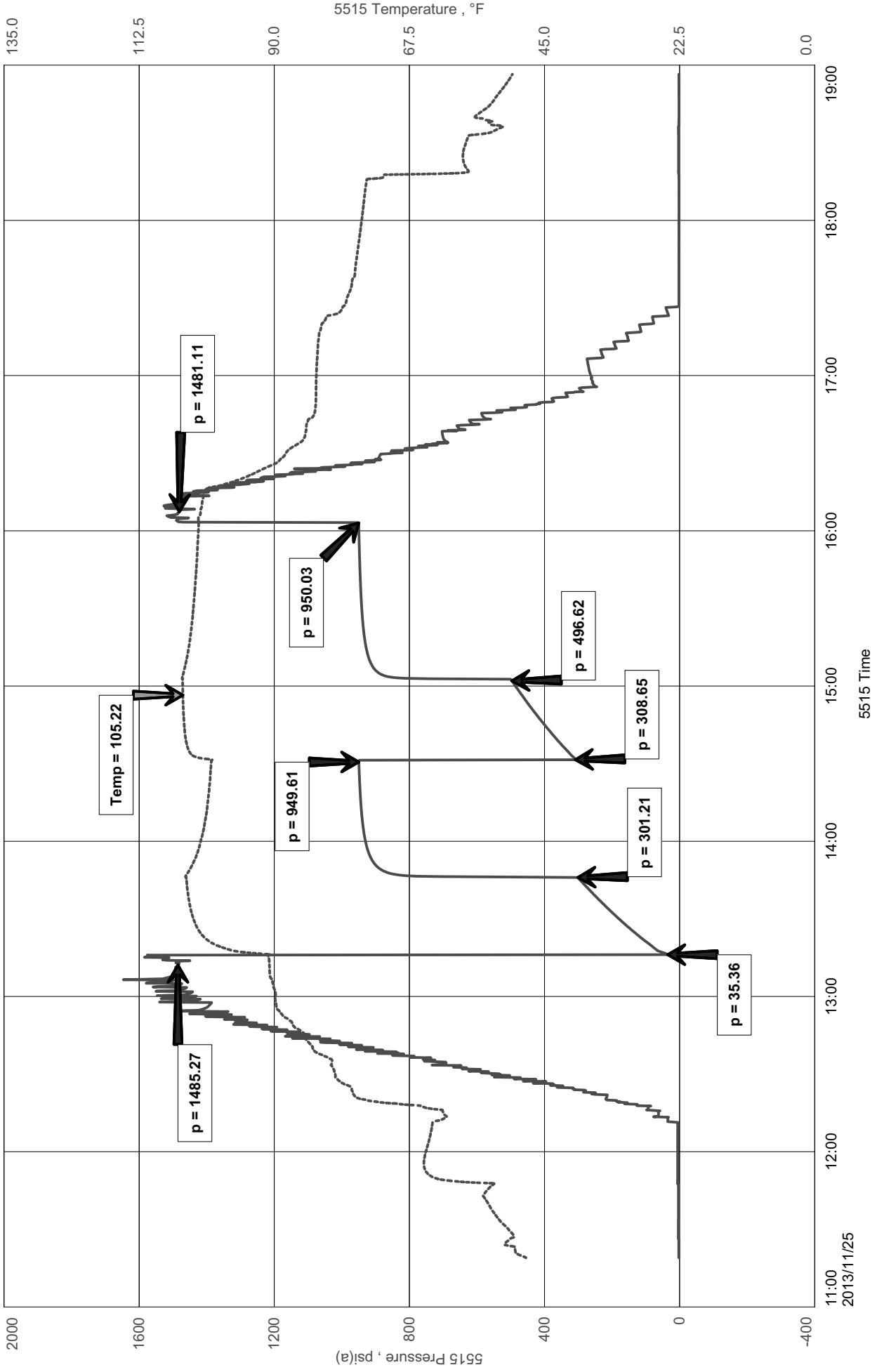
Initial Hydrostatic Pressure..... (A) 1485 P.S.I.
Initial Flow Period..... Minutes 30 (B) 35 P.S.I. to (C) 301 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 950 P.S.I.
Final Flow Period..... Minutes 30 (E) 309 P.S.I. to (F) 497 P.S.I.
Final Closed In Period..... Minutes 60 (G) 950 P.S.I.
Final Hydrostatic Pressure..... (H) 1481 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.

Prolific Resources LLC
DST #1 Lan "F" 3087-3105'
Start Test Date: 2013/11/25
Final Test Date: 2013/11/25

Miessler #2
Formation: DST #1 Lan "F" 3087-3105'
Pool: Wildcat
Job Number: S0414

Miessler #2



Diamond Testing

General information Report

General Information

Company Name Prolific Resources LLC

Contact	Doug Panning	Job Number	S0414
Well Name	Miessler #2	Representative	Jacob McCallie
Unique Well ID	DST #1 Lan "F" 3087-3105'	Well Operator	Prolific Resources LLC
Surface Location	SEC 19-20S-10W Rice County	Report Date	2013/11/25
Well License Number		Prepared By	Jacob McCallie
Field	Wildcat		
Well Type	Vertical		

Test Type	Drill Stem Test		
Formation	DST #1 Lan "F" 3087-3105'		
Well Fluid Type	01 Oil	Start Test Time	11:19:00
		Final Test Time	18:57:00
Start Test Date	2013/11/25		
Final Test Date	2013/11/25		
Gauge Name	5515		
Gauge Serial Number			

Test Results

RECOVERED:

776'	GIP				
25'	CO	100% O		Gravity: 41 @ 60 degrees F	
129'	SLOGG&MCW	25% G 2% O	38% W	35% M	
930'	SLMCW	97% W	3% M		
1084'	TOTAL FLUID				

PH: 7
RW: .28 @ 52 degrees F
Chlorides: 33,000 ppm

TOOL SAMPLE:

1% O 97% W 2% M