



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: Demel2DST1

TIME ON: 09:22
TIME OFF: 15:19

Company John Roy Evans Oil Co. LLC Lease & Well No. Demel #2
Contractor Royal Rig #2 Charge to John Roy Evans Oil Co. LLC
Elevation 1869 GL Formation _____ Lan. A-F Effective Pay _____ Ft. Ticket No. S0338
Date 5-26-13 Sec. 6 Twp. _____ 17 S Range _____ 11 W County _____ Barton State KANSAS
Test Approved By Jim Musgrove Diamond Representative JACOB MCCALLIE

Formation Test No. 1 Interval Tested from 3047 ft. to 3143 ft. Total Depth 3143 ft.
Packer Depth 3142 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 3147 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3035 ft. Recorder Number 8471 Cap. 10000 P.S.I.
Bottom Recorder Depth (Outside) 3140 ft. Recorder Number 3851 Cap. 5700 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chem Viscosity 58 Drill Collar Length 0 ft. I.D. 2 1/4 in.
Weight 9.0 Water Loss 7.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 4,400 P.P.M. Drill Pipe Length 3021 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number N/A Test Tool Length 26 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 96 (33p) 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: 1" Blow- Built to BB in 5 3/4 min **NOBB**
2nd Open: 1" Blow- Built to BB in 11 3/4 min **NOBB**

Recovered 113 ft. of SOSWCM 2% O 28% W 70% M
Recovered 126 ft. of HWCM 30% W 70% M
Recovered 189 ft. of SLMCW 99% W 1% M
Recovered 428 ft. of TOTAL FLUID

Recovered _____ ft. of <u>PH: 7</u> <u>RW: .12 @ 100 degrees F</u>	Price Job
Recovered _____ ft. of <u>Chlorides: 39,000 ppm</u>	Other Charges
Remarks: _____	Insurance
<u>TOOL SAMPLE: 2% O 78% W 20% M</u>	Total

Time Set Packer(s) 10:57 AM A.M. Time Started Off Bottom 1:42 PM P.M. Maximum Temperature 103

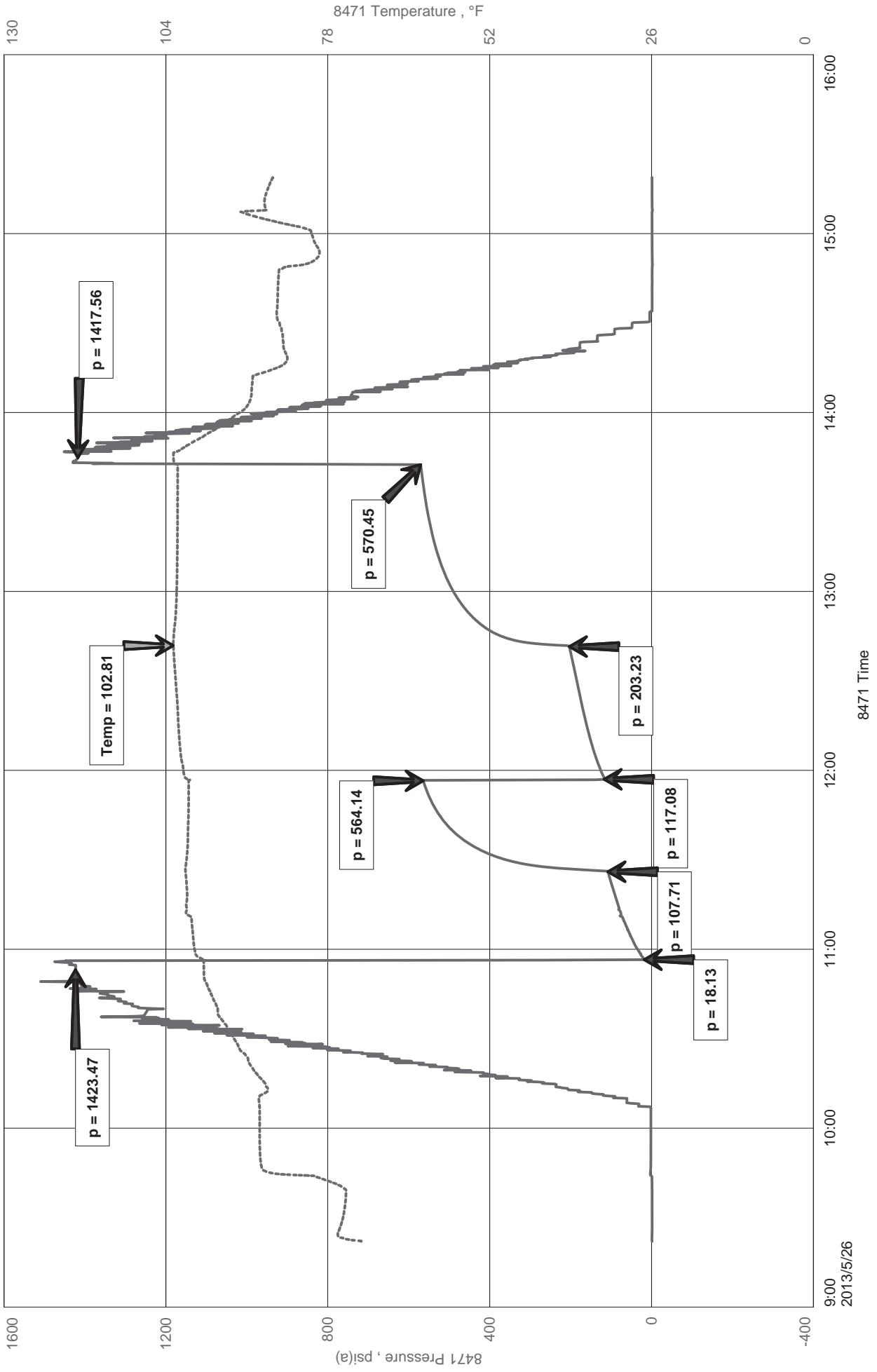
Initial Hydrostatic Pressure..... (A) 1423 P.S.I.
Initial Flow Period..... Minutes 30 (B) 18 P.S.I. to (C) 108 P.S.I.
Initial Closed In Period..... Minutes 30 (D) 564 P.S.I.
Final Flow Period..... Minutes 45 (E) 117 P.S.I. to (F) 203 P.S.I.
Final Closed In Period..... Minutes 60 (G) 570 P.S.I.
Final Hydrostatic Pressure..... (H) 1418 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.

John Roy Evans Oil Co. LLC
DST #1 Lan A-F 3047-3143
Start Test Date: 2013/05/26
Final Test Date: 2013/05/26

Demel #2
Formation: DST #1 Lan A-F 3047-3143
Pool: Infield
Job Number: S0338

Demel #2





**DIAMOND TESTING
ROGER D. FRIEDLY - TESTER
CELL 620-793-2043**

Company Name John Roy Evans Oil Co. LLC
Contact Gary Kirmer
Well Name Demel #2
Unique Well ID DST #1 Lan A-F 3047-3143'
Surface Location SEC 6-17S-11W Barton County
Field Kraft & Prusa

Test Information

Job Number S0338
Test Unit 3
Representative Jacob McCallie
Well Operator John Roy Evans Oil Co. LLC
Report Date 2013/05/26
Prepared By Jacob McCallie
Qualified By Jim Musgrove

Test Type Drill Stem Test
Formation DST #1 Lan A-F 3047-3143'
Test Purpose Initial Test
Well Fluid Type 06 Water
H2S

Start Test Date 2013/05/26 Start Test Time 09:22:00
Final Test Date 2013/05/26 Final Test Time 15:19:00

Remarks

RECOVERED:

113' SOSWCM 2% O 28% W 70% M
126' HWCW 30% W 70% M
189' SLMCW 99% W 1% M
428' TOTAL FLUID

PH: 7
RW: .12 @ 100 degrees F
Chlorides: 39,000 ppm

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2% O 78% W 20% M